Page 1	Page 3
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY OFFICE OF ADMINISTRATIVE LAW JUDGES	C O N T E N T S VOIR
In the Matter of: )	WITNESSES: DIRECT CROSS REDIRECT RECROSS DIRE
TAOTAO USA, INC., TAOTAO ) Docket No. CAA-HQ-2015-8065 GROUP CO., LTD and JUNYUN ) COUNTY XIANGYUAN INDUSTRY )	For the Complainant:
CO., LTD, )	Cleophas Cawthorn 11 29
) Respondents. ) Room 1152 EPA East Building 1201 Constitution Avenue, N.W. Washington, D.C.	Jackson, Jr. 42 171
Tuesday, October 17, 2017 The parties met, pursuant to notice of the Court, at 8:30 a.m.	
<ul> <li>BEFORE: HONORABLE SUSAN L. BIRO Chief Administrative Law Judge</li> <li>APPEARANCES:</li> <li>For the Complainant:</li> <li>ROBERT G. KLEPP, Esquire</li> <li>ED KULSCHINSKY, Esquire</li> <li>MARK PALERMO, Esquire</li> <li>U.S. Environmental Protection Agency</li> <li>Office of Enforcement and Compliance Assurance</li> <li>1200 Pennsylvania Avenue, N.W.</li> <li>Washington, D.C. 20460</li> <li>(202) 564-5805/4133/8894</li> </ul>	
Page 2 APPEARANCES: (Cont'd)	Page 4 EXHIBITS
For the Respondents: WILLIAM CHU, Esquire SALINA TARIQ, Esquire Law Offices of William Chu	COMPLAINANT'S EXHIBITS: IDENTIFIED RECEIVED 1 through 10 111 111 12 50 50
4455 Lyndon B. Johnson Freeway, Suite 1008 Dallas, Texas 75244	13 through 17 59 59
(972) 392-9888	43 through 45 90 90
	46 87 87
	47 through 52 90 90
	67 279 279
	77 330 330
	99 through 109 166 166
	110 160 160
	111 through 122 166 166
	156A 15 15
	191 152 152

	Page 5		Page 7
	EXHIBITS	1 in shortly.	
	RESPONDENTS'	2 JUDGE BIRO: Okay, Good mornin	ng Mr Chu
	EXHIBITS: IDENTIFIED RECEIVED	3 MR. CHU: Good morning.	-8,
		4 JUDGE BIRO: Good morning, Ms.	. Tario?
	33 197 197	5 MS. TARIQ: Yes.	
		6 JUDGE BIRO: Okay. Before we b	egin Liust
		<ul><li>7 want to go over a few matters. We entered</li></ul>	
		8 pursuant to a partial accelerated decision of	-
		<ul><li>9 May of 2015, so this hearing is focused so</li></ul>	
		<ul><li>10 issue of penalty.</li></ul>	lefy on the
		11 The rules that apply to this proceedi	ng in
		12 terms of evidence are the Consolidated Ru	
		<ol> <li>Practice; specifically, Rule 22.22, which sa</li> </ol>	
		<ul><li>all evidence shall be admitted except that's</li></ul>	
		<ul> <li>immaterial, irrelevant, duplicative, et ceter</li> </ul>	
		16 follow that rule. So, hearsay is admissible	
		<ol> <li>17 proceeding.</li> </ol>	in this
		18 There's an issue of confidential	
		19 information. If there is confidential inform	nation
		that comes up, please advise me in advanc	
		<ul><li>close the courtroom and anybody who's no</li></ul>	
		hear confidential information will have to	
		23 Are there any other preliminary mat	
		<ul><li>wish to address before we begin? Course</li></ul>	
		25 Agency?	i ioi uic
	Page 6		Page 8
			5
1	P R O C E E D I N G S	1 MR. KLEPP: To make a point, You	
1 2	P R O C E E D I N G S (8:30 a.m.)	<ol> <li>MR. KLEPP: To make a point, You</li> <li>have we're kind mid-course in terms of set</li> </ol>	r Honor, we
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2	(8:30 a.m.)	2 have we're kind mid-course in terms of se	r Honor, we ome punsel from
2 3	(8:30 a.m.) JUDGE BIRO: We're going on the record in	<ol> <li>have we're kind mid-course in terms of set</li> <li>stipulations that we have tried to engage co</li> </ol>	r Honor, we ome punsel from ne documents
2 3 4	(8:30 a.m.) JUDGE BIRO: We're going on the record in the matter of Taotao USA, Inc., Taotao Group Co.,	<ul> <li>have we're kind mid-course in terms of so</li> <li>stipulations that we have tried to engage co</li> <li>Respondents to stipulate to some facts, some</li> </ul>	r Honor, we ome ounsel from ne documents that
2 3 4 5	(8:30 a.m.) JUDGE BIRO: We're going on the record in the matter of Taotao USA, Inc., Taotao Group Co., Limited, and Junyun County Xiangyuan Industry Company,	<ul> <li>have we're kind mid-course in terms of set</li> <li>stipulations that we have tried to engage co</li> <li>Respondents to stipulate to some facts, som</li> <li>as evidence. We're not all the way through</li> </ul>	r Honor, we ome punsel from ne documents that bably
2 3 4 5 6	(8:30 a.m.) JUDGE BIRO: We're going on the record in the matter of Taotao USA, Inc., Taotao Group Co., Limited, and Junyun County Xiangyuan Industry Company, Limited, EPA Docket No. CAA-HQ-2015-8065.	<ul> <li>have we're kind mid-course in terms of set</li> <li>stipulations that we have tried to engage co</li> <li>Respondents to stipulate to some facts, som</li> <li>as evidence. We're not all the way through</li> <li>process, just to make that point. We're product</li> </ul>	r Honor, we ome ounsel from ne documents that bably ments going
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	Page 9		Page 11
1	about letting in evidence.	1	MR. KLEPP: Thank you.
2	MR. CHU: Thank you, Your Honor.	2	DIRECT EXAMINATION
3	MR. KLEPP: Your Honor.	3	BY MR. KLEPP:
4	JUDGE BIRO: I have literally read in the	4	Q Good morning, Mr. Jackson, would you please
5	last week or two every document you have submitted. I	5	state your name and your
б	put my little fingers on every single page and read	6	A Cleophas Jackson.
7	them over, including your prehearing brief, Mr. Chu.	7	Q Your full name and your duties or your
8	I've read that many times. I've read every exhibit	8	position at EPA.
9	that you submitted, all of them, page after page, even	9	A My name is Cleophas Cawthorn Jackson, Jr.
10	the ones that pertain to liability again. So, I'm	10	I'm currently the center director for the Gasoline
11	pretty familiar with everything that you've submitted	11	Engine Compliance Center.
12	so far.	12	MR. KLEPP: Your Honor, before I proceed any
13	I've got your most recent revised penalty	13	further, you made a point earlier I'd like to raise
14	calculation right here. I have whatever else I	14	again. At some point in Mr. Jackson's testimony there
15	know that the Agency submitted. Actually, I didn't	15	will be some documents that are identified by
16	read what you most recently submitted, some revised	16	Respondents as confidential business information.
17	expert report, because I didn't get time. But other	17	I've marked that in my question outline and I'd like
18	than that I've seen it all and I've read it all, and	18	to bring it up at the time when it comes up. Thank
19	I'm very familiar with this case.	19	you.
20	So, if you'd like to make an opening	20	BY MR. KLEPP:
21	statement, you certainly can, but it's not evidence,	21	Q Mr. Jackson, you mentioned the Gasoline
22	it doesn't get any weight, but if the Agency would	22	Engine Compliance Center. Where is that located?
23	like to proceed.	23	A The Gasoline Engine Compliance Center is
24	MR. KLEPP: Your Honor, we would waive our	24	located in Ann Arbor, Michigan, at the National
25	opening statement and just want to proceed to our	25	Vehicle and Fuel Emissions Lab in the Compliance
	Page 10		Page 12
1			
	first witness.	1	Division.
2	JUDGE BIRO: Okay. Would the Respondent	2	Q Is that part of a larger office within EPA?
3	JUDGE BIRO: Okay. Would the Respondent like to make an opening statement?	2 3	<ul><li>Q Is that part of a larger office within EPA?</li><li>A Yes, the Compliance Division is in the</li></ul>
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	Page 13		Page 15
1	A Motorcycles.	1	BY MR. KLEPP:
2	Q Excuse me. Are you familiar with the	2	Q So, I think I asked you, Mr. Jackson, does
3	regulations that were involved in violation?	3	this resume, 156A, does it accurately describe your
4	A Yes, I am.	4	education and background and work experience?
5	Q Can you state those, please?	5	A Yes, it does.
6	A Sure. 40 C.F.R. Part 86, subparts (e) and	6	MR. KLEPP: And I would move to admit, Your
7	(f); 40 C.F.R. Part 1051; 40 C.F.R. Part 1068.	7	Honor, or submit this document 156A as evidence.
8	Q Are these regulations part of what is your	8	MR. CHU: Yes, Respondent would object to
9	office, Gasoline Engine Compliance Center duty to	9	this document as being relevant. Under the
10	oversee?	10	circumstances I don't believe he's being qualified as
11	A Yes.	11	an expert, so his educational background resume, we
12	MR. KLEPP: With Your Honor's permission I	12	would object as being irrelevant.
13	would ask Mr. Jackson to please refer to Exhibit 156A.	13	JUDGE BIRO: Overruled. Go ahead.
14	JUDGE BIRO: Mr. Klepp, did you say 156A?	14	MR. KLEPP: Thank you.
15	MR. KLEPP: I'm sorry. Pardon me. 156A.	15	(The document referred to was
16	JUDGE BIRO: Right, 156A?	16	marked for identification as
17	MR. KLEPP: Yes.	17	Complainant's Exhibit No.
18	JUDGE BIRO: I don't see any A.	18	156A, and was received in
19	MR. KLEPP: Oh, it might not be indicated in	19	evidence.)
20	the tab, but in the actual document it should say	20	BY MR. KLEPP:
21	156A, CX-156A.	21	Q Mr. Jackson, with respect to your education
22	JUDGE BIRO: Okay.	22	and background do you have an undergraduate degree?
23	MR. KLEPP: Is that	23	A Yes, I do.
24	JUDGE BIRO: Yes, I see that. Okay.	24	Q And where is that from?
25	MR. KLEPP: Thank you, Your Honor.	25	A University of Michigan, Ann Arbor.
	Page 14		
			Page 16
1	BY MR. KLEPP:	1	Q And what was that degree earned in?
2	BY MR. KLEPP: Q Mr. Jackson, do you recognize this document?	2	<ul><li>Q And what was that degree earned in?</li><li>A Mechanical engineering.</li></ul>
2 3	BY MR. KLEPP: Q Mr. Jackson, do you recognize this document? A Yes, I do.	2 3	<ul><li>Q And what was that degree earned in?</li><li>A Mechanical engineering.</li><li>Q When did you graduate?</li></ul>
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1	Q Are you a member of, or as a student were	1	had to make adjustments to the papers based on those
2	you a member of any professional organizations or	2	comments. However, we received few comments.
3	student organizations?	3	Q After publishing those articles did your
4	A Yes, I am and yes, I was.	4	findings did your analysis get adopted in any
5	Q And can you say what they were, please?	5	particular way?
б	A Sure. The Society of Automotive Engineers,	6	A Yes.
7	the American Society of Mechanical Engineers, and the	7	Q Explain that, please.
8	National Society of Black Engineers.	8	A So, one example is with a nonroad transient
9	Q And within these organization did you have	9	cycle. The duty cycle was adopted by EPA and it's
10	any leadership positions?	10	currently in use by the Agency for regulating
11	A Yes, I did.	11	emissions from nonroad diesel engines. Portions of
12	Q Can you describe those, please?	12	the cycle were also adopted for regulating large
13	A Sure. As an undergraduate, I served as	13	spark-ignition engines. In addition to that, the
14	program chair in the National Society of Black	14	cycle has been adopted by the European Commission for
15	Engineers, and as a graduate, as an alum, I served as	15	Regulating Products in Europe.
16	the president chair of the Alumni Extension Chapter.	16	Q I'd like to ask you about any awards you
17	Q In the course of your professional career	17	received in the course of your professional career at
18	have you had an opportunity to publish articles in any	18	EPA. Could you describe those?
19	journals?	19	A Sure. I received several service awards as
20	A Yes, I have.	20	well as a gold medal and a bronze medal.
21	Q Describe what journals, where they were	21	Q Gold medal in what area?
22	published.	22	A The nonroad diesel transient, tier 14.
23	A Sure. So, they were published in	23	Nonroad diesel, tier 14.
24	Proceedings for the Society of Automotive Engineers,	24	Q Can you describe your role within that
25	as well as the American Society of Mechanical	25	project?
	- 10		
	Page 18		Page 20
1	Engineers.	1	A Sure. Yes, I can.
2	Engineers. Q And those articles, can you generally	2	A Sure. Yes, I can. JUDGE BIRO: Are you going to identify him
2 3	Engineers. Q And those articles, can you generally briefly describe what they were pertaining to?	2 3	A Sure. Yes, I can. JUDGE BIRO: Are you going to identify him as an expert witness?
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	rage zi		rage 25
1	industry to develop flexibilities for implementing the	1	A Yes, it did.
2	rulemaking, including developing a flexibility program	2	Q I believe in that project at the U.N. you
3	for equipment manufacturers to spread their	3	had some success on behalf of the Agency. Can you
4	engineering costs over time so they could meet the	4	describe what that is?
5	Agency's target, target for emission specs, mission	5	A Sure. So, I had the responsibility of
6	requirements and performance without actually having	6	ensuring that the global technical regulation as
7	to complete the entire redesign in a single year. We	7	developed would be consistent with EPA regulations.
8	were able to design a flexibility strategy working	8	The Agency's goal was to ensure that there was
9	with the industry.	9	alignment and harmonization between the United States
10	Q And was this a rulemaking under the Clean	10	and Europe, and the Agency wanted to ensure that we
11	Air Act specifically?	11	did that to reduce the burden on industry for
12	A Yes, it was. Clean Air Act, Section 213.	12	complying with standards in the U.S. and globally.
13	Q And what pollutants were the subject of this	13	And so to do that I had to work with other
14	rulemaking.	14	scientists and engineers to develop a global technical
15	A Oxides of nitrogen, unburned hydrocarbon,	15	regulation to ensure that it was consistent with EPA's
16	carbon monoxide, particulate matter.	16	regulations. We were successful because what was
17	Q You also mentioned a bronze medal for a	17	adopted mirrored EPA's regulations in the end.
18	different project. Can you describe that, please?	18	Q I'd like to transition to your work these
19	A Yes. I had an opportunity to serve as team	19	days as director of the Gasoline Engine Compliance
20	leader for the heavy-duty greenhouse gas Phase 1	20	Center.
21	rulemaking.	21	A Okay.
22	Q What were your duties within that?	22	Q And ask you if you could describe what
23	A On that team I had the responsibility for	23	areas, what sectors that center regulates.
24	developing the test protocol for hybrid vehicle	24	A Sure. So, the Gasoline Engine Compliance
25	testing as well as for aerodynamics assessment for	25	Center is responsible for certification and compliance
	Page 22		Page 24
1		1	Page 24 for highway motorcycles, for recreational vehicles,
1 2	Page 22 products. I also had the responsibility for developing the provisions for OBD implementation for	1 2	
	products. I also had the responsibility for		for highway motorcycles, for recreational vehicles,
2	products. I also had the responsibility for developing the provisions for OBD implementation for	2	for highway motorcycles, for recreational vehicles, off-highway motorcycle, and ATVs, small spark-ignition
2 3	products. I also had the responsibility for developing the provisions for OBD implementation for heavy-duty Phase 1.	2 3	for highway motorcycles, for recreational vehicles, off-highway motorcycle, and ATVs, small spark-ignition engines, large spark-ignition engines, marine spark-
2 3 4	products. I also had the responsibility for developing the provisions for OBD implementation for heavy-duty Phase 1. Q In the Clean Air Act area as well?	2 3 4	for highway motorcycles, for recreational vehicles, off-highway motorcycle, and ATVs, small spark-ignition engines, large spark-ignition engines, marine spark- ignition engines. portable fuel containers,
2 3 4 5	<ul><li>products. I also had the responsibility for</li><li>developing the provisions for OBD implementation for</li><li>heavy-duty Phase 1.</li><li>Q In the Clean Air Act area as well?</li><li>A (No audible response.)</li></ul>	2 3 4 5	for highway motorcycles, for recreational vehicles, off-highway motorcycle, and ATVs, small spark-ignition engines, large spark-ignition engines, marine spark- ignition engines. portable fuel containers, evaporative components, and heavy-duty spark-ignition
2 3 4 5 6	<ul> <li>products. I also had the responsibility for</li> <li>developing the provisions for OBD implementation for</li> <li>heavy-duty Phase 1.</li> <li>Q In the Clean Air Act area as well?</li> <li>A (No audible response.)</li> <li>Q And what pollutants was concerned?</li> </ul>	2 3 4 5 6	for highway motorcycles, for recreational vehicles, off-highway motorcycle, and ATVs, small spark-ignition engines, large spark-ignition engines, marine spark- ignition engines. portable fuel containers, evaporative components, and heavy-duty spark-ignition engines.
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	Page 25		Page 27
1	responsibility of being the assistant division	1	engines and working with the industry to implement
2	director for the Compliance Division, and in that role	2	those standards.
3	I had the responsibility for developing the compliance	3	Q Prior to that you were a team leader within
4	testing strategy for the division as a whole for all	4	the Assessments and Standards Division. Can you
5	the sectors as well as implementing both heavy-duty	5	briefly and generally describe your duties there?
6	and spark-ignition on on-site testing at NVFEL. So,	6	A Sure. I had the responsibility for working
7	that included the diesel engine testing as well as the	7	on the nonroad diesel, tier 4 rulemaking, and I've
8	spark-ignition engine testing programs.	8	also had the responsibility of serving as a team
9	Q Prior to your assistant director as the	9	leader for the small SI Phase 3 rulemaking.
10	Compliance Division did you have another position	10	As a team leader for the small SI Phase 3
11	within the Agency?	11	rulemaking we were responsible for developing, again,
12	A I did, and I'm sorry. I forgot to mention I	12	test procedures, also addressing cost issues
13	was also responsible as the team leader for the heavy-	13	associated with implementing the Phase 3 standards.
14	duty greenhouse gas rule during the time I was the	14	Q Prior to that you were a project engineer
15	assistant division director. I didn't mean to leave	15	between 1995 and 2005. Briefly, generally, describe
16	that out.	16	your duties there.
17	So, my other responsibilities, I've been	17	A Sure. So, again, as the project engineer I
18	senior technical staff with EPA prior to that.	18	specifically served in the role as the team leader for
19	Q Can you describe as senior technical staff	19	nonroad diesel, tier 4, and as I mentioned earlier, we
20	what your duties were?	20	had the responsibility for developing the rulemaking,
21	A Sure. So, I had the responsibility for	21	working with the industry on the flexibilities in the
22	leading the implementation of the ULSD provisions, and	22	rulemaking, developing the test procedures and test
23	just to provide background when the Agency promulgates	23	protocols associated with that rulemaking.
24	new standards we use a systems-based approach in which	24	MR. KLEPP: Thank you, Mr. Jackson. As this
25	we control engine emission standards, vehicle	25	point, Your Honor, I would move to identify or offer
	Page 26		Page 28
1	Page 26	1	Page 28
1	standards, as well as the fuel needed to support that.	1	Mr. Jackson as an expert in the Certification and
2	standards, as well as the fuel needed to support that. I was responsible for implementing the fuel	2	Mr. Jackson as an expert in the Certification and Compliance Vehicle and Engine Program.
2 3	standards, as well as the fuel needed to support that. I was responsible for implementing the fuel control strategies with the fuel industry, so we met	2 3	Mr. Jackson as an expert in the Certification and Compliance Vehicle and Engine Program. JUDGE BIRO: Certification and Compliance of
2 3 4	standards, as well as the fuel needed to support that. I was responsible for implementing the fuel control strategies with the fuel industry, so we met regularly with API, the American Petroleum Institute,	2 3 4	Mr. Jackson as an expert in the Certification and Compliance Vehicle and Engine Program. JUDGE BIRO: Certification and Compliance of EPA's?
2 3 4 5	standards, as well as the fuel needed to support that. I was responsible for implementing the fuel control strategies with the fuel industry, so we met regularly with API, the American Petroleum Institute, the jobbers, and other downstream parties to ensure	2 3 4 5	Mr. Jackson as an expert in the Certification and Compliance Vehicle and Engine Program. JUDGE BIRO: Certification and Compliance of EPA's? MR. KLEPP: Yes, the EPA Certification and
2 3 4 5 6	standards, as well as the fuel needed to support that. I was responsible for implementing the fuel control strategies with the fuel industry, so we met regularly with API, the American Petroleum Institute, the jobbers, and other downstream parties to ensure the quality of the fuel was consistent with what was	2 3 4 5 6	Mr. Jackson as an expert in the Certification and Compliance Vehicle and Engine Program. JUDGE BIRO: Certification and Compliance of EPA's? MR. KLEPP: Yes, the EPA Certification and Compliance Vehicle and Engine Program.
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1	Page 29		Page 31
	VOIR DIRE EXAMINATION	1	A Somewhat familiar, yes.
2	BY MR. CHU:	2	Q I'm sorry. You're saying somewhat familiar?
3	Q Good morning, Mr. Jackson.	3	A I'm familiar, yes.
4	A Good morning, Mr. Chu.	4	Q Okay. So, can you tell us what the function
5	Q How are you feeling this morning?	5	of platinum only is?
6	A I feel good.	6	A The function of platinum only. So, I'm not
7	Q Now, is it your belief that there is a need	7	familiar with the people using platinum only
8	for expertise in terms of understanding the Clean Air	8	catalysts.
9	Act vehicle and engines regulatory program?	9	MR. CHU: I'm going to object as being non-
10	A I'm sorry. I'm not sure I understood your	10	responsive, Your Honor.
11	question. Is it my belief that there is a need to	11	JUDGE BIRO: Sustained.
12	understand?	12	BY MR. CHU:
13	MR. KLEPP: Your Honor, I'm going to object.	13	Q Can you tell us, please, what the function
14	I believe that calls for a legal determination.	14	of platinum is?
15	JUDGE BIRO: We're talking about his	15	A Again, so platinum is used for the oxidation
16	qualifications here. That's all voir dire is going to	16	reaction.
17	cover: whether he's qualified can be qualified as	17	Q Is it also used for the reduction? Do you
18	an expert in the field in which Mr. Klepp has offered	18	know?
19	him.	19	A Platinum is used for the oxidation reaction
20	MR. CHU: And just for clarification, Your	20	and can be used in some cases for reduction, but
21	Honor, I'm going to read what he was designated in the	21	primarily for the oxidation reaction.
22	disclosures, if I may.	22	Q So, it performs both functions is what you
23 24	JUDGE BIRO: I don't care what they	23 24	understand, is that correct?
24	designated him as. I only care what they've offered him as now.	24	A It can. Q Okay. And are you familiar with the
2.5	nin as now.	2.5	Q Okay. And are you familiar with the
	Page 30		Page 32
1	BY MR. CHU:	1	what's called a substrate?
			what's called a substrate.
2	Q Now, Mr. Jackson, you said you've had	2	A Yes.
2 3	extensive exposure to emissions, is that correct?	2 3	<ul><li>A Yes.</li><li>Q And what is that, please?</li></ul>
3 4	extensive exposure to emissions, is that correct? A I said I've had experience conducting	3 4	<ul><li>A Yes.</li><li>Q And what is that, please?</li><li>A The substrate is the framework upon which</li></ul>
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3 4 5 6 7	<ul><li>extensive exposure to emissions, is that correct?</li><li>A I said I've had experience conducting</li><li>regulatory and compliance work in emissions.</li><li>Q Okay. So, you don't have any specific</li><li>training in reference to catalysts, do you?</li></ul>	3 4 5 6 7	<ul><li>A Yes.</li><li>Q And what is that, please?</li><li>A The substrate is the framework upon which the wash coat is placed in which the catalyst material, the precious metals are placed. So, the wash coat contains the precious metal and the wash</li></ul>
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1	think that this is far afield of what the purpose of	1	A The emission species is oxides of nitrogen
2	voir dire is, and the subject matter itself is far	2	which is NO and NO2.
3	afield of what we're here today to talk about, the	3	Q Right, and that's the bad stuff that gets
4	penalty and the violations.	4	trapped in peoples' lungs, correct?
5	JUDGE BIRO: Overruled. I think he's	5	A That is a problem with that, yes.
6	testing the parameters of his expertise. Proceed.	6	Q Okay. And so the function of the platinum,
7	BY MR. CHU:	7	as you were taught, can you please describe that
8	Q So, it's very important the role of the	8	clearly for us?
9	three-way catalyst, is that accurate?	9	A Sure. So, again, in performance of
10	A Yes.	10	oxidation reaction on both the hydrocarbon and
11	Q Okay. And so this seminar that you had in	11	unburned unburned hydrocarbons, carbon monoxide.
12	it was it just one seminar?	12	Q Right. And so there was a chemical formula
13	A I'm sorry. Oh, the course work that I took.	13	that you were shown in class. Do you remember that?
14	That wasn't a seminar. It was a class.	14	A Yes.
15	Q Right. What was the duration of the class?	15	Q And that chemical formula basically was
16	A So, the class was a semester course.	16	2CO+NO something, correct?
17	Q And it was all about catalysts, is that	17	A Yes.
18	correct?	18	Q Now, can you tell us, please, based upon
19	A No, that is not what I said. It was a	19	your expertise what the end products were?
20	combustion analysis class in which we also discussed	20	A What the end productions of the combustion
21	catalysts.	21	process were? So
22	Q Can you tell us specifically how long in	22	Q No, sir. The end
23	duration the learning, as far as the teaching went, of	23	MR. CHU: Excuse me for interrupting. I'm
24	catalysts in that class?	24	sorry, Your Honor.
25	A So, let's see, it was a semester-long	25	I'm going to object as non-responsive. So,
	Page 34		Page 36
1	course. I would suspect that several weeks of the	1	may I ask the question again?
2	course was spent on catalysts.	2	may I ask the question again? JUDGE BIRO: Okay.
2 3	course was spent on catalysts. Q I see. And so were you shown videos of how	2 3	may I ask the question again? JUDGE BIRO: Okay. BY MR. CHU:
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	Page 37		Page 39
1	Q Okay. I see what you're saying. Yield, and	1	platinum.
2	I'm saying equal. We're saying the same thing, right?	2	A Sure. So, you would have nitrogen as one of
3	A Generally, yes.	3	the results of that equation, and then CO2 is the
4	Q Okay. So, now just out of curiosity, in	4	other product.
5	your training in your master's program did you have a	5	Q Anything else, sir?
6	chemistry class?	6	A So, again, with a complete combustion
7	A I didn't have the chemistry class in the	7	equation you would have to also include water as a
8	master's program. I had one in the undergraduate	8	production as a result of combustion.
8 9		9	-
9 10	program. MR. CHU: I'm objecting, it's non-responsive	10	Q Thank you. Now, because you're being
	after "I did not have a class".		qualified as an expert for this case here I want to
11 12	JUDGE BIRO: Overruled. Go ahead.	11 12	make sure is that all the subsequent education that
13			you've received in terms of understanding how
	MR. CHU: All right.	13	catalysts work in terms of the small engine family
14	BY MR. CHU:	14 15	group?
15	Q Now, you say you had a class in your	-	A My education is with respect to formal
16	undergraduate that involved chemistry, is that	16	education, I've had training as an undergraduate
17	correct?	17	degree and a master's degree. I've also had
18	A Yes.	18	subsequent course work in our work but I don't
19	Q How many classes?	19	have I haven't I don't have another degree in
20	A I had general chemistry as an undergraduate.	20	that if that's what you're asking.
21	Q Okay. And so in your laboratories you never	21	Q Well, no, what I'm referring to is this.
22	worked with catalysts, did you?	22	What you've told us is, and I'll make an example.
23	A Not in the laboratory in undergraduate, no.	23	There's continuing education. People can go and no
24	Q Okay. And so throughout your formal	24	one is grading anyone, right?
25	educational training you never worked with so-called	25	A On the sure, you have to do well in the
	Page 38		Page 40
1	catalysts, is that correct?	1	course work, but, right, there's no grade at the end
2	A Throughout my education I didn't work with	2	of that.
3	catalysts, no.	3	Q Right. But you have to have been there,
4	Q Okay. And so do you understand what the	4	correct?
5	meaning of catalyst is?	5	A Sure.
6	A Yes.	6	Q Okay. And so other than that seminar that
7	Q What is it, please?	7	you went to
8	A A catalyst is a substance intended to	8	A Again, it was a class. It was not a
9	promote a reaction without being changed by that	9	seminar.
10	reaction.	10	Q What school was it held at?
11	Q It helps accelerate the process, correct?	11	A Wayne State University.
12	A Yes.		-
			O That's in Lansing?
13		12 13	Q That's in Lansing? A That's in Detroit, Michigan.
13 14	Q Okay. So, again, in the formula I gave you,	13	A That's in Detroit, Michigan.
14	Q Okay. So, again, in the formula I gave you, the chemical formula, 2CO+NXO, okay, equals, can you	13 14	<ul><li>A That's in Detroit, Michigan.</li><li>Q Okay. And so you didn't did you get a</li></ul>
14 15	Q Okay. So, again, in the formula I gave you, the chemical formula, 2CO+NXO, okay, equals, can you tell us what the compounds are that come on the other	13 14 15	<ul><li>A That's in Detroit, Michigan.</li><li>Q Okay. And so you didn't did you get a grade or was it a pass/fail?</li></ul>
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	Page 41		Page 43
1	Q I see. Was there a question similar to the	1	develop the control strategies for those products in
2	one that I posed to you?	2	which I was required to become more knowledgeable
3	A Again, I can't recall all the details of the	3	about the subject matter both for nonroad diesel and
4	final exam for the class I took.	4	for small spark ignition. I've also had the
5	Q Okay. Would you agree that the class that	5	opportunity to conduct testing in the test cell on
6	you took was somewhat of a survey class?	6	those products and to develop systems that can meet
7	A No, I would not.	7	those new targets.
8	Q Is it your belief that people that had taken	8	MR. KLEPP: Your Honor, I would again renew
9	that class and completed that class that they have	9	my offer of Mr. Jackson as like I said
10	become an expert in terms of catalysts?	10	regulatory program expert, Vehicle and Engine
11	A I can't speak to what other people have	11	Certification and Compliance Program. If you'd like
12	become.	12	to know more about where I believe his testimony will
13	MR. CHU: I'll pass the witness, Your Honor.	13	be going, if that would help inform the Court, I'd
14	JUDGE BIRO: Okay. So, at this point do you	14	gladly do that.
15	have an objection to his being qualified as	15	JUDGE BIRO: No. I'm going to overrule the
16	MR. CHU: Yes, Your Honor, I would object to	16	objection. I think that the concerns that Mr. Chu
17	this witness being qualified as an expert in the area	17	raised goes to the weight in regard to perhaps a
18	of what this particular complaint is about; that,	18	specific area of catalysts, but I think that he's
19	again, I couldn't really understand what type of	19	qualified to be an expert witness in the area of
20	expertise he was being offered as. But to the extent	20	regulatory certification and compliance at EPA vehicle
21	he's being offered as an expert in terms of how	21	and engine program.
22	catalysts work and what the effect of those functions	22	Please proceed, Mr. Klepp.
23	are, I would certainly object to his ability to	23	MR. KLEPP: Thank you.
24	testify in that area.	24	BY MR. KLEPP:
25	JUDGE BIRO: Okay. Well, he hasn't been	25	Q Mr. Jackson, I'd like to transition to the
	Page 42		
	Page 42		Page 44
1	asked to be certified specifically in catalysts. He's	1	Page 44 regulatory program and how it works. What is the
1 2		1	_
	asked to be certified specifically in catalysts. He's		regulatory program and how it works. What is the
2	asked to be certified specifically in catalysts. He's been asked to be certified as an expert in compliance,	2	regulatory program and how it works. What is the mission of the Certification and Compliance Vehicle
2 3	asked to be certified specifically in catalysts. He's been asked to be certified as an expert in compliance, certification and compliance of EPA vehicles and	2 3	regulatory program and how it works. What is the mission of the Certification and Compliance Vehicle Engine Program?
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	Page 45		Page 47
1	to help manufacturers navigate the process, as well.	1	market.
2	In addition to those, we also host pre-	2	Q And you also described in the production
3	certification meetings with manufactures where they're	3	phase that there is production testing. Can you
4	free to come in and talk to us about their	4	describe that again, or talk about the factors
5	certification plans in advance of submitting their	5	involved there, please?
6	applications for certificate of conformity. We try to	6	A Sure. So, when a manufacturer has received
7	do pretty extensive outreach to work with the	7	a certificate of conformity the regulations allow EPA
8	industry, both domestically and internationally, to	8	to issue what's called a production vehicle test order
9	try to help them understand how to implement the	9	in which manufacturers are required to deliver the
10	rules.	10	product to EPA, one or more products to EPA for
11	We also, during the certification process,	11	testing. In addition to that, EPA may choose on its
12	undertake significant review of the applications to	12	own to go out and do in-use testing. We may require
13	ensure that the technology being implemented or	13	products from the market and conduct testing.
14	suggested by the manufacturer is consistent with	14	Q In the post-production phase that you
15	meeting the performance standards anticipated by the	15	described and the tools there can you describe in-use
16	regulations.	16	testing and how that works?
17	And then for post-certification once they	17	A Sure. So, again, in-use testing can be
18	receive their certificate I'm sorry.	18	twofold. Again, there's the production vehicle test
19	One other aspect of the certification	19	order where we are testing products at low hour but
20	process and pre-certification process is confirmatory	20	there can also be in-use testing where we're testing
21	testing which we may choose to issue a test order for	21	products further out in their useful life, their
22	a product to ensure that that product, at least at a	22	regulatory useful life, to ensure compliance.
23	low hour level, is compliant with the emission	23	Q And does the Gasoline Engine Compliance
24	standards.	24	Center engage in outreach to manufacturers of vehicles
25	We then for our post-certification may	25	and engines and, if so, can you describe that?
	Page 46		Page 48
1		1	
1	engage in a multitude of testing options as well.	1	A Yes, we do. So, again, we try to engage in
2	engage in a multitude of testing options as well. Those include production vehicle testing where we may	2	A Yes, we do. So, again, we try to engage in outreach to provide manufacturers with an
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2 3	engage in a multitude of testing options as well. Those include production vehicle testing where we may issue a test order for a production vehicle for a product that's actually already been manufactured by	2 3	A Yes, we do. So, again, we try to engage in outreach to provide manufacturers with an understanding of the regulations and how to implement those regulations. We do that through a series of
2 3 4	engage in a multitude of testing options as well. Those include production vehicle testing where we may issue a test order for a production vehicle for a product that's actually already been manufactured by the manufacturer. We have asked them to provide that	2 3 4 5	A Yes, we do. So, again, we try to engage in outreach to provide manufacturers with an understanding of the regulations and how to implement those regulations. We do that through a series of guidance documents. We also provide webinars to
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	Page 49		Page 51
1	Transportation and Air Quality to publish guidance?	1	through his testimony.
2	A Yes.	2	JUDGE BIRO: Okay.
3	Q Is it in the ordinary course of business of	3	MR. KLEPP: Thank you.
4	Office of Transportation and Air Quality to publish	4	JUDGE BIRO: Did we straighten it out?
5	this kind of guidance in particular?	5	Okay, great.
6	A Yes.	6	MR. KLEPP: Oh, the other thing, if I might
7	Q And this guidance, was it issued in the	7	approach the witness and provide him with a walk-
8	ordinary course of the business of Office of	8	around microphone. Thank you.
9	Transportation and Air Quality?	9	JUDGE BIRO: Please.
10	A Yes.	10	(Pause.)
11	Q Also, does the Office of Transportation and	11	THE WITNESS: Is that alright? Can you hear
12	Air Quality keep records of guidance that it issues?	12	me.
13	A Yes.	13	MR. KLEPP: Yes, coming across.
14	Q And is this guidance one that would have	14	THE WITNESS: So, this document, this flow
15	been kept in the recordkeeping ordinary course?	15	chart is intended to provide the major steps
16	A Yes.	16	associated with the certification process, and so you
17	Q And does it reflect requirements that	17	can see in the beginning the first step, Step No. 1.
18	pertain to the program between the years 2012-2016?	18	Oh, is there a problem?
19	A Yes.	19	JUDGE BIRO: Again, Mr. Jackson, you can
20	Q In your view in looking at it today is it an	20	talk up just a little bit.
21	accurate and complete version of that guidance	21	THE WITNESS: Yes, ma'am.
22	document?	22	JUDGE BIRO: I'd appreciate it.
23	A Yes.	23	THE WITNESS: Can you hear me how?
24	Q And can you briefly I think you already	24	JUDGE BIRO: I can.
25	did.	25	THE WITNESS: Okay, thank you.
	Page 50		Page 52
1	Page 50 MR. KLEPP: Your Honor, with your permission	1	So, the first step in the process the
1 2		1 2	So, the first step in the process the manufacturer is required to register with EPA, and
2 3	MR. KLEPP: Your Honor, with your permission I would offer CX012 as evidence. JUDGE BIRO: Mr. Chu?	2 3	So, the first step in the process the manufacturer is required to register with EPA, and that process includes the manufacturer submitting
2 3 4	MR. KLEPP: Your Honor, with your permission I would offer CX012 as evidence. JUDGE BIRO: Mr. Chu? MR. CHU: Your Honor, we don't have an	2 3 4	So, the first step in the process the manufacturer is required to register with EPA, and that process includes the manufacturer submitting their information to EPA to identify them as a
2 3 4 5	MR. KLEPP: Your Honor, with your permission I would offer CX012 as evidence. JUDGE BIRO: Mr. Chu? MR. CHU: Your Honor, we don't have an objection to this document coming in, but as far as	2 3 4 5	So, the first step in the process the manufacturer is required to register with EPA, and that process includes the manufacturer submitting their information to EPA to identify them as a manufacturer. That's the fundamental aspect of the
2 3 4 5 6	MR. KLEPP: Your Honor, with your permission I would offer CX012 as evidence. JUDGE BIRO: Mr. Chu? MR. CHU: Your Honor, we don't have an objection to this document coming in, but as far as the truth of the matters asserted in the document we	2 3 4 5 6	So, the first step in the process the manufacturer is required to register with EPA, and that process includes the manufacturer submitting their information to EPA to identify them as a manufacturer. That's the fundamental aspect of the process to protect the confidential information that a
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	Page 53		Page 55
1	THE WITNESS: the manufacturer	1	BY MR. KLEPP:
2	JUDGE BIRO: Wait one second, Mr. Jackson.	2	Q Next, after the engine family phase would
3	MR. CHU: Yes, we would object that the	3	you describe what comes next?
4	response is non-responsive and that the question calls	4	A Step 3, the manufacturer conducts emissions
5	for a narrative. It appears that the witness is	5	testing to demonstrate compliance, so the manufacturer
6	talking about whatever is coming to him rather than	6	either at their own facility or at a contract facility
7	necessarily answering the question; because he's	7	will conduct emissions testing consistent with the
8	describing things that I don't believe necessarily are	8	regulatory requirements to demonstrate their products
9	responsive to the question.	9	are compliant with the standards.
10	I don't know the format, whether this Court	10	Q And then following the emissions testing
11	would allow the continued narrations or is it going to	11	phase would you describe phase or Step No. 4?
12	be a question and answer format.	12	A Step No. 4 is the opportunity for the
13	JUDGE BIRO: Well, it depends on what the	13	manufacturer to prepare their application for
14	question is. We don't usually allow narrative	14	submission to the Agency. Again, in part of the
15	answers, but if the question calls for a narrative	15	preparation process they may want to come in and meet
16	answer then that's what you get.	16	with EPA and to describe their design and what they
17	MR. CHU: Yes, Your Honor.	17	intend to do in advance to explain how they how
18	JUDGE BIRO: So, overruled. Go ahead to the	18	they've calibrated their product, to describe
19	next question.	19	auxiliary emissions control devices they may have in
20	THE WITNESS: Yes, Your Honor. Oh, I'm	20	place. That's their opportunity to do that prior to
21	sorry. You said the next question? Do you want me to	21	submitting, formally submitting their application.
22	continue?	22	Q And then the following step would you
23	JUDGE BIRO: Would you like to ask another	23	describe what is there?
24	question, Mr. Klepp?	24	A The manufacturer then needs to pay the
25	MR. KLEPP: Sure. Mr. Jackson if I may,	25	appropriate certification fees. This is a service the
	Page 54		Page 56
1	Your Honor.		
	Town Honor.	1	Agency provides to the manufacturer and that fee must
2	BY MR. KLEPP:	1 2	be paid actually accrues to the Treasury.
2 3	BY MR. KLEPP: Q Mr. Jackson, you've just explained the		be paid actually accrues to the Treasury. Q The last pre-certification phase would you
3 4	BY MR. KLEPP: Q Mr. Jackson, you've just explained the registration process. Would you move down the	2 3 4	be paid actually accrues to the Treasury. Q The last pre-certification phase would you please describe that?
3 4 5	BY MR. KLEPP: Q Mr. Jackson, you've just explained the registration process. Would you move down the timeline a bit and explain to us about the group, the	2 3 4 5	<ul><li>be paid actually accrues to the Treasury.</li><li>Q The last pre-certification phase would you please describe that?</li><li>A The manufacturer actually submits their</li></ul>
3 4 5 6	BY MR. KLEPP: Q Mr. Jackson, you've just explained the registration process. Would you move down the timeline a bit and explain to us about the group, the grouping and vehicle engine families in the pre-	2 3 4 5 6	<ul> <li>be paid actually accrues to the Treasury.</li> <li>Q The last pre-certification phase would you</li> <li>please describe that?</li> <li>A The manufacturer actually submits their</li> <li>application, their complete application to the Agency,</li> </ul>
3 4 5 6 7	BY MR. KLEPP: Q Mr. Jackson, you've just explained the registration process. Would you move down the timeline a bit and explain to us about the group, the grouping and vehicle engine families in the pre- certification phase?	2 3 4 5 6 7	be paid actually accrues to the Treasury. Q The last pre-certification phase would you please describe that? A The manufacturer actually submits their application, their complete application to the Agency, and in so doing the process, the formal process for
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	Page 57		Page 59
1	in a vehicle. The manufacturer in their application	1	that's my offer.
2	describes what the label looks like. That label	2	JUDGE BIRO: Mr. Chu.
3	provides several descriptors of that product, and that	3	MR. CHU: What's particularly happening? I
4	allows for the Agency and our colleagues in	4	heard
5	enforcement or elsewhere to be able to identify that	5	JUDGE BIRO: Claimant's Exhibits 013 to 017,
6	product in the marketplace to ensure that it is what	6	would you like him to lay a foundation for them or can
7	it's supposed to be, and that it's actually it's	7	we stipulate to their admission?
8	actually received the certificate of conformity.	8	MR. CHU: We would not have an issue on the
9	Q What might pertain to any amendments? Can	9	admissibility. Again, the weights, we have an issue
10	you describe that, please?	10	with, Your Honor.
11	A Sure. So, Step 9 specifically focuses on if	11	JUDGE BIRO: Okay. So we will admit without
12	a manufacturer wants to submit what we sometimes call	12	objection CX013 to 017.
13	a running change or add a model to an engine family	13	MR. KLEPP: Thank you, Your Honor.
14	they can submit those amendments to the application	14	(The documents referred to
15	after it's been after it's already been submitted.	15	were marked for
16	Q And following that, the reporting	16	identification as
17	requirements, please.	17	Complainant's Exhibit Nos.
18	A Sure. So, at the end of the year, within	18	013 to 017, inclusive, and
19	three months, and in some cases within nine months,	19	were received in evidence.)
20	manufacturers are required to submit reports to the	20	BY MR. KLEPP:
21	Agency regarding their performance over the previous	21	Q Mr. Jackson, if I could please ask you to
22	year, how that product has performed either in the	22	return to looking at CX012, specifically page 000369.
23	real world, and the production volumes, et cetera, for	23	During your walk-through of the phase of
24	a given family.	24	description that you provided for grouping vehicles
25	If they've had defects that passes specific	25	into engine families, I'd ask for you to look on page
	Page 58		Page 60
1	Page 58	1	Page 60
1	thresholds, they will need to report that information	1	000369 and see language there where it mentions Item 7
2	thresholds, they will need to report that information to the Agency.	2	000369 and see language there where it mentions Item 7 with regard to catalytic converters.
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	Page 61		Page 63
1	A Would I provide a description of the	1	A Deterioration factor is a mathematical
2	emissions testing phase by the manufacturer?	2	expression relating the end-of-life emissions
3	So, the manufacturer conducts testing at a	3	performance to the low-hour emissions performance.
4	low-hour test point and they continue to test at least	4	Q And what are the methods used to
5	four different test points over the course of the	5	appropriately apply deterioration factor to a
6	testing of the product, but they need to test the end	6	particular test?
7	of useful life to determine full useful life	7	A So a manufacturer develops a deterioration
8	compliance of a product. Once they have determined	8	factor by testing a product at low hour and at test
9	full useful life compliance, they may from that	9	points throughout its useful life and extending to the
10	develop what's called a deterioration factor for	10	end of its useful life, and then develops that ratio,
11	applicability to similar designs.	11	if it's a catalyzed product, rationing the NW select
12	Q A deterioration factor, is that a regulatory	12	performance, the LOR performance, and they may apply
13	term and, if so, could you please describe it?	13	that to other products that are sufficiently similar.
14	A Sure. So, a deterioration factor is a ratio	14	Q You mention useful life. What's the
15	of end-of-life emissions performance to low-hour life	15	importance of that term?
16	emissions performance. It is an opportunity for the	16	A The regulatory useful life is the period of
17	manufacturer to be able to demonstrate compliance with	17	time over which that product must be compliant with
18	simply using this mathematical expression and in the	18	the emission standards.
19	case of a catalysts providing a multiplicative factor	19	Q And where is that in the regulations, in the
20	in combination with a low-hour test result to	20	legal authority?
21	determine an end-of-life report, end-of-life result.	21	A That's in both the statute as well as the
22	Q What are some of the rules, or not rules,	22	regulations 40 C.F.R. 1051, and 40 C.F.R. Part 86.
23	but the methods regarding an appropriate deterioration	23	Q Drawing your attention back to this
24	factor?	24	document, CX012, this guidance document, page in
25	A So, an appropriate deterioration factor must	25	particular 000373, and the third paragraph on that
	Page 62		
			Page 64
1	be developed on the product that is sufficiently	1	Page 64 page.
1 2	-	1	
	be developed on the product that is sufficiently		page.
2	be developed on the product that is sufficiently similar, materially similar to the product for which	2	page. MR. CHU: Object, Your Honor. It's leading,
2 3	be developed on the product that is sufficiently similar, materially similar to the product for which it's being applied.	2 3	page. MR. CHU: Object, Your Honor. It's leading, the word "guidance document" is suggestive, and the
2 3 4	be developed on the product that is sufficiently similar, materially similar to the product for which it's being applied. So, if a manufacturer develops a	2 3 4	page. MR. CHU: Object, Your Honor. It's leading, the word "guidance document" is suggestive, and the document is what it is.
2 3 4 5	be developed on the product that is sufficiently similar, materially similar to the product for which it's being applied. So, if a manufacturer develops a deterioration factor with a given catalysts design,	2 3 4 5	page. MR. CHU: Object, Your Honor. It's leading, the word "guidance document" is suggestive, and the document is what it is. JUDGE BIRO: It's titled "Guidance".
2 3 4 5 6	be developed on the product that is sufficiently similar, materially similar to the product for which it's being applied. So, if a manufacturer develops a deterioration factor with a given catalysts design, with a given combustion system design, with a given cylinder configuration, et cetera, we would expect that the DF would then be applied to similar products.	2 3 4 5 6	page. MR. CHU: Object, Your Honor. It's leading, the word "guidance document" is suggestive, and the document is what it is. JUDGE BIRO: It's titled "Guidance". MR. CHU: I understand.
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	Page 65		Page 67
1	A So, the Agency relies on the information	1	manufacturer it wasn't clear to us what level of
2	provided by the manufacturer to assess whether or not	2	detail quality review actually happened. There may
3	the technology that the manufacturer has chosen will	3	have been some that happened periodically, but we did
4	be compliant over the course of the useful life of a	4	not get the impression that it was a quarterly review
5	given product. That is the basis by which you make	5	process.
6	decisions, one of the bases by which you make	6	Q I'd like to move your attention to Document
7	decisions on whether or not we ought to test the	7	No. CX013. What is the do you recognize
8	product and subsequently whether or not we ought to	8	A Did you say CX013?
9	issue a certificate of conformity.	9	Q Yes, I did. Thank you.
10	Q In the course of your position as director	10	A Okay.
11	of Gasoline Engine Compliance Center have you had	11	Q Do you recognize this document?
12	opportunities to observe various manufacturer	12	A Yes, I do.
13	operations?	13	Q What do you recognize it to be?
14	A Yes.	14	A The recommended application format for
15	Q And another aspect of your walk-through had	15	certification of highway motorcycles.
15	to do with the production phase and producing vehicles	16	Q Is this a document, a guidance issued by the
17	that can you describe withdrawn. Sorry.	17	Office of Transportation and Air Quality?
	What steps have you seen manufacturers take		A Yes.
18	· ·	18 19	
19	to ensure compliance of produced vehicles?		Q Drawing specifically your attention to page 393, longer 000393, specifically under the heading
20	A Manufacturers typically undertake quality	20	"For Exhaust Emission Control" and "Information to be
21	control processes, including utilizing quality control	21	
22	methods like ISO 9000 to ensure production	22	Included" and "A list that follows".
23	consistency. They implement those strategies both	23	Would you please state what the purpose of
24	internally and externally with their supplier base.	24	these words on this page is?
25	They utilize those strategies with regular evaluation	25	A The purposes of the words on this page are
	Page 66		Page 68
1	of the products that they are building, evaluation of	1	to ensure the manufacturer provides information to the
1 2	of the products that they are building, evaluation of the products they are supplied by their Tier 1 and	1 2	to ensure the manufacturer provides information to the Agency that clearly describe the catalyst being used,
	of the products that they are building, evaluation of the products they are supplied by their Tier 1 and Tier 2 suppliers both with in-house testing and	2 3	to ensure the manufacturer provides information to the Agency that clearly describe the catalyst being used, the fuel system being used, and other engine design
2	of the products that they are building, evaluation of the products they are supplied by their Tier 1 and Tier 2 suppliers both with in-house testing and testing at the supplier's facility to ensure those	2 3 4	to ensure the manufacturer provides information to the Agency that clearly describe the catalyst being used, the fuel system being used, and other engine design parameters of emissions control strategies being
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	Page 69		Page 71
1	MR. CHU: For the manufacturers.	1	application, a description of the manufacturing and
2	JUDGE BIRO: For the manufacturers on the	2	assembly process, agreements between manufacturers and
3	website in 2012. Is that your testimony, Mr. Jackson?	3	importers that are relevant, and it also goes on to
4	THE WITNESS: Yes.	4	describe what needs to be included including a
5	MR. KLEPP: Thank you, and we're going to go	5	detailed description of the catalytic converter and
6	through never mind. Withdrawn.	6	emissions-related components.
7	BY MR. KLEPP:	7	Q There's a lot of words on this page, Mr.
8	Q Staying on CX013, page never mind. I	8	Jackson. Can you point to where or identify where the
9	would like to move you along to CX014. Do you	9	reference to catalytic converter is, please?
10	recognize this document?	10	For the record can you please say out loud
11	A Yes.	11	how many boxes down within that list there is?
12	Q And what do you recognize it to be?	12	A About six boxes down.
13	A Specifically, the on-highway motorcycle	13	Q For the record I'm not sure you were talking
14	certification review sheet.	14	on the mike, but under the application contains header
15	MR. KLEPP: Excuse me, Your Honor. I have a	15	there are a number of boxes. You said the sixth?
16	document control	16	A It is the sixth box down under the heading
17	(Pause.)	17	"The Application Contains".
18	BY MR. KLEPP:	18	Q If I might draw your attention to Document
19	Q What is the purpose of this particular	19	CX015, do you recognize this document?
20	document?	20	A Yes.
21	A It is intended to be an aid to manufacturers	21	Q What do you recognize it to be?
22	so that they can check and ensure their applications	22	A Major steps of certification and compliance,
23	are complete prior to submission.	23	specifically as it relates to ATVs and off-highway
24	Q And where was it published during the period	24	motorcycles.
25	of time	25	Q Is this a document published by the Office
	Page 70		
			Page 72
1	A It's available on our website.	1	of Transportation and Air Quality?
1 2	_	1 2	
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	Page 73		Page 75
1	page 000405. Do you recognize what's on that page?	1	A The design specifications, in other words,
2	A Yes.	2	what the manufacturer chooses to use, are not
3	Q And what is that?	3	proscribed in the regulations. The regulations sets
4	A Step-by-step description of the major steps	4	the performance limits.
5	associated with certification and compliance.	5	Q And it's up to your office to review those
6	Q Now, earlier, Mr. Jackson, you provided Your	6	design specifications?
7	Honor and the rest of us with your walkthrough of the	7	A Yes, we review those design specifications
8	steps involved, the major steps involved in vehicle	8	to ensure that if we believe those design
9	certification. That was in Document CX012. What did	9	specifications will meet the standards over their
10	that process describe? For what kind of vehicles?	10	useful life we can issue a certificate of conformity.
11	A That was a description for the certification	11	Q And in your experience and opinion is the
12	and compliance process for highway motorcycles.	12	fact that the design specifications are not
13	Q Here on this page what does this process	13	regulatorily prescribed does that make them any less
14	describe, for what kind of vehicles?	14	vital or important to the program and how it operates?
15	A Similar process for ATVs and off-highway	15	A No, those are actually critical to how our
16	motorcycles.	16	compliance program functions. It's important for us
17	Q So as not to belabor the testimony here and	17	to know that the design specifications provided by the
18	for efficiency purposes is there any substantive	18	manufacturer are in fact consistent with the
19	difference between what's on this page that you're	19	production specifications.
20	looking at now and CX015, major steps?	20	MR. CHU: Objection. Non-responsive. Calls
21	A These are essentially the same. The only	21	for a yes or no.
22	differences would be the applicable regulations, but	22	JUDGE BIRO: Overruled.
23	these are essentially the same.	23	MR. KLEPP: Thank you, Your Honor.
24	Q When you say "essentially the same" you mean	24	BY MR. KLEPP:
25	between this document and the document you talked	25	Q Going back to what you described earlier,
	Page 74		
	rage /1		Page 76
1	about earlier?	1	the tools of compliance that your office, the Gasoline
2	about earlier? A Yes.	2	the tools of compliance that your office, the Gasoline Engine Compliance Center utilizes, how would
2 3	about earlier? A Yes. MR. CHU: Objection, calls for a legal	2 3	the tools of compliance that your office, the Gasoline Engine Compliance Center utilizes, how would confirmatory testing as a compliance tool be affected
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1	THE WITNESS: We perform production vehicle	1	continue?
2	testing again at a low-hour test point, and when we	2	MR. KLEPP: That would make sense. Thank
3	perform at a low-hour test point we would not have an	3	you, Your Honor.
4	ability to determine full useful life performance.	4	JUDGE BIRO: We will stand in recess for 15
5	There would be irreparable harm, and the only way, if	5	minutes until 10:15.
б	we were to determine that their production vehicle	6	(Whereupon, a short recess was taken.)
7	somehow was different from the certification vehicle	7	JUDGE BIRO: Let's go back on the record and
8	it would required the Agency to test almost every	8	can you please read it to Mr. Chu?
9	production vehicles to ensure that it was compliant at	9	MR. CHU: Mr. Dixon, my legal assistant got
10	multiple points throughout its useful life. That's	10	out by he made it.
11	not practical from an Agency perspective nor is it	11	JUDGE BIRO: Mr. Dixon.
12	feasible for manufacturers, for the industry.	12	MR. DIXON: Good morning.
13	Q Another compliance tool that you described	13	JUDGE BIRO: Thank you for joining us.
14	earlier had to do with selective enforcement audits.	14	MR. DIXON: Thank you.
15	How might that compliance tool be affected by wrong	15	(Whereupon, the question was read back by
16	information, incomplete information in the certificate	16	the court reporter.)
17	of conformity application?	17	MR. CHU: I'm sorry. The last word?
18	A The selective enforcement audit is, again, a	18	THE COURT REPORTER: Vehicles, "to
19	product an opportunity or tool for the Agency to	19	accurately represent the produced vehicles".
20	test the productions at a low-hour test point directly	20	MR. CHU: Thank you, Your Honor.
21	off the production line, and so, again, if there's	21	JUDGE BIRO: Okay. Mr. Klepp.
22	wrong information in the certification application we	22	MR. KLEPP: Thank you. Just for
23	would not be able to determine full useful life	23	clarification, my memory is a little short. Did you
24	performance in compliance with the standard.	24	get a response to the question?
25	Q Mr. Jackson, another part of your walk-	25	THE COURT REPORTER: Yes.
	Page 78		Page 80
			rage ou
1	through of the program and how it works, drawing your	1	
1 2	5	1 2	MR. KLEPP: Thank you. BY MR. KLEPP:
	through of the program and how it works, drawing your		MR. KLEPP: Thank you.
2	through of the program and how it works, drawing your attention to the description you provided of emissions	2	MR. KLEPP: Thank you. BY MR. KLEPP:
2 3	through of the program and how it works, drawing your attention to the description you provided of emissions testing, how would harm occur to the program if EPA,	2 3	MR. KLEPP: Thank you. BY MR. KLEPP: Q Transitioning, Mr. Jackson, in your
2 3 4	through of the program and how it works, drawing your attention to the description you provided of emissions testing, how would harm occur to the program if EPA, your office, could not rely on the emissions data	2 3 4	MR. KLEPP: Thank you. BY MR. KLEPP: Q Transitioning, Mr. Jackson, in your experience as director of Gasoline Engine Compliance
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		1	
	Page 81		Page 83
1	Some other manufacturers take a different	1	Q And what is the effect of oxides of nitrogen
2	approach. Some manufacturers choose to use external	2	on human health and the environment?
3	contract testing as an example or external counsel or	3	A Oxides of nitrogen have the
4	external consultants to support their efforts.	4	MR. CHU: Objection. He has not been
5	BY MR. KLEPP:	5	qualified as an expert in that area of health
6	Q Over this time where you've been the	6	consequences.
7	director of the Compliance Center have you had an	7	JUDGE BIRO: Well, first, he's already
8	opportunity to meet with representatives of the Taotao	8	testified to some of that earlier when you asked him
9	companies?	9	questions, so overruled.
10	A Yes.	10	THE WITNESS: Oxides of nitrogen have the
11	Q Approximately how many times has that	11	impact on human health of decreasing lung function.
12	happened?	12	Oxides of nitrogen are also, in combination with
13	A I believe we've had maybe two to three in-	13	unburned hydrocarbons and sunlight, a precursor to
14	person meetings.	14	ground-level ozone formation.
15	Q Over the course of those meetings and in	15	BY MR. KLEPP:
16	your duties as director have you formed an impression	16	Q Are there standards that EPA has set that
17	of the awareness of the Taotao companies in terms of	17	are part of the regulatory program that you're the
18	their withdrawn.	18	director of?
19	Over the course of this time have you formed	19	A Yes.
20	an impression of the awareness of the Taotao companies	20	Q Moving on, you also mentioned carbon
21	for their responsibilities under the regulations?	21	monoxide. Can you explain what that is?
22	MR. CHU: Objection. Calls for speculation.	22	A Sure. It is also a gas that is a result of
23	JUDGE BIRO: It's not speculation to give an	23	incomplete combustion.
24	estimate or an approximation or give his opinion based	24	Q And what is the effect of carbon monoxide on
25	on his own experiences. Please answer. Overruled.	25	human health and the environment?
	Page 82		Dago 84
	Page 82		Page 84
1	THE WITNESS: Yes, ma'am. My impression is	1	A Sure. So, adversely impacts the human
2	THE WITNESS: Yes, ma'am. My impression is based on statements made by the company to us by Mr.	2	A Sure. So, adversely impacts the human body's ability to absorb oxygen which can result in
2 3	THE WITNESS: Yes, ma'am. My impression is based on statements made by the company to us by Mr. Matao Cao and by Mr. David Garibyan, that they weren't	2 3	A Sure. So, adversely impacts the human body's ability to absorb oxygen which can result in asphyxiation with prolonged exposures; certainly
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25

THE WITNESS: So, hydrocarbons have some

	Dago 85		Dago 87
	Page 85		Page 87
1	carcinogenic effects, but in addition to that unburned	1	Q And is this a document that was issued by
2	hydrocarbons can also serve as a nucleation site for	2	the Office of Transportation and Air Quality?
3	particulate matter.	3	A Yes.
4 5	BY MR. KLEPP:	4	Q And is it in the ordinary course of Office
5	Q And in your program that regulations vehicles and engines are there standards that are set	5	of Transportation and Air Quality's business to issue document such as these?
7	for unburned hydrocarbons?	7	A Yes, it is.
8	A I'm sorry, I didn't hear your question.	8	Q Is it also the ordinary course of business
9	Q In the regulatory program that Gasoline	9	of the Office of Transportation and Air Quality to
10	Engine Compliance Center oversees compliance, are	10	maintain records such as this document?
11	there standards for unburned hydrocarbons?	11	A Yes, it is.
12	A Yes.	12	Q Does this document on its face to you appear
13	Q I'd like to transition and ask for your	13	complete and accurate?
14	attention to go to CX00046 excuse me. That would	14	A Yes, it does.
15	be a page number. Exhibit No. CX046.	15	MR. KLEPP: Your Honor, I would offer CX046
16	JUDGE BIRO: Mr. Klepp, what page is that	16	as evidence.
17	again? What page is that again?	17	MR. CHU: No objections, Your Honor.
18	MR. KLEPP: The page, Your Honor, is Exhibit	18	JUDGE BIRO: 046 is admitted into the
19	CX046 and it's a one-page exhibit. It's EPA 000643.	19	record.
20	JUDGE BIRO: Thank you.	20	(The document referred to was
21	BY MR. KLEPP:	21	marked for identification as
22	Q Mr. Jackson, do you recognize this document?	22	Complainant's Exhibit No.
23	A Yes.	23	046, and was received in
24	Q And what is this document?	24	evidence.)
25	A This is a certificate of conformity issued	25	MR. KLEPP: Thank you, Your Honor.
	Page 86		Page 88
			iuge oo
1	to Taotao USA.	1	And on that note there are a number of
1 2		1	And on that note there are a number of
		1	
2	Q Have you seen this document before?	2	And on that note there are a number of Certificates of Conformity. They start at CX043 and
2 3	<ul><li>Q Have you seen this document before?</li><li>A Yes.</li></ul>	2 3	And on that note there are a number of Certificates of Conformity. They start at CX043 and they go through CX052, and I would ask if we could
2 3 4	<ul><li>Q Have you seen this document before?</li><li>A Yes.</li><li>Q Can you briefly describe it and what its</li></ul>	2 3 4	And on that note there are a number of Certificates of Conformity. They start at CX043 and they go through CX052, and I would ask if we could offer those as evidence at this time.
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	Page 89		Page 91
1	have any objections as long as those are the documents	1	with respect to engine models excuse me engine
2	represented to be certificates of conformity issued by	2	families and models?
3	the EPA.	3	A The certificate covers only those vehicles
4	JUDGE BIRO: I think that is, in fact, Mr.	4	which conform in all material respects to the design
5	Klepp's representation.	5	specifications that apply to those vehicles described
6	MR. KLEPP: It is, Your Honor.	6	in the documentation required by 40 C.F.R. Part 86,
7	JUDGE BIRO: Okay, so we've already admitted	7	and are produced during the model year production
8	046. So, we'll admit without objection 043 to 045 and	8	period stated on the certificate, as defined in 40
9	047 to 052?	9	C.F.R. Part 86.
10	MR. KLEPP: I just got a little bit lost,	10	Q And up in the table of data towards the top
11	Your Honor. You stopped in the middle and I was	11	of this document can you describe the key emission
12	trying to go the whole span.	12	components that are identified there?
13	JUDGE BIRO: Okay.	13	A Air injection catalysts, carburetor.
14	MR. KLEPP: Can you please repeat yourself?	14	Q And can you describe anywhere on this page
15	Thank you.	15	where it refers to the regulatory emission standards
16	JUDGE BIRO: Yes, to not be confusing, we're	16	that apply?
17	admitting at this point Complainant's Exhibit 042	17	A So, the exhaust emission standards that are
18	through 052? No?	18	applicable for hydrocarbons. It lists one gram per
19	MR. CHU: I'm going to consult with my	19	kilometer; CO, 12 grams per kilometer; HC plus NOx not
20	JUDGE BIRO: I'm still not on the right	20	applicable.
21	MR. CHU: Yes, I believe 53. No, I'm sorry.	21	Q Can you describe anywhere on this page where
22	No, that's right. That's what I see.	22	it refers to the length or the duration or the useful
23	JUDGE BIRO: 043 to 052.	23	life that the standards apply?
24	MR. CHU: I'm checking. Yes, 52, and that's	24	A The full useful life, it references the EPA
25	the end.	25	minimum, EPA required minimum, and so for this
	Page 90		Page 92
1	JUDGE BIRO: Are we all in agreement,	1	category, if it's 49 cc, it would be 6,000 kilometers.
1 2	_	1 2	category, if it's 49 cc, it would be 6,000 kilometers. The 6,000 kilometers is not listed. It simply
	JUDGE BIRO: Are we all in agreement, Complainant's Exhibit 043? MR. KLEPP: Yes.	1	category, if it's 49 cc, it would be 6,000 kilometers. The 6,000 kilometers is not listed. It simply references the regulations.
2	JUDGE BIRO: Are we all in agreement, Complainant's Exhibit 043? MR. KLEPP: Yes. (Laughter.)	2 3 4	category, if it's 49 cc, it would be 6,000 kilometers. The 6,000 kilometers is not listed. It simply references the regulations. Q And would you please describe down at the
2 3	JUDGE BIRO: Are we all in agreement, Complainant's Exhibit 043? MR. KLEPP: Yes.	2 3	category, if it's 49 cc, it would be 6,000 kilometers. The 6,000 kilometers is not listed. It simply references the regulations. Q And would you please describe down at the bottom the language that is more narrative on this
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	Page 93		Page 95
1	certificate as defined in 40 C.F.R. Part 86."	1	MR. KLEPP: Thank you, Your Honor. May I
2	Q I would draw your attention to a different	2	proceed?
3	document, CX004.	3	JUDGE BIRO: Please proceed.
4	MR. KLEPP: Your Honor, if I may a	4	MR. KLEPP: Thank you.
5	procedural matter. This document and others that	5	BY MR. KLEPP:
6	might follow have been identified by Respondents as	6	Q I would like to track back, Mr. Jackson,
7	confidential business information, and I would seek	7	before I go where we're going next with respect to
8	guidance from Your Honor about how to proceed in	8	what Your Honor has just referred to.
9	testimony and use of these.	9	I asked you earlier if you had had an
10	JUDGE BIRO: Okay. Mr. Chu, do you continue	10	opportunity to meet with representatives of the Taotao
11	to assert confidential business information as to	11	USA and Taotao Group, JCXI, and their consultants.
12	these documents?	12	A Yes.
13	MR. CHU: To the extent he doesn't talk	13	Q And on approximately how many occasions did
14	about the design, I don't know if that's possible, I	14	that happen?
15	would be okay with him talk about the document without	15	A Two to three occasions.
16	everyone leaving the room. So, if he's going to talk	16	Q And the impressions that you said you formed
17	about how it's designed in terms of the design, then I	17	over those meetings and other interactions, what are
18	would continue	18	those impressions?
19	JUDGE BIRO: Design of the engine	19	A Again, the impressions I have is that, and
20	specifically? Is that what you	20	this is again based on statements from Mr. David
21	MR. CHU: The overall, the overall unit.	21	Garibyan and Mr. Matao Cao, that they were not as
22	I'm not sure how he's wanting to use this.	22	aware of the regulatory requirements as they felt they
23	JUDGE BIRO: So, can you modify your	23	should have been. And so my impression from that is
24	questions to accommodate that or should we close the	24	that they weren't engaged as maybe they could have
25	courtroom?	25	been.
	Page 94		
	Idge JI		Page 96
1	_	1	-
1 2	MR. KLEPP: Your Honor, I think it might be prudent to close the courtroom because I do want to do	1	Q What facts or interactions actually gave you that impression?
	MR. KLEPP: Your Honor, I think it might be		Q What facts or interactions actually gave you
2	MR. KLEPP: Your Honor, I think it might be prudent to close the courtroom because I do want to do	2	Q What facts or interactions actually gave you that impression?
2 3	MR. KLEPP: Your Honor, I think it might be prudent to close the courtroom because I do want to do a fairly detailed walk-through of some of the things	2 3	<ul><li>Q What facts or interactions actually gave you that impression?</li><li>A The nature of the questions that they tend</li></ul>
2 3 4	MR. KLEPP: Your Honor, I think it might be prudent to close the courtroom because I do want to do a fairly detailed walk-through of some of the things that counsel is referring to: the engine design, the	2 3 4	<ul><li>Q What facts or interactions actually gave you that impression?</li><li>A The nature of the questions that they tend to ask in some instances seemed to be somewhat</li></ul>
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	Page 97		Page 99
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1	from large to small?	1	Some smaller manufacturers may choose may
2	A Sure. So, for the classes of products in	2	choose to have significantly smaller infrastructure or
3	which they sell based on their production data	3	may not have the types of systems in place that some
4	provided to the Agency by the manufacturers, by the	4	of the larger manufacturers may have. BY MR. KLEPP:
5	industry, Taotao in Class 1A is the number one	5	
6	manufacturer from a production volume perspective.	6	Q Have you formed an impression as to the
7 8	Last year they are number one in Class 1B, and they're	7	comparing Taotao as a large vehicle engine
8 9	in the top five, I believe number four for ATVs and UTVs for production volume.	8	manufacturer to other large vehicle engine manufacturers?
10	MR. CHU: I'll object as hearsay. I mean,	10	MR. CHU: Your Honor, can I have a running
10	that's not the best evidence. Two objections.	11	objection, please?
12	JUDGE BIRO: Okay. Best evidence is not an	12	JUDGE BIRO: Yes, you may.
13	objection, it applies to documents, and it refers to	13	MR. CHU: Thank you.
14	copies. What were your other objection?	14	THE WITNESS: The impression that I have is
15	MR. CHU: Hearsay.	15	that at least to date they had not spent as much
16	JUDGE BIRO: Hearsay.	16	effort as some of the other larger manufacturers or
17	MR. CHU: He's talking about out-of-court	17	large manufacturers in developing some of those
18	document for the truth of the matters asserted.	18	systems.
19	JUDGE BIRO: Yes, it is hearsay but it's	19	BY MR. KLEPP:
20	admissible in this proceeding. Overruled.	20	Q On those occasions that you described where
21	BY MR. KLEPP:	21	you met with Taotao representatives do you recall any
22	Q Mr. Jackson, is there in your experience	22	particular names of individuals that you met with?
23	is there a correlation among vehicle and engine	23	A Yes.
24	manufacturers between size and effort engaged to	24	Q And who are they?
25	follow the program's requirements?	25	A We met with Mr. David Garibyan, Mr. Matao
		1	
	Page 98		Page 100
1	MR. CHU: Yes, I'm going to object to this	1	Page 100 Cao and when we were in China we met with Mr. Matao
1 2		1 2	
	MR. CHU: Yes, I'm going to object to this	1	Cao and when we were in China we met with Mr. Matao
2	MR. CHU: Yes, I'm going to object to this line of questions. This is pure speculation. He's	2	Cao and when we were in China we met with Mr. Matao Cao's father and mother. I believe is father's name
2 3	MR. CHU: Yes, I'm going to object to this line of questions. This is pure speculation. He's not qualified to render an opinion in that regard so	2 3	Cao and when we were in China we met with Mr. Matao Cao's father and mother. I believe is father's name was Yuejin Cao.
2 3 4	MR. CHU: Yes, I'm going to object to this line of questions. This is pure speculation. He's not qualified to render an opinion in that regard so it's pure speculation. One, he's not qualified as an	2 3 4	Cao and when we were in China we met with Mr. Matao Cao's father and mother. I believe is father's name was Yuejin Cao. Q Did they identify themselves as holding any
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	Page 101		Page 103
1	the engine family and the models that would be covered	1	fact that it identifies the engine family
2	by the certificate, if issued.	2	designation and the models covered within this
3	Q And on that cover page what is the engine	3	application.
4	family that's referred to?	4	Q Are you familiar with Mr. James Xu?
5	A The engine family designation on this page	5	A Mr. James Xu is the yes, I am. I believe
6	is CTAOC.049MC1.	6	he's the certification consultant for Taotao USA.
7	Q Now, earlier I asked you to look at CX046.	7	Q Is he a certification consultant on this
8	If you can recall was that the same engine family in	8	document and this engine family only as far as you
9	that document as this CX004?	9	know?
10	A Yes.	10	A No. As far as I know, he's a certification
11	Q While you were looking at CX046 you made a	11	consultant for multiple engine families from the
12	reference to some narrative that was a reference to	12	Taotao Group.
13	vehicles described in documentation required by 40	13	Q Stepping back to the period of time from
14	C.F.R. Part 86.	14	2012 through 2016, what is your knowledge of Mr. Xu's
15	A Yes.	15	relationship to Taotao USA, Taotao Group, JCXI.
16	Q Can you please identify whether this	16	MR. KLEPP: If I may refer to them as JCXI,
17	document, CX004, has any relation to that narrative	17	Your Honor. It's Junyun County Xiangyuan,
18	reference in CX046?	18	Incorporated, but I feel awkward always mispronouncing
19	MR. CHU: May it please the Court. Could we	19	a name that I don't know. If I might proceed to just
20	get a clarification as to what version, what year	20	refer to them as JCXI.
21	we're talking about of that particular C.F.R.?	21	JUDGE BIRO: Absolutely.
22	JUDGE BIRO: Do you have	22	MR. KLEPP: Thank you.
23	THE WITNESS: I'm sorry. You're asking me	23	BY MR. KLEPP:
24	what version of what? The version of the C.F.R.?	24	Q So, what is your awareness, familiarity or
25	What was the question?	25	knowledge of Mr. James Xu, consultant to Taotao USA,
	Daga 102		
	Page 102		Page 104
1	JUDGE BIRO: For the particular certificate	1	Page 104 Taotao Group, JCXI during that period 2012 to 2016?
1 2	-	1	
	JUDGE BIRO: For the particular certificate	1	Taotao Group, JCXI during that period 2012 to 2016?
2	JUDGE BIRO: For the particular certificate of conformity what version of the C.F.R.?	2	Taotao Group, JCXI during that period 2012 to 2016? A My understanding was he was a designated
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2 3 4 5	JUDGE BIRO: For the particular certificate of conformity what version of the C.F.R.? THE WITNESS: The version of the C.F.R. that was applicable in that model year. I'll have to look at the model year.	2 3 4 5	<ul><li>Taotao Group, JCXI during that period 2012 to 2016?</li><li>A My understanding was he was a designated primary contact for certification. He was the individual that submitted their applications.</li><li>Q So, in terms of what you described before, some large vehicle engine manufacturers having an inhouse capacity as opposed to some using a</li></ul>
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	Page 105		Page 107
-	_	1	5
1	JUDGE BIRO: Sustained. Do you want to		Q Is there a date associated with
2	clarify?	2	MR. CHU: Objection. Not responsive after
3	MR. KLEPP: I do, Your Honor. Thank you.	3	the name. He asked who signed. He didn't say what
4	BY MR. KLEPP:	4	the capacity.
5	Q Taking it step by step what is the role of	5	JUDGE BIRO: Matao Cao. Oh, as president,
6	Taotao USA in this application?	6	that's the part?
7	A Taotao USA is identified as the certificate	7	MR. CHU: Yes, Your Honor. The question was
8	holder.	8	only who signed. He didn't ask a question about
9	Q And as certificate holder what was the job	9	capacity. So, non-responsive.
10	that they, or what were they what's their role in	10	JUDGE BIRO: Overruled. Go ahead.
11	this	11	THE WITNESS: Okay, so it's signed and the
12	A So, the certificate holder	12	printed name in English is Matao Cao, President,
13	Q Wait, wait. Let me ask you a halfway decent	13	Taotao USA, Incorporated.
14	question, if you would.	14	BY MR. KLEPP:
15	As a certificate holder why would they be	15	Q Now, is this letter part of the COC,
16	seeking a certificate?	16	certificate of conformity application?
17	A That allows them to introduce products into	17	A Yes.
18	commerce in the United States.	18	Q And did your office, you, those that you
19	Q And would they also be know as an importer?	19 20	direct, undertake to review this application? A Yes.
20	A Importers can be certificate holders, yes.	20	Q And in the course of that review did you
21 22	Q Within this application can you identify any	22	have an opportunity to review the language on these
22	other Taotao companies and the roles that they would have?	23	two pages, 000119-120?
23 24		23	A So, staff reviewed, yes.
24	A So, in the application documents it references Taotao USA, but it also references Taotao	25	Q And with respect to some of these I'm
20	references raotao OSA, but it also references raotao	23	Q And while respect to some of diese The
	Page 106		Page 108
1		1	
1 2	Group. It also references well, I guess in this	1	going to step through the paragraphs. Statement of
	Group. It also references well, I guess in this application it also references the OEM as being Taotao		
2	Group. It also references well, I guess in this	2	going to step through the paragraphs. Statement of identicality, would you please read that language and
2 3	Group. It also references well, I guess in this application it also references the OEM as being Taotao Group Company Limited in Lishui, China.	2 3	going to step through the paragraphs. Statement of identicality, would you please read that language and interpret what it means?
2 3 4	<ul><li>Group. It also references well, I guess in this application it also references the OEM as being Taotao</li><li>Group Company Limited in Lishui, China.</li><li>Q Have you had an opportunity to visit a</li></ul>	2 3 4	going to step through the paragraphs. Statement of identicality, would you please read that language and interpret what it means? A Sure. "This letter will confirm that all
2 3 4 5	<ul><li>Group. It also references well, I guess in this application it also references the OEM as being Taotao</li><li>Group Company Limited in Lishui, China.</li><li>Q Have you had an opportunity to visit a facility associated with Taotao Group in China?</li></ul>	2 3 4 5	<ul><li>going to step through the paragraphs. Statement of identicality, would you please read that language and interpret what it means?</li><li>A Sure. "This letter will confirm that all our model year 2012 motorcycles are identical in all</li></ul>
2 3 4 5 6	<ul> <li>Group. It also references well, I guess in this application it also references the OEM as being Taotao Group Company Limited in Lishui, China.</li> <li>Q Have you had an opportunity to visit a facility associated with Taotao Group in China?</li> <li>A Yes.</li> </ul>	2 3 4 5 6	<ul><li>going to step through the paragraphs. Statement of identicality, would you please read that language and interpret what it means?</li><li>A Sure. "This letter will confirm that all our model year 2012 motorcycles are identical in all material respects to the motorcycles described in the</li></ul>
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	Page 109		Page 111
1	whole documents, but a sentence here and there you can	1	that.
2	have an objection and we're going to overrule those	2	JUDGE BIRO: Okay.
3	objections and let it be read.	3	MR. CHU: Yes, she reminded me.
4	MR. KLEPP: Understood and I'll be very	4	JUDGE BIRO: That you had already stipulated
5	brief on this. Thank you.	5	to the admission of these documents?
б	THE WITNESS: I apologize if	6	MR. CHU: Right.
7	JUDGE BIRO: No, that's no problem, Mr.	7	JUDGE BIRO: Okay. So, we will admit into
8	Jackson.	8	the record without objection
9	THE WITNESS: So, this paragraph basically	9	MR. CHU: And without reading everything in
10	says the product should be manufactured by Taotao	10	those 10.
11	Group in China, and that there will be no further	11	JUDGE BIRO: Okay. Complainant's Exhibits
12	modifications after they leave the factory.	12	001 through 010.
13	BY MR. KLEPP:	13	MR. KLEPP: Yes, Your Honor.
14	Q Now, as you undertook or your staff	14	JUDGE BIRO: Okay.
15	undertook review of this application, this letter,	15	(The documents referred to
16	this language, are there things here that you took at	16	were marked for
17	face value within the four corners of the document you	17	identification as
18	didn't question?	18	Complainant's Exhibit Nos. 1
19	A Yes, we take everything the manufacturer	19	through 10, inclusive, were
20	tells us as being what the manufacturer intends to	20	received in evidence.)
21	tell us. We assume that it's accurate. We take it at	21	BY MR. KLEPP:
22	face value.	22	Q Mr. Jackson, within CX004 would you please
23	MR. KLEPP: Your Honor, I think it's a	23	turn to page 000123, and given what we'd like to do
24	housekeeping point to raise at this time that there	24	here, I think, is move through efficiently would you
25	are a number of substantially the same documents from	25	please describe what you see here and the key points
	Page 110		
	rage 110		Page 112
1	CX001 through CX010. I would say that they're all	1	Page 112 on this page?
1 2		1 2	_
	CX001 through CX010. I would say that they're all		on this page?
2	CX001 through CX010. I would say that they're all certificate of conformity application documents and I	2	on this page? A Sure. This family is an engine of family description page that lists the models covered by the certificate and also provides information to describe
2 3	CX001 through CX010. I would say that they're all certificate of conformity application documents and I would ask for them to be, or I would offer them as	2 3	on this page? A Sure. This family is an engine of family description page that lists the models covered by the certificate and also provides information to describe the engine and exhaust control system associated with
2 3 4	CX001 through CX010. I would say that they're all certificate of conformity application documents and I would ask for them to be, or I would offer them as evidence at this time.	2 3 4	on this page? A Sure. This family is an engine of family description page that lists the models covered by the certificate and also provides information to describe the engine and exhaust control system associated with this family, including specifically the exhaust and
2 3 4 5	CX001 through CX010. I would say that they're all certificate of conformity application documents and I would ask for them to be, or I would offer them as evidence at this time. JUDGE BIRO: Tell me the numbers again just to make sure. MR. KLEPP: This is an easy one. CX001	2 3 4 5	on this page? A Sure. This family is an engine of family description page that lists the models covered by the certificate and also provides information to describe the engine and exhaust control system associated with this family, including specifically the exhaust and emissions control system, the three-way catalyst and
2 3 4 5 6 7 8	CX001 through CX010. I would say that they're all certificate of conformity application documents and I would ask for them to be, or I would offer them as evidence at this time. JUDGE BIRO: Tell me the numbers again just to make sure. MR. KLEPP: This is an easy one. CX001 through CX010.	2 3 4 5 6 7 8	on this page? A Sure. This family is an engine of family description page that lists the models covered by the certificate and also provides information to describe the engine and exhaust control system associated with this family, including specifically the exhaust and emissions control system, the three-way catalyst and pulse air injection system. It also provide
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	CX001 through CX010. I would say that they're all certificate of conformity application documents and I would ask for them to be, or I would offer them as evidence at this time. JUDGE BIRO: Tell me the numbers again just to make sure. MR. KLEPP: This is an easy one. CX001 through CX010. JUDGE BIRO: Okay. MR. CHU: Yes, we would not agree. We would request that he move up each of those documents. JUDGE BIRO: You would object to each one of these applications? MR. CHU: Yes, Your Honor. JUDGE BIRO: Your own applications? MR. CHU: Yes, Your Honor. JUDGE BIRO: Okay, identify them for the record individually. MR. KLEPP: I will, Your Honor, and I'm going to do that now and get it over with if I might. BY MR. KLEPP: Q Mr. Jackson, would you please turn in the	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	on this page? A Sure. This family is an engine of family description page that lists the models covered by the certificate and also provides information to describe the engine and exhaust control system associated with this family, including specifically the exhaust and emissions control system, the three-way catalyst and pulse air injection system. It also provide information, basic information about the operation of the engine. Q I would ask for you to turn to page 000124 and describe the words on this page and what they are. A This page describes the emissions data vehicle, the vehicle that was used to generate the data submitted to the Agency. And so specifically it again describes the configuration, meaning that this was intended to be a 49-state engine, meaning certified for sale in the 49 states versus having a car executive order as well. It also provides information about the mass of the vehicle. Q Is there anything here that refers to the exhaust emission control system?

Page	115

	Page 113		Page 115
1	Q And I would ask for you to then turn to page	1	a look at the engine design and engine out emissions,
2	000125 and looking there describe what's on that page.	2	and we take a look at the control strategy and the
3	A This is the vehicle control information	3	fueling strategy for the engine and compare that to
4	label and this is the label that is made available to	4	the catalyst. If we see something anomalous about the
5	the public on the vehicle and it says that this engine	5	catalyst that may cause us to be concerned potentially
6	conforms to EPA regulations applicable to the 2012	6	issue a test order for that product.
7	model year, and then it also identifies the emissions,	7	As an example, this particular precious
8	the engine exhaust emission control as three-way	8	metal distribution is rhodium, palladium and platinum.
9	catalysts and pulse air injection.	9	If it only listed palladium, we might be concerned
10	Q Thank you, and I would ask for you to	10	about the performance of this product over full useful
11	take go a page further and take a look at page	11	life. If it only listed palladium, it could be
12	000126. Would you describe what's on that page?	12	compliant with a low-hour test, but may not be
13	A This page describes the emissions control	13	compliant due to palladium poisoning over the full
14	system and auxiliary emissions control devices that	14	useful life.
15	this family may utilize. It describes, in fact, that	15	Q You described the review of this
16	it uses gravity-fed carburetor; that it has pulse air	16	application. Can you go a little further and talk
17	injection. It identifies the fact that it also has a	17	about what your staff, what you at times do to review
18	catalytic converter and provides information about the	18	an application?
19	precious metal composition, the ratios in loading.	19	MR. CHU: Your Honor, that question I
20	Q Would you refer to that specific active	20	object to being vague and I'm going to object that he
21	material portion of this page and tell what your	21	doesn't have personal knowledge of what the staff
22	understanding of that is?	22	actually did on this particular application.
23	A My understanding of which portion? The	23	JUDGE BIRO: Okay.
24	catalytic converter?	24	MR. CHU: If he want the question asked in
25	Q I'm looking at the very bottom.	25	general what they do, but they're asking specifically.
	Page 114		Page 116
1	Page 114	1	Page 116
1	A Okay.	1	JUDGE BIRO: He's the director. He's asking
2	<ul><li>A Okay.</li><li>Q And I'd ask for you to please also look at</li></ul>	2	JUDGE BIRO: He's the director. He's asking generally what they do. Is that correct?
2 3	<ul><li>A Okay.</li><li>Q And I'd ask for you to please also look at the very bottom when it comes to the catalytic</li></ul>	2 3	JUDGE BIRO: He's the director. He's asking generally what they do. Is that correct? MR. KLEPP: It is, Your Honor.
2 3 4	A Okay. Q And I'd ask for you to please also look at the very bottom when it comes to the catalytic converter description active material.	2 3 4	JUDGE BIRO: He's the director. He's asking generally what they do. Is that correct? MR. KLEPP: It is, Your Honor. JUDGE BIRO: Okay.
2 3 4 5	<ul><li>A Okay.</li><li>Q And I'd ask for you to please also look at the very bottom when it comes to the catalytic converter description active material.</li><li>A Sure. The active material identifies</li></ul>	2 3 4 5	JUDGE BIRO: He's the director. He's asking generally what they do. Is that correct? MR. KLEPP: It is, Your Honor. JUDGE BIRO: Okay. MR. CHU: That's okay. If that's the
2 3 4 5 6	<ul> <li>A Okay.</li> <li>Q And I'd ask for you to please also look at the very bottom when it comes to the catalytic converter description active material.</li> <li>A Sure. The active material identifies platinum, palladium and rhodium as the active</li> </ul>	2 3 4 5 6	JUDGE BIRO: He's the director. He's asking generally what they do. Is that correct? MR. KLEPP: It is, Your Honor. JUDGE BIRO: Okay. MR. CHU: That's okay. If that's the question, I'm okay.
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	D 110		5 110
	Page 117		Page 119
1	design, about their testing, about the compliance of	1	bottom of that page is there a header that describes a
2	their test facilities, and about the fact that their	2	section called Test Protocol?
3	production will match what they've told us in the	3	A Yes.
4	application.	4	Q Would you please describe briefly what the
5	Q Earlier on you were looking at guidance that	5	test protocol paragraph is saying?
6	your office, that the Office of Transportation and Air	6	A This paragraph says that it was basically
7	Quality issued. Drawing your memory there, it was	7	tested to full useful life at 6,000 kilometers,
8	about application formation. I don't have the right	8	consistent with the provisions of 40 C.F.R. Part 86.
9	word. CX013. Application, it begins with an F. Hold	9	Q Is there a specific number of kilometers
10	on one second.	10	that's referred to there?
11	Recommended application format. There was	11	A So, that paragraph says approximately 6,000
12	language there that talked about your application is	12	kilometers, later it seems to
13	the primary source of information. Can you make a	13	Q With your knowledge of the program and the
14	connection between that guidance and that information	14	regulations and how they work would you explain the
15	to the public and what you're describing here?	15	significance of that 6,000 kilometers?
16	A Sure. So, this is the information that the	16	A Six thousand kilometers for a Class 1A
17	agency reviews to make a determination about how to	17	product is full useful life.
18	proceed and what actions to take as it relates to a	18	Q Is it also the test distance that applies
19	potential certificate of conformity.	19	for those Class 1A document
20	Q I'd like for you to take a look within this	20	A Yes.
21	document, CX004, take a look at page No. EPA 000136, I	21	Q or vehicles?
22	believe. Yes, 000136. And just thumbing through it	22	A Yes.
23	and also looking at the pages in between from 000136	23	Q So, when I say "test distance", a test
24 25	through 000150, those pages, can you describe what this document is?	24	distance for what purpose?
20	this document is?	25	A Again, it provides the Agency with an
	Page 118		5 100
	Fage 110		Page 120
1	A This appears to be a final test report for	1	
1 2	2	1 2	Page 120 understanding of the emissions at the specific points during the operation throughout the full useful life
	A This appears to be a final test report for		understanding of the emissions at the specific points
2	A This appears to be a final test report for the emissions data vehicle.	2	understanding of the emissions at the specific points during the operation throughout the full useful life
2 3	<ul><li>A This appears to be a final test report for the emissions data vehicle.</li><li>Q So, can you explain the relevance of this</li></ul>	2 3	understanding of the emissions at the specific points during the operation throughout the full useful life of the product, and so that identifies what test point
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	Page 121		Page 123
1	the deteriorated emissions performance of the	1	regulations don't stipulate a specific year in which
2	particular vehicle?	2	that may happen. But as we review the results we may
3	A Yes.	3	make requests for additional data.
4	MR. CHU: Objection, leading, suggestive.	4	MR. CHU: Objection after yes. We're
5	He's asked a series of questions and now he wants the	5	getting about narratives and I will start objecting
6	answer and he's leading.	6	after he answers the question but adds non-responsive
7	MR. KLEPP: I'm just trying to move it	7	responses to it. So, I'm objecting after yes.
8	along, Your Honor.	8	JUDGE BIRO: Overruled. Go ahead.
9	JUDGE BIRO: Sustained. Go ahead. Try	9	MR. KLEPP: Thank you, Your Honor.
10	again.	10	BY MR. KLEPP:
11	MR. KLEPP: Okay.	11	Q I would ask, Mr. Jackson, would you please
12	BY MR. KLEPP:	12	turn your attention to what is marked Exhibit CX-one-
13	Q Mr. Jackson, would you please what's the	13	one-zero.
14	purpose of a deterioration factor in the test process?	14	JUDGE BIRO: This is Complainant's Exhibit
15	A The deterioration factor characterizes the	15	110?
16	performance of the product over its full useful life	16	MR. KLEPP: At this time it's one-one-zero,
17	so that when the Agency conducts testing on a product,	17	Your Honor.
18	particularly at low-hour test points, it has a basis	18	JUDGE BIRO: Yes, why can't we call them
19	for determining full useful life performance without	19	110?
20	testing that particular vehicle to full useful life.	20	MR. KLEPP: Okay.
21	So	21	(Laughter.)
22	Q Are there limitations on use of	22	JUDGE BIRO: That would be so much easier
23	deterioration factors?	23	for me if we could just do that.
24	MR. CHU: Objection. He has not been	24	MR. KLEPP: Your Honor, CX110.
25	qualified as an expert in that area in terms of	25	JUDGE BIRO: Thank you.
	Page 122		Page 124
1	MR. KLEPP: May I try again? May I try	1	BY MR. KLEPP:
2	MR. KLEPP: May I try again? May I try again, Your Honor?	2	BY MR. KLEPP: Q Are you there, Mr. Jackson?
2 3	MR. KLEPP: May I try again? May I try again, Your Honor? JUDGE BIRO: Sure.	2 3	BY MR. KLEPP: Q Are you there, Mr. Jackson? A Yes, I am.
2 3 4	MR. KLEPP: May I try again? May I try again, Your Honor? JUDGE BIRO: Sure. BY MR. KLEPP:	2 3 4	<ul><li>BY MR. KLEPP:</li><li>Q Are you there, Mr. Jackson?</li><li>A Yes, I am.</li><li>Q Thank you. Do you recognize this document?</li></ul>
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	Page 125		Page 127
1	page EPA 0001477.	1	program, anything that seems inaccurate, wrong, or
2	JUDGE BIRO: In the middle of the page it	2	concern about this particular description?
3	says "Test Date 7-18-2014".	3	A So, I assume you want me to read to myself
4	MR. KLEPP: Oh.	4	and identify it verbally?
5	JUDGE BIRO: And the signature line says	5	Q Please read to yourself and then speak from
6	"7-21".	6	it.
7	MR. KLEPP: I understand. At the bottom	7	A So, this paragraph seems to indicate that
8	there's a signature and a date and that's where I was	8	testing was done in a manner consistent with 40 C.F.R.
9	looking.	9	Part 1051. The concern we would have is that this is
10	MR. CHU: My bad. And we would accept the	10	a highway motorcycle which ought to be compliant with
11	two dates.	11	40 C.F.R. Part 86.
12	MR. KLEPP: Okay.	12	Q And does it, in this short sentence that
13	BY MR. KLEPP:	13	makes up this paragraph, refer to a highway
14	Q So, going back to everybody in the room who	14	motorcycle?
15	understands except me, going back to the date on this	15	A In this paragraph no. It refers to off-road
16	test date, would you please repeat that?	16	ATV.
17	A The test date says July 18, 2014.	17	Q I'd ask for you then to draw your attention
18	Q And then turning to the very next page, EPA	18	to by the way, if it were looking back at the
19	001478, is there an engine family identified there?	19	picture does that appear on EPA 001478 is that a
20	A Yes.	20	picture of what you're based on your knowledge
21	Q And would you please refer to that engine	21	working in this program appears to be a highway
22	family and its number?	22	motorcycle or an ATV?
23	A The engine family name or number is	23	A Based on this picture it appears to me to be
24	CTAOC.049MC1.	24	a highway motorcycle.
25	Q And is there a vehicle identification number	25	Q And the engine family that is identified in
	Page 126		Page 128
			Page 120
1	on this document?	1	this front part of this test report is that an engine
1 2		1 2	5
	on this document?		this front part of this test report is that an engine
2	on this document? A Yes.	2	this front part of this test report is that an engine family typically identified with a highway motorcycle or an ATV? A A highway motorcycle.
2 3	on this document? A Yes. Q Would you please read the last five digits of this vehicle identification number? A Zero-zero-zero-one.	2 3	this front part of this test report is that an engine family typically identified with a highway motorcycle or an ATV? A A highway motorcycle. Q Highway motorcycles under the regulations
2 3 4	on this document? A Yes. Q Would you please read the last five digits of this vehicle identification number?	2 3 4	this front part of this test report is that an engine family typically identified with a highway motorcycle or an ATV? A A highway motorcycle. Q Highway motorcycles under the regulations that you're familiar with, do they have what is the
2 3 4 5	on this document? A Yes. Q Would you please read the last five digits of this vehicle identification number? A Zero-zero-zero-one.	2 3 4 5	<ul> <li>this front part of this test report is that an engine family typically identified with a highway motorcycle or an ATV?</li> <li>A A highway motorcycle.</li> <li>Q Highway motorcycles under the regulations that you're familiar with, do they have what is the useful life distance for that vehicle?</li> </ul>
2 3 4 5 6 7 8	<ul> <li>on this document?</li> <li>A Yes.</li> <li>Q Would you please read the last five digits</li> <li>of this vehicle identification number?</li> <li>A Zero-zero-zero-one.</li> <li>Q Recalling what I asked you about the other</li> <li>test data</li> <li>A Yes.</li> </ul>	2 3 4 5 6 7 8	this front part of this test report is that an engine family typically identified with a highway motorcycle or an ATV? A A highway motorcycle. Q Highway motorcycles under the regulations that you're familiar with, do they have what is the
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2 3 4 5 6 7 8 9 10	<ul> <li>on this document?</li> <li>A Yes.</li> <li>Q Would you please read the last five digits</li> <li>of this vehicle identification number?</li> <li>A Zero-zero-zero-one.</li> <li>Q Recalling what I asked you about the other</li> <li>test data</li> <li>A Yes.</li> <li>Q as part of CX004, is this the same</li> <li>vehicle identification number or different?</li> </ul>	2 3 4 5 6 7 8 9 10	<ul> <li>this front part of this test report is that an engine family typically identified with a highway motorcycle or an ATV?</li> <li>A A highway motorcycle.</li> <li>Q Highway motorcycles under the regulations that you're familiar with, do they have what is the useful life distance for that vehicle?</li> <li>A For this vehicle it would be 6,000 kilometers.</li> <li>Q I'd ask for you to please turn to page</li> </ul>
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2 3 4 5 6 7 8 9 10 11 12	<ul> <li>on this document?</li> <li>A Yes.</li> <li>Q Would you please read the last five digits</li> <li>of this vehicle identification number?</li> <li>A Zero-zero-zero-one.</li> <li>Q Recalling what I asked you about the other</li> <li>test data</li> <li>A Yes.</li> <li>Q as part of CX004, is this the same</li> <li>vehicle identification number or different?</li> <li>A This would be a different number.</li> <li>Q Now I'd ask for you to also look oh, from</li> </ul>	2 3 4 5 6 7 8 9 10 11 12	<ul> <li>this front part of this test report is that an engine family typically identified with a highway motorcycle or an ATV?</li> <li>A A highway motorcycle.</li> <li>Q Highway motorcycles under the regulations that you're familiar with, do they have what is the useful life distance for that vehicle?</li> <li>A For this vehicle it would be 6,000 kilometers.</li> <li>Q I'd ask for you to please turn to page within this document 001482. Looking there, what do you see on that page in terms of well, let me</li> </ul>
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	<ul> <li>on this document?</li> <li>A Yes.</li> <li>Q Would you please read the last five digits of this vehicle identification number?</li> <li>A Zero-zero-zero-one.</li> <li>Q Recalling what I asked you about the other test data</li> <li>A Yes.</li> <li>Q as part of CX004, is this the same vehicle identification number or different?</li> <li>A This would be a different number.</li> <li>Q Now I'd ask for you to also look oh, from the pictures here and what you know described in terms of the engine family, what kind of vehicle is being tested?</li> <li>A This appears to be a Class 1A highway motorcycle.</li> <li>Q And if you would please look at regulated under what part if it was a vehicle and engine highway motorcycle?</li> <li>A 40 C.F.R. Part 86.</li> <li>Q I would ask for you to draw your attention</li> </ul>	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	<ul> <li>this front part of this test report is that an engine family typically identified with a highway motorcycle or an ATV?</li> <li>A A highway motorcycle.</li> <li>Q Highway motorcycles under the regulations that you're familiar with, do they have what is the useful life distance for that vehicle?</li> <li>A For this vehicle it would be 6,000 kilometers.</li> <li>Q I'd ask for you to please turn to page within this document 001482. Looking there, what do you see on that page in terms of well, let me rephrase my question.</li> <li>What's the purpose of this page?</li> <li>A This page appears to provide the test results.</li> <li>Q And those test results, can you read them and say what they are showing?</li> <li>A Sure. So, the it provides the hydrocarbon, NOx, and CO emissions and it adds the HC+NOx emissions. It provides the multiplicative deterioration factor as provided by Taotao, indicating</li> </ul>

	Page 129		Page 131
1	little unusual	1	MR. KLEPP: Okay, thank you, Your Honor.
2	Q Before you go further I would ask you to	2	BY MR. KLEPP:
3	please take a look at page EPA 001488.	3	Q When it says "certification application", is
4	MR. CHU: I'm sorry. I didn't hear the last	4	there an engine family that's within this report that
5	number.	5	your knowledge of the regulatory program would help
6	JUDGE BIRO: Four-eight-eight.	6	you to know the meaning of these words?
7	MR. KLEPP: Yes, Your Honor.	7	A Yes.
8	MR. CHU: Thank you.	8	Q Can you say what that is?
9	BY MR. KLEPP:	9	A CTAOC.049MC1.
10	Q Would you please talk about what is on this	10	Q In the course of your testimony today have
11	page?	11	you looked at the certificate of conformity
12	A This is the mileage accumulation log sheet.	12	application with respect to that particular engine
13	Q What does it provide in terms of the end of	13	family?
14	the mileage accumulation?	14	A Yes.
15	A It provides an odometer reading of what	15	Q And was that CX004?
16	appears to be 2,500 kilometers.	16	A The certificate was not CX the
17	Q Does that 2,500 kilometers, based on your	17	application was CX004.
18	knowledge of the regulatory program, signify anything?	18	Q Yes. If I said certificate, I meant to say
19	A That would seem to be a low-hour test point	19	certificate of conformity application.
20	for an ATV.	20	A Yes.
21	Q So, back to the page that you were looking	21	Q Okay. So, the vehicle tested in connection
22	at earlier, EPA 001482.	22	with the certificate of conformity application was the
23	A Yes.	23	same one as tested here or a different one?
24	Q With respect to what is said there in that	24	A It would appear to be a different vehicle,
25	single sentence or two sentences that describe the	25	but the same family.
	- 100		
	Page 130		Page 132
1	test, the word "useful life", do you have any concerns	1	Q And appear to be based on the different
2	test, the word "useful life", do you have any concerns when you look at that and look at the rest of this	2	Q And appear to be based on the different vehicle identification number?
2 3	test, the word "useful life", do you have any concerns when you look at that and look at the rest of this test report?	2 3	Q And appear to be based on the different vehicle identification number? A Yes.
2 3 4	test, the word "useful life", do you have any concerns when you look at that and look at the rest of this test report? A So, again, for useful life emissions	2 3 4	<ul><li>Q And appear to be based on the different vehicle identification number?</li><li>A Yes.</li><li>Q Appear to be also based on the different</li></ul>
2 3 4 5	test, the word "useful life", do you have any concerns when you look at that and look at the rest of this test report? A So, again, for useful life emissions information here is not based on actual testing to	2 3 4 5	<ul><li>Q And appear to be based on the different vehicle identification number?</li><li>A Yes.</li><li>Q Appear to be also based on the different times that the two tests were performed?</li></ul>
2 3 4 5 6	test, the word "useful life", do you have any concerns when you look at that and look at the rest of this test report? A So, again, for useful life emissions information here is not based on actual testing to full useful life, but based on the application of a	2 3 4 5 6	<ul> <li>Q And appear to be based on the different vehicle identification number?</li> <li>A Yes.</li> <li>Q Appear to be also based on the different times that the two tests were performed?</li> <li>A Yes.</li> </ul>
2 3 4 5 6 7	test, the word "useful life", do you have any concerns when you look at that and look at the rest of this test report? A So, again, for useful life emissions information here is not based on actual testing to full useful life, but based on the application of a deterioration factor. However, when I look at what	2 3 4 5 6 7	<ul> <li>Q And appear to be based on the different vehicle identification number?</li> <li>A Yes.</li> <li>Q Appear to be also based on the different times that the two tests were performed?</li> <li>A Yes.</li> <li>Q I'm back on page EPA 001482. In order for</li> </ul>
2 3 4 5 6 7 8	test, the word "useful life", do you have any concerns when you look at that and look at the rest of this test report? A So, again, for useful life emissions information here is not based on actual testing to full useful life, but based on the application of a deterioration factor. However, when I look at what appears to be the deterioration factor a	2 3 4 5 6 7 8	<ul> <li>Q And appear to be based on the different vehicle identification number?</li> <li>A Yes.</li> <li>Q Appear to be also based on the different times that the two tests were performed?</li> <li>A Yes.</li> <li>Q I'm back on page EPA 001482. In order for that piece of information about the multiplicative</li> </ul>
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	Page 133		Page 135
1	application what would you need to know?	1	A The carburetor introduces the fuel-air
2	A We would want to know that the engine that	2	mixture into the combustion chamber.
3	was used for this vehicle was the same, had the same	3	Q What is an adjustable parameter?
4	control strategy, you would want to know that the	4	A It is an engine control strategy for an
5	exhaust system was the same, same catalyst, same	5	MR. CHU: I'm going to object to be
6	precious metal loading, et cetera.	6	irrelevant. In this case here, adjustable parameters
7	Q Speaking to the catalysts in this case, as	7	that's not something that has been alleged. It was
8	you're aware the violations are that the production	8	something that was done before.
9	vehicles are different, catalytic converters are	9	JUDGE BIRO: It's relevant to the issue of
10	different than those certified and covered under the	10	penalty based on their claim of a prior history. So,
11	COC.	11	overruled. Go ahead.
12	MR. CHU: Objection, Your Honor. I don't	12	MR. KLEPP: Thank you, Your Honor.
13	believe that's an accurate reflection of what the	13	Before I proceed there I would like to just
14	complaint states.	14	step back and ask a couple of other catalytic
15	JUDGE BIRO: I think it is.	15	converter questions of Mr. Jackson.
16	MR. CHU: That is different. I thought they	16	BY MR. KLEPP:
17	used much stronger language.	17	Q You were talking a little bit about this
18	JUDGE BIRO: Well, it might have used much	18	difference between the COC application engine
19	stronger language.	19	emissions data vehicle and the test here in CX110.
20	MR. CHU: Yes.	20	Can you talk about the difference between a three-way
21	JUDGE BIRO: But for this purposes	21	catalyst and a palladium-only catalyst and a concern,
22	MR. KLEPP: I'm not willing to use stronger	22	if any, there?
23	language, Your Honor.	23	A Sure. So, again the concern would be, as
24	JUDGE BIRO: saying that they're	24	alluded to earlier, a catalyst with rhodium, platinum
25	different is the basis of the violation so I think	25	and palladium, and we would assume if the based on
	Page 134		Page 136
1		1	5
1 2	it's sufficient.	1	the loading and the ratios that it has the ability to
	it's sufficient. MR. CHU: Yes, Your Honor.		the loading and the ratios that it has the ability to become compliant throughout its full useful life. A
2	it's sufficient.	2	the loading and the ratios that it has the ability to
2 3	it's sufficient. MR. CHU: Yes, Your Honor. JUDGE BIRO: Please proceed.	2 3	the loading and the ratios that it has the ability to become compliant throughout its full useful life. A catalyst that is palladium only we would initially
2 3 4	it's sufficient. MR. CHU: Yes, Your Honor. JUDGE BIRO: Please proceed. MR. KLEPP: Thank you.	2 3 4	the loading and the ratios that it has the ability to become compliant throughout its full useful life. A catalyst that is palladium only we would initially have some concerns about the durability I'm sorry,
2 3 4 5	it's sufficient. MR. CHU: Yes, Your Honor. JUDGE BIRO: Please proceed. MR. KLEPP: Thank you. BY MR. KLEPP:	2 3 4 5	the loading and the ratios that it has the ability to become compliant throughout its full useful life. A catalyst that is palladium only we would initially have some concerns about the durability I'm sorry, that was palladium only we would have concerns about
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2 3 4 5 6 7 8	<ul> <li>it's sufficient.</li> <li>MR. CHU: Yes, Your Honor.</li> <li>JUDGE BIRO: Please proceed.</li> <li>MR. KLEPP: Thank you.</li> <li>BY MR. KLEPP:</li> <li>Q Would a different, a vehicle equipped with a different catalytic converters than the vehicle tested here in CX110, could that vehicle provide an accurate</li> </ul>	2 3 4 5 6 7 8	the loading and the ratios that it has the ability to become compliant throughout its full useful life. A catalyst that is palladium only we would initially have some concerns about the durability I'm sorry, that was palladium only we would have concerns about its durability about its full useful life. A palladium-only catalyst could potentially have very similar results as a palladium, platinum, rhodium
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	idge 157		rage 199
1	that expert because we told him that we needed that	1	MR. CHU: Right. It's a low usage, and so
2	expert. Now a non-expert is challenging what he did	2	that was the agreed test plan of which the evidence
3	in the situation, and I believe that emissions was not	3	will show my client spent over \$200,000 at their
4	going to be an issue in terms of what we're doing in	4	request to have those things done with this approved
5	this case here because there is virtually no emission	5	EPA contractor. So, now we're attacking this
6	violation to support the case, plus this is what the	6	contractor, we're attacking the test plan, and I'm not
7	DOJ was talking about as well in their letter of what	7	sure if that's appropriate or relevant for the purpose
8	this case was supposed to be about. It's about the	8	of the complaint and subject to the DOJ's letter.
9	regulatory scheme.	9	JUDGE BIRO: Okay. I don't know what you
10	So, it appears that this is not relevant to	10	agreed to, but I think to the extent that it's
11	the complaint and to the letter issued by the	11	relevant to harm to the program it's going to come in.
12	Department of Justice.	12	If you feel you need to call and respond CEE you can
13	JUDGE BIRO: Okay, Mr. Klepp.	13	call them in your case or on rebuttal. If you can't
14	MR. KLEPP: Thank you, Your Honor. What	14	do that now because you somehow relied in an agreement
15	we're talking about here with Mr. Jackson is the	15	with the Agency, I will give you a chance to call them
16	program and potential harm. What we've agreed to	16	at a later date.
17	through courses of communication with counsel had to	17	MR. CHU: Thank you, Your Honor.
18	do with our penalty calculation. For purposes of	18	MR. KLEPP: Thank you, Your Honor.
19	penalty calculation, we modified for the Counts 1	19	JUDGE BIRO: Please proceed.
20	through 8 from major to moderate. That's different.	20	MR. KLEPP: May I please have the last
21	We gave some benefit to these test results over there	21	question read back?
22	for purposes of penalty calculation.	22	(Whereupon, the record was played back by
23	What is still an issue for penalty	23	the court reporter.)
24	calculation purposes is just what Mr. Jackson is	24	BY MR. KLEPP:
25	testifying to right now program harm. If things	25	Q Should I repeat it?
	Page 138		Page 140
1	are getting by that aren't up to the regulatory	1	A So, if you're asking if we received this as
2	requirements in terms of emissions test harm has	2	the only test data for a product would we issue
3	occurred and that's what I'm asking from his	3	another test might issue a test order to evaluate
4	testimony.	4	the product ourselves.
5	MR. CHU: May I respond, Your Honor?	5	Q I would like to then switch to where I was
6	JUDGE BIRO: I read the agreement in the	6	before, a carburetor as part of an engine design
7	letters from DOJ and they say that you are not going	7	specification. What is its function?
8	to seek any penalty based on actual emissions that go	8	A The carburetor introduces the fuel-air
9	above the standard. So, that is not an issue in this	9	mixture into the combustion chamber.
10	proceeding. If it relates to program harm, that is	10	Q What is an adjustable parameter?
11	something that you are allowed to seek.	11	A An adjustable parameter is an element of
12	Is your objection, Mr. Chu, to continuing to	12	design, either mechanical or otherwise, that impacts
13	ask questions in regard to emissions that relate to	13	the performance of the product such that the emissions
14	program harm or are you complaining that you need the	14	may vary, depending on how that parameter is adjusted.
15	CEE witness to deal with the emissions issue?	15	Q Is that something, a term adjustable
16	MR. CHU: It appears if this Court allows	16	parameter that your regulatory program utilizes?

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A Yes.

Q And in what sense?

A We identify for manufacturers the fact that

adjustable parameters and the adjustable range within

so we have communicated to the industry that the

communicate the ability to test anywhere within the

which those parameters may be moderated, modified, and

they need to identify in their application all

agency has the ability, and the regulations

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this testimony to come in then, yes, Your Honor.

They're talking about a test from an approved EPA

entity which the EPA suggested that they go to, and

now they're challenging it, and part of the test plan,

which this Court is very familiar with, was that they

would work with this low mileage test, low use, and

JUDGE BIRO: Low hour, is that what we're

now we're continually --

talking about?

	Page 141		Page 143
1	adjustable range.	1	MR. CHU: Your Honor, hearsay. They're
2	Q And why do you need them to test within the	2	trying to prove the truth of the matters asserted.
3	adjustable range?	3	This is not the best evidence as to any inaccuracies
4	A Because we want to be sure that given the	4	or missing or inappropriate catalyst and this
5	emissions impact associated with how that particular	5	testimony is being used to support test results of
6	parameter is adjusted that they are appropriately	6	which are not in evidence and which have not been
7	characterized in the worst case submissions.	7	proven up, have not been qualified by a competent
8	Q May a carburetor have an adjustable	8	expert.
9	parameter?	9	JUDGE BIRO: Overruled. Go ahead.
10	A Yes.	10	MR. KLEPP: Thank you.
11	Q How would that work?	11	BY MR. KLEPP:
12	A So, things like the jetting or the fuel-air	12	Q Switching topics, Mr. Jackson. In the year
13	mixture screws, idle speed set screws could be	13	of 2017 did you have an opportunity to conduct a
14	consider adjustable parameters, depending on the range	14	selective enforcement audit with respect to Taotao
15	in which they set them.	15	USA?
16	Q And if a manufacturer submits a certificate	16	A Yes.
17	of conformity application failing to identify an	17	Q And did you also conduct a selective
18	adjustable parameter carburetor what's the potential	18	enforcement audit with respect to Taotao Group, Inc.?
19	harm to the program in that situation?	19	A Yes.
20	A We would not necessarily be aware that there	20	Q And JCXI, as well?
21	was the potential for emissions to be a lot higher	21	A That was the manufacturer, the OEM
22	than how they were characterized in the application if	22	identified, yes.
23	in fact it's adjustable outside the range for which	23	Q Where did that selective enforcement audit
24	the Agency is aware.	24	take place?
25	Q If that were to occur with respect to a	25	A So, the selection occurred in Lishui in
	Page 142		Page 144
			Iuge III
1	highway motorcycle what part of the regulation, what	1	
1 2	highway motorcycle what part of the regulation, what provisions under the regulations would be violated?	1	China at their production facility. Q Who attended from your Gasoline Engine
		1	China at their production facility.
2	provisions under the regulations would be violated?	2	China at their production facility. Q Who attended from your Gasoline Engine
2 3	provisions under the regulations would be violated? A So, if a manufacturer has an adjustable	2 3	China at their production facility. Q Who attended from your Gasoline Engine Compliance Center at that selective enforcement audit?
2 3 4	provisions under the regulations would be violated? A So, if a manufacturer has an adjustable parameter that has not been identified, that in and of	2 3 4	<ul><li>China at their production facility.</li><li>Q Who attended from your Gasoline Engine</li><li>Compliance Center at that selective enforcement audit?</li><li>A Cleophas Jackson, Emily Chen, Mike Delduca.</li></ul>
2 3 4 5	provisions under the regulations would be violated? A So, if a manufacturer has an adjustable parameter that has not been identified, that in and of itself is a violation of 40 C.F.R. Part 86. In	2 3 4 5	<ul> <li>China at their production facility.</li> <li>Q Who attended from your Gasoline Engine</li> <li>Compliance Center at that selective enforcement audit?</li> <li>A Cleophas Jackson, Emily Chen, Mike Delduca.</li> <li>Q And when you were at the Lishui location who</li> </ul>
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	Page 145		Page 14/
1	was filed in 2015, I believe, and, you know, we talked	1	A It was a full day audit, and we left late in
2	about adjustable parameters and harm, and again my	2	the evening, maybe about eight 8:30.
3	objection was that it's the issue here is harm to	3	Q Your purpose in going there was to select
4	the program, and not harm as to emissions. I want to	4	vehicles representing engine families?
5	make that clear. And so now we've gone, I believe,	5	MR. CHU: Objection. Leading, suggestive,
6	beyond by asking about a sub-audit in 2017 of entities	6	Your Honor.
7	in China.	7	JUDGE BIRO: It's transitional.
8	JUDGE BIRO: Okay. Do you have a response?	8	MR. KLEPP: I'm sorry?
9	MR. KLEPP: I think I'm on firm ground, Your	9	JUDGE BIRO: Overruled. Go ahead.
10	Honor. It talks about the ability to pay issue. It	10	MR. KLEPP: Thank you.
11	also talks about the level of sophistication in terms	11	THE WITNESS: Yes, we were going to select
12	of compliance with the regulations and potential	12	families for testing.
13	program harm in that respect.	13	BY MR. KLEPP:
14	JUDGE BIRO: So, an audit conducted in 2017	14	Q How many engine families did you identify?
15	regarding their manufacturing facilities is going to	15	A There were three engine families selected,
16	what exactly? It's going to	16	eight vehicles each initially.
17	MR. KLEPP: I think it	17	MR. CHU: Your Honor, I'm going to object.
18	JUDGE BIRO: program harm?	18	I don't think I've seen these selective audit reports,
10 19	MR. KLEPP: It goes to program harm because	19	one; which company they were at; which manufacturer;
20	he had an opportunity during that selective	20	these types of things. I can't defend and the witness
20	enforcement audit to I believe I'd be jumping the	20	
21 22		21	is talking about hearsay so I haven't seen these audits.
	gun a little bit, but what I believe Mr. Jackson is	22	
23	going to say my offer of proof is when asked he had	-	JUDGE BIRO: That would have been in
24	an opportunity to observe conditions on the factory	24	discovery. If you asked for it you would have gotten
25	floor. So, I think that goes to robustness in terms	25	it. I really I don't see what the argument could
	- 146		- 140
	Page 146		Page 148
1	Page 146	1	Page 148 be now, so I'm going to overrule.
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	Page 149		Page 151
1	itself if it's being accepted, and I would object to	1	for that.
2	this witness testifying about presentations as to this	2	JUDGE BIRO: Mr. Jackson, are you familiar
3	document and not identifying clearly who that	3	with this exhibit?
4	particular person was communicating with him on behalf	4	THE WITNESS: Yes.
5	of it's non-responsive, it's vague in terms of	5	JUDGE BIRO: Have you looked through it? Is
6	it's not a vague question. The response is non-	6	it exactly what you received on the day that you did
7	responsive because it's vague in terms of the answer.	7	your inspection?
8	JUDGE BIRO: Okay. Hearsay is admissible.	8	THE WITNESS: Yes. It does not appear to be
9	He's trying to lay a foundation for the document.	9	different from what we saw when we were there in
10	He's asking the basic questions. Overruled.	10	Lishui.
11	MR. KLEPP: Thank you, Your Honor.	11	MR. CHU: I'm going to object. It's not
12	BY MR. KLEPP:	12	responsive to the question. Was this the exact copy?
13	Q Mr. Jackson, in the course of your	13	He referred to something about similar to the
14	conducting a selective enforcement audit, Gasoline	14	presentation.
15	Engine Compliance Center, is it the ordinary course of	15	JUDGE BIRO: Is this the presentation that
16	business to collect information during those audit	16	you received?
17	procedures?	17	THE WITNESS: Yes.
18	A Yes.	18	JUDGE BIRO: Yes.
19	Q Is this document that you're looking at,	19	THE WITNESS: Yes.
20	CX191, the type of information that you would usually	20	JUDGE BIRO: And does this relate to
21	receive in the course of a selective enforcement	21	Taotao's motorcycles, cars production at its
22	audit?	22	facilities?
23	A Yes.	23	THE WITNESS: Yes, this relates to Taotao's
24	Q Is it the ordinary course of Gasoline Engine	24	production at their facility.
25	Compliance Center's business to maintain records of	25	JUDGE BIRO: Okay. Admitted.
	Dago 150		Dago 152
	Page 150		Page 152
1	documents received during a selective enforcement	1	MR. KLEPP: Thank you, Your Honor.
2	documents received during a selective enforcement audit?	2	MR. KLEPP: Thank you, Your Honor. (The document referred to was
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	Page 153		Page 155
1	of the other entities because the evidence will show	1	Mr. Matao Cao's Yuejin Cao and Mr. Matao Cao's
2	that he met other entities there. They're not being	2	mother were present.
3	clear and responsive to the questions and they're just	3	Q And looking at page 002522, who was speaking
4	leaving it as one name.	4	while this page was in front of you, if you remember?
5	JUDGE BIRO: Okay, Mr. Chu, on cross-	5	A Sure. So, it was a combination of
6	examination you can clarify all those issues.	6	individuals speaking and describing the structure of
7	Overruled.	7	the company.
8	MR. KLEPP: Thank you, Your Honor.	8	Q Who were those individuals?
9	BY MR. KLEPP:	9	A Initially it was the engineer who was giving
10		10	the presentation, and then Mr. Matao Cao and Mr.
	Q So, on the cover of this page document do		-
11	you see a reference to any of the Taotao entities as	11 12	Yuejin Cao spoke.
12	you understand them?		Q What was the sum and substance of what they
13	A On the cover page?	13	were saying to you at that time?
14	Q Yes.	14	A They were saying that these companies were
15	A Yes, there's a reference to Taotao Group	15	all related and that Mr. Yuejin Cao had the
16	Company, Limited.	16	responsibility for the overall company, but that Mr.
17	Q And then internally will you please look at	17	Matao Cao had specific responsibility for the U.S.
18	the very next page, EPA 0002520? Do you also see a	18	entities.
19	reference to any of the Taotao entities as you	19	Q From the conference room where did you go
20	understand them?	20	next?
21	A Again there's a reference to Taotao Group	21	A So, we then proceeded to the production
22	Company, Limited.	22	floor.
23	Q And going down two pages further I'd ask for	23	Q And production floor for what purpose?
24	you to please look at page 002522. I'd ask for you to	24	A To begin the selection and audit process.
25	please describe what's on that page and your	25	Q And can you say what happened next in terms
		1	
	Page 154		Page 156
1		1	-
1 2	understanding.	1	of audit selection, vehicle selection, audit process?
	understanding. A The page is titled "Taotao China and Taotao		of audit selection, vehicle selection, audit process? A Sure. We provided a series of serial
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	Page 157		Page 159
1	JUDGE BIRO: I'll let you clarify on cross-	1	to us.
2	examination.	2	MR. KLEPP: Your Honor, I am practically
3	MR. CHU: Thank you, Your Honor.	3	complete with questions. I would like to track back
4	JUDGE BIRO: Go ahead, Mr. Jackson.	4	to CX110, the emissions test there, and offer it at
5	THE WITNESS: So, again, we issued test	5	this time as evidence.
6	orders for Taotao USA and Tao Motors, and so we went	6	JUDGE BIRO: Okay.
7	to the production floor where those engine families	7	MR. KLEPP: Did I say that right, 110.
8	that we identified were being produced, and made the	8	JUDGE BIRO: Okay. Complainant's Exhibit
9	selection based on that.	9	110, it's the one we argued about the dates. Is there
10	I don't speak or read Mandarin, or I think	10	an objection?
11	there's a local dialect in that area, I don't speak	11	MR. CHU: I stated in my earlier objection
12	the local dialect either, and so I don't know if there	12	about the use of this test, that they are attempting
13	were some other distinction identified on the	13	to discredit this approved CEE company that's approved
14	production floor, but from what we could tell they	14	and suggested by the EPA. So, for those purposes we
15	were simply production lines for which these engine	15	would object to its admission.
16	families were being produced, from which these engine	16	JUDGE BIRO: Okay.
17	families were being produced.	17	MR. KLEPP: That it impeach their own
18	BY MR. KLEPP:	18	contractor.
19	Q Tracking back to what you described earlier	19	JUDGE BIRO: Okay. We're going to overrule
20	in the conference room and the situation there, did	20	the objection. We're going to admit the exhibit,
21	anyone from the Respondents say anything to you	21	Complainant's Exhibit 110.
22	concerning business plans and an initial public	22	//
23	offering?	23	//
24	A They did. They indicated that they were	24	
25	planning to transition more to the use of Tao Motors	25	(The document referred to was
	Page 158		Page 160
1		1	
1 2	in the United States and that they planned to build	1	marked for identification as
	in the United States and that they planned to build new facilities there in Lishui. They actually talked		
2	in the United States and that they planned to build	2	marked for identification as Complainant's Exhibit No.
2 3	in the United States and that they planned to build new facilities there in Lishui. They actually talked about the fact they they were pretty proud of the	2 3	marked for identification as Complainant's Exhibit No. 110, and was received in
2 3 4	in the United States and that they planned to build new facilities there in Lishui. They actually talked about the fact they they were pretty proud of the fact they had a new facility being built there in	2 3 4	marked for identification as Complainant's Exhibit No. 110, and was received in evidence.)
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circumstances. It talks about the regulatory scheme.	1	violations basically.
I want to steer away from the DOJ issues and	2	And so they want to talk about potential
the more we have these emissions tests coming in it	3	harm. Well, you can't talk about potential harm if
appears we're pushing in that direction that they've	4	there are no emission violations, and they've not been
said we shouldn't be. So, that's what I'm saying.	5	allowed to allege emission violations because if they
JUDGE BIRO: Doesn't it go to the gravity of	6	do we've got to go to the District Court to address
the violation, these tests?	7	those issues.
MR. CHU: Then I believe we've stepped over	8	So, I'm at a little loss as to why we're
the line if we go there.	9	being pulled in that direction, and now he wants these
JUDGE BIRO: Okay, what do you think, Mr.	10	test results to come in and make the argument that
Klepp?	11	there is a potential harm when in fact they authored
MR. KLEPP: Your Honor, on the same point	12	this particular test plan or assisted in it, and as
that I made earlier that they all in some aspect	13	such they should not be able to argue that,
represent they represent two things in this case.	14	particularly in light of the fact that the emissions
On the one hand it's how EPA calculated its gravity	15	testing that they wanted done show that there was no
with respect to base gravity, whether we were	16	harm in this situation.
minor, moderate, or major, and for the counts that	17	JUDGE BIRO: I understand the point that
they apply to, Counts 1 through 8, EPA in its	18	you're making and I agree that we are limited in to
discretion made a determination moderate.	19	the types of damages that can be awarded here. But
Why? Because these low-hour tests gave us	20	that seems to me a point to be made in the post-
something. So, Ms. Isin will testify about what was	20	hearing brief, to argue what are the limits to the
going on in her calculation of the penalty in that	22	
respect. That's over there.	22	damages that can be awarded, what can be the basis for the award of damages and what are the limits.
1	23	But as to these exhibits I don't see that
But what Mr. Jackson is testifying to all	24	they're not relevant or material in some way to the
has to do with programmatic harm associated with	25	they re not relevant or material in some way to the
	1	
Page 162		Page 164
	1	
getting documents such as these test reports.	1	issue of determining an appropriate penalty in this
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	Page 165		Page 167
1	referring to.	1	MR. KLEPP: Yes, Your Honor.
2	JUDGE BIRO: Aren't we talking about	2	JUDGE BIRO: Okay. So, Mr. Jackson, please
3	Complainant's Exhibits 99 through 122?	3	don't discuss your testimony while we're on break
4	MR. KLEPP: Yes, Your Honor.	4	because Mr. Chu on cross is entitled to have you as if
5	MR. CHU: Again, Your Honor, I apologize.	5	we continued on just like now, okay?
6	The way that they're grouped it's hard for me to focus	6	THE WITNESS: Yes, Your Honor.
7	on that as counsel was having difficulty as well. So,	7	MR. CHU: That also include the attorneys as
8	if he's not talking about RX9 and 10	8	far as discussing?
9	JUDGE BIRO: No. He's just talking about	9	JUDGE BIRO: Right, but I assume that Mr.
10	Exhibits 99 through 122.	10	Jackson, the attorneys know what the rules are.
11	MR. CHU: Those that are covered in the	11	MR. CHU: Yes, Your Honor.
12	plan.	12	JUDGE BIRO: Tell Mr. Jackson because he may
13	JUDGE BIRO: Yes.	13	not know.
14	MR. CHU: Okay. Then I'll step back a	14	MR. CHU: Yes, Your Honor, I understand.
15	little bit on the objection, but I'll stand on the	15	Thank you.
16	rest of it.	16	JUDGE BIRO: We'll stand in recess. How
17	JUDGE BIRO: Okay. Well, then we're going	17	long do you think you'll need?
18	to overrule and admit Complaint's Exhibits 99 through	18	MR. CHU: For lunch?
19	122.	19	JUDGE BIRO: Yes.
20	//	20	MR. CHU: Oh, an hour, Your Honor.
21	//	21	JUDGE BIRO: Okay, so we'll stand in recess
22	//	22	until 1:15.
23	//	23	MR. CHU: That would be fine.
24	//	24	JUDGE BIRO: Okay.
25		25	MR. KLEPP: Thank you, Your Honor.
	Page 166		Page 168
1	(The documents referred to	1	(Whereupon, at 12:15 p.m., the hearing in
2	were marked for	2	the above-entitled matter was recessed, to resume at
3	identification as	3	1:15 p.m. this same day, Tuesday, October 17, 2017.)
4	Complainant's Exhibit Nos. 99	4	//
5	through 109, inclusive, 111	5	//
6	through 122, inclusive, and	6	//
7	were received in evidence.)	7	//
8	MR. KLEPP: Thank you, Your Honor. I	8	//
9	believe I have no further questions. May I just take	9	//
10	a moment on the side over here.	10	//
11	JUDGE BIRO: Of course, but I was thinking	11 12	//
12 13	that we could break for lunch. You could discuss if you have any further questions, and then we could	13	// //
14	either proceed with those questions or proceed with	14	// //
15	Mr. Chu's cross-examination. Would that be	15	// //
16	acceptable?	16	//
17	MR. CHU: I'm sorry, I didn't catch. We're	17	//
18	going to break for lunch and we're going to begin the	18	//
19	cross-examination?	19	//
20	JUDGE BIRO: Unless it turns out that there	20	 //
	JUDGE BIRO: Unless it turns out that there		
21		21	//
	are a few extra questions that you want to ask. MR. CHU: Right. Okay.	21 22	// //
21	are a few extra questions that you want to ask.		
21 22	are a few extra questions that you want to ask. MR. CHU: Right. Okay.	22	//
21 22 23	are a few extra questions that you want to ask. MR. CHU: Right. Okay. JUDGE BIRO: Would that be acceptable?	22 23	// //

	Page 169		Page 171
1	AFTERNOON SESSION	1	CROSS-EXAMINATION
2	(1:16 p.m.)	2	BY MR. CHU:
3	JUDGE BIRO: Okay, Mr. Klepp, do you have	3	Q Hello, Mr. Jackson.
4	any additional questions on direct?	4	A Hell, Mr. Chu.
5	MR. KLEPP: Not at this time, Your Honor.	5	Q It's been awhile, right?
6	We would rest.	6	A Sure, it's been a few weeks.
7	JUDGE BIRO: Okay. Do you wish to conduct		Q Do you remember promising me something at
8	cross-examination?	8	the deposition that you were going to check out?
9	MR. CHU: Yes, Your Honor.	9	A Do I remember promising you something
10	JUDGE BIRO: Okay. Mr. Jackson.	10	that what was the last part?
11	Whereupon,	11	Q You know, remember we examined the
12	CLEOPHAS CAWTHORN JACKSON, JR.	12	certificate of conformity form?
13	having been previously duly sworn, was	13	A Okay. I'll take your word for it. I'm not
14	recalled as a witness herein and was examined and	14	sure what you're referring to specifically, but okay.
15	testified further as follows:	15	Q Do you remember me showing you the C.F.R.s
16	MR. CHU: Your Honor, I don't plan to go	16	from the earlier years?
17	into any CBI at this right now, so if others wanted	17	A I remember you showing me a printout with
18	to come and watch I have no problem with that.	18	some documents on it that had the regulations, what
19	JUDGE BIRO: Okay. Is that going to be true	19	appeared to be the regulations listed.
20	for your whole cross?	20	Q The reason I asked you these questions about
20	MR. CHU: Right.	20	the C.F.R. is because you testified under oath that
21	JUDGE BIRO: Okay. All right, so maybe you	22	part of what you do is to be very knowledgeable, and I
23	can take the signs back off. Thank you, Mr. Chu.	23	use the word "very", with the C.F.R.s that are
23	MR. CHU: Thank you, Your Honor.	23	relevant to what you do, is that correct?
24	We had a very nice walk over to the corner	24	A I believe I testified to the fact that we
20	we had a very filee wark over to the corner	25	A Toenever restrict to the fact that we
	Page 170		Page 172
1	Page 170 bakery. Took a cab back and got to see the Trump	1	Page 172 use the C.F.R.s because those are the regulations that
1 2		1 2	
	bakery. Took a cab back and got to see the Trump		use the C.F.R.s because those are the regulations that
2	bakery. Took a cab back and got to see the Trump Hotel. My son asked me yesterday. He said, have you	2	use the C.F.R.s because those are the regulations that govern what we do.
2 3	bakery. Took a cab back and got to see the Trump Hotel. My son asked me yesterday. He said, have you seen President Trump yet? Have you been to the White	2 3	use the C.F.R.s because those are the regulations that govern what we do. Q So, when I say "very" am I mischaracterizing
2 3 4	bakery. Took a cab back and got to see the Trump Hotel. My son asked me yesterday. He said, have you seen President Trump yet? Have you been to the White House? I said he's not ready for me.	2 3 4	use the C.F.R.s because those are the regulations that govern what we do. Q So, when I say "very" am I mischaracterizing your familiarity with the C.F.R.s and the statutes?
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	Page 173		Page 175
1	designer. Would you agree with that?	1	you got a little exposure to catalysts?
2	A I think that's an accurate statement.	2	A I did have exposure to catalysts there, yes.
3	Q Okay. You ever heard the term "Jack of all	3	Q So, it's yes that it was when you got a
4	trades"?	4	little exposure to catalysts, right?
5	A Yes, I have heard that term.	5	A I received exposure in that class, yes.
6	Q And so someone who has a little knowledge	6	Q And so who is, in your department, that
7	sometimes can be dangerous, would you agree?	7	performs technical certifications related to
8	A I would have to understand the context.	8	catalysts? Who is your catalyst expert? Do you have
9	Q Okay. We talked initially during the voir	9	a name of a person?
10	dire about nitrates.	10	A So, we certify engines and vehicles. We
11	A Yes.	11	don't certify catalysts.
12	Q Okay. And you do understand that NOx is not	12	Q Sir, who is your catalyst expert in your
13	really how you describe N-O-X representing a number.	13	department?
14	Do you know that?	14	A I don't know if we have someone we would
15	A NOx is not how we described that?	15	call a catalyst expert. We have engineers who
16	Q Right. N-O.	16	understand how the products work.
17	A NOx is the way we've characterized NO2.	17	Q Such as yourself.
18	Q Right. But in reality the N-O with the	18	A I think several people understand how the
19	small x on the bottom of the O represents the number	19	products work. I would think I have an understanding
20	of oxygens, does it not?	20	of how the products work.
21	A Yes.	21	Q But earlier I believe you don't really
22	Q So, when you describe that as NOx that's not	22	understand the process in how these catalysts are
23	really a true and accurate depiction or explanation of	23	manufactured. Is that accurate?
24	what N-O little x on the bottom means. Would you	24	A I think what I said was I've never
25	agree?	25	participated or observed the manufacturing process.
	Page 174		
	Fage 1/4		Page 176
1	-	1	Page 176 That's what I had reference to.
1 2	A No, I wouldn't agree. NOx is a reference,	1	That's what I had reference to.
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	Page 177		Page 179
1	made with metal.	1	A I'm just describing what the brick could
2	A They are more likely than not made with	2	look like. So, yes.
3	metal. Okay?	3	Q Something that's cylindrical
4	Q They are more likely made with metal.	4	A It could be oblong, but yes.
5	A Okay. I think I mentioned earlier that	5	Q You've seen oblong cylindrical shapes, have
6	there are ceramic and metal substrates.	6	you not?
7	Q Do you know one way or the other?	7	A Yes.
8	A I'm sorry. Do I know one way or the other?	8	Q Okay. Now, because we started this
9	What's the question?	9	conversation about design, remember?
10	Q Whether it's ceramic more or metals more in	10	A I do remember you broaching that, yes.
11	these types of vehicles.	11	Q And now you're speaking more words
12	A There aren't a lot of metal substrates, but	12	associated with design, correct?
13	I don't have the exact percentages so I couldn't tell	13	A I suppose so.
14	you which is more.	14	Q Okay. And so you are also aware that
15	Q Would that be a concern with your department	15	catalysts can come in different shapes as well, not
16	about the so-called technology associated with	16	just cylindrical, right?
17	catalysts?	17	A Yes.
18	A If it's a metal or a ceramic substrate?	18	Q Okay. So, who in your department would know
19	Q Yes, sir.	19	the effect of one shape versus another?
20	A Is that what you're asking? Not	20	A I think we would all take a look at that and
21	necessarily.	21	I don't know if again, if we can identify a
22	Q So, would it be acceptable that the	22	specific individual who would be called catalyst
23	substrate material be interchangeable?	23	experts, so I'm not sure I can answer that question.
24	A Well, we would want to be sure that however	24	Q Even though your department that you spot
25	the catalyst is described it is described accurately.	25	check in the performance of the responsibilities of
	Page 178		Page 180
1	Page 178 So, if it's a different substrate material than what	1	Page 180 the people under you they really have very little
1 2		1 2	
	So, if it's a different substrate material than what	1	the people under you they really have very little
2	So, if it's a different substrate material than what they've described for us that might be a concern.	2	the people under you they really have very little knowledge about catalysts, would you agree?
2 3	So, if it's a different substrate material than what they've described for us that might be a concern. That might lead us to believe that there are other things that are different about the catalyst. Q And right now I'm going to just stay with	2 3	the people under you they really have very little knowledge about catalysts, would you agree? A No, I would not agree.
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	Page 181		Page 183
1	able to get some of this wash coat, which I call	1	hydrocarbons and carbon monoxide.
2	pancake mix, so that it sticks and dries onto the	2	Q Is there a differential in terms of which
3	metal surfaces?	3	one of those three that you just stated that they're
4	A Yes.	4	more concerned with?
5	Q Okay. And you also testified that TWC	5	A That who's more concerned with?
6	represented that there would be three precious metals,	6	Q The EPA.
7	is that correct?	7	A We are concerned that the design as a whole
8	A I testified that a TWC was a three-way	8	will become compliant throughout the useful life of
9	catalyst. Usually that means to maintain it has three	9	the product.
10	precious metals, but it refers to the three equations,	10	Q So, it would be safe to say you really don't
11	three reactions that are happening.	11	know which one of those pollutants are more the focus
12	Q I'm a little bit confused by that. Okay.	12	of the EPA's attention. Would that be accurate?
13	Do you or do you not define TWC catalysts to mean that	13	A No, that would not be accurate. I didn't
14	there are at least three precious metals involved with	14	say I didn't know. I said we are concerned with all
15	that catalyst?	15	three of those pollutants.
16	A I define TWC to mean that the reactions, the	16	Q I understand that but is there one that
17	three reactions that are taking place in the catalyst,	17	you're more concerned with and why? And the reason I
18	three main reactions taking place in the catalyst.	18	ask that you talked about health effects, you talked
19	Q So, it doesn't matter what the catalytic	19	about effects to the environment. You remember that
20	material is within that catalyst. Is that what you're	20	conversation?
21	saying?	21	A I do, yes.
22	A That is not what I'm saying.	22	Q So, since you talked about it I'm going to
23	Q So again back to my question. If it's three	23	ask you about that. So, can you tell us which one of
24	does that three represent platinum, palladium and	24	those are more harmful?
25	rhodium? Yes or no.	25	A I think they each have health effects
	Page 182		Page 184
			5
1	A No, the three represents the reactions that	1	associated with them that the Agency is concerned
1 2	A No, the three represents the reactions that are taking place.	1 2	2
		1	associated with them that the Agency is concerned
2	are taking place.	2	associated with them that the Agency is concerned about. I don't feel like I'm in a position to
2 3	are taking place. Q Okay. And so it doesn't have anything to do with those precious metals. It could be 10 precious metals, right?	2 3	associated with them that the Agency is concerned about. I don't feel like I'm in a position to indicate an Agency policy that contradicts the fact
2 3 4	are taking place. Q Okay. And so it doesn't have anything to do with those precious metals. It could be 10 precious	2 3 4	associated with them that the Agency is concerned about. I don't feel like I'm in a position to indicate an Agency policy that contradicts the fact that we regulate all three of those.
2 3 4 5	are taking place. Q Okay. And so it doesn't have anything to do with those precious metals. It could be 10 precious metals, right?	2 3 4 5	associated with them that the Agency is concerned about. I don't feel like I'm in a position to indicate an Agency policy that contradicts the fact that we regulate all three of those. Q The reason I ask that you have seen
2 3 4 5 6	<ul><li>are taking place.</li><li>Q Okay. And so it doesn't have anything to do with those precious metals. It could be 10 precious metals, right?</li><li>A I didn't say it didn't have anything to do with those precious metals. Those specific precious metals bring about the reaction and the use of all</li></ul>	2 3 4 5 6	associated with them that the Agency is concerned about. I don't feel like I'm in a position to indicate an Agency policy that contradicts the fact that we regulate all three of those. Q The reason I ask that you have seen catalysts, have you not, that only contain one
2 3 4 5 6 7	<ul> <li>are taking place.</li> <li>Q Okay. And so it doesn't have anything to do with those precious metals. It could be 10 precious metals, right?</li> <li>A I didn't say it didn't have anything to do with those precious metals. Those specific precious metals bring about the reaction and the use of all three ensure the consistency of the catalyst's</li> </ul>	2 3 4 5 6 7	associated with them that the Agency is concerned about. I don't feel like I'm in a position to indicate an Agency policy that contradicts the fact that we regulate all three of those. Q The reason I ask that you have seen catalysts, have you not, that only contain one precious metal, rhodium? A There are some catalysts that may only contain rhodium.
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	Page 185		Page 187
1	Q And converts that into nitrogen, right?	1	Q And would you agree that the policy of the
2	A And oxygen.	2	EPA changes with the administrations?
3	Q Do you know whether or not the nitrogen is	3	A I would agree that the Agency's policy
4	what turns the sky blue or not?	4	changes from time to time even during an
5	A The sky is blue because of O3, the triatomic	5	administration potentially or between administrations.
6	oxygen molecule.	6	It depends on the situation.
7	Q Okay. So, obviously if the EPA and your	7	Q That's a factor, right?
8	agency, department, authorizes catalysts with only	8	A A factor, sure.
9	rhodium, then it's not necessarily true that the	9	Q And currently what is the policy on the
10	carbon monoxide, okay, is as important. Is that an	10	what EPA is supposed to do, if you know, at this time
11	accurate statement?	11	from President Trump?
12	A I would not say that's an accurate	12	A As it relates to what?
13	statement. Again, I don't feel like I'm in a position	13	Q As it relates to the actions taken by EPA
14	to be able to determine Agency policy over what's more	14	against the businesses in this country.
15	important versus another. The Agency regulates all	15	MR. KLEPP: Object to form, Your Honor, and
16	three.	16	relevancy.
17	Q How is it that you allow catalysts to be	17	JUDGE BIRO: What are you asking exactly?
18	approved with only one reaction?	18	MR. CHU: What I'm asking is my
19	A I think that in review of the application in	19	understanding, my studies of how decisions are made is
20	total and looking at the test results of the engine	20	that those matters are factored in by prior judges in
21	and potentially with confirmatory tests we may make	21	terms of the administration, the contacts. I'm just
22	the determination that the product is compliant.	22	using what I developed in terms of analysis of the
23	Q Because it doesn't harm the air, correct?	23	system.
24	A No, I'm not saying that.	24	JUDGE BIRO: I can assure you that I am not
25	Q Well, isn't the ultimate test remember	25	taking that into consideration.
	Dama 100	1	
	Page 186		Page 188
1	that chart you had that you stepped up and you	1	Page 188 MR. CHU: Thank you, Your Honor.
1 2		1 2	
	<ul><li>that chart you had that you stepped up and you</li><li>A Oh, yes.</li><li>Q Okay. And you were describing how it was</li></ul>	1	MR. CHU: Thank you, Your Honor. JUDGE BIRO: I am taking into consideration the law as it exists, the regulations as it exists,
2	<ul><li>that chart you had that you stepped up and you</li><li>A Oh, yes.</li><li>Q Okay. And you were describing how it was important that you did all those things?</li></ul>	2	MR. CHU: Thank you, Your Honor. JUDGE BIRO: I am taking into consideration the law as it exists, the regulations as it exists, and the policies that go from administration to
2 3	<ul><li>that chart you had that you stepped up and you</li><li>A Oh, yes.</li><li>Q Okay. And you were describing how it was important that you did all those things?</li><li>A That's what I was saying is that is the</li></ul>	2 3	MR. CHU: Thank you, Your Honor. JUDGE BIRO: I am taking into consideration the law as it exists, the regulations as it exists, and the policies that go from administration to administration only affect the outcome to the extent
2 3 4 5 6	<ul> <li>that chart you had that you stepped up and you</li> <li>A Oh, yes.</li> <li>Q Okay. And you were describing how it was important that you did all those things?</li> <li>A That's what I was saying is that is the chart that describes the process for certification.</li> </ul>	2 3 4	MR. CHU: Thank you, Your Honor. JUDGE BIRO: I am taking into consideration the law as it exists, the regulations as it exists, and the policies that go from administration to administration only affect the outcome to the extent they change the law or the regulations.
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	Page 189		Page 191
1	reference to the Agency, but I missed a few of your	1	But that's the limit of what we would do is to take
2	words.	2	action on the certificate.
3	Q I didn't have I left it blank. I didn't	3	The Office of Enforcement will follow up
4	know if you had any other words. You know, earlier in	4	with any sort of enforcement or penalty actions that
5	your direct examination you gave us what I consider	5	need to happen after that. We wouldn't be engaged in
6	lectures about things, so I'm asking you now if you	6	that.
7	can give me a little lecture about Agency blank,	7	Q So, do you know how this complaint went from
8	integrity, that line of thought.	8	your compliance to an enforcement investigation?
9	A I'm not sure I can respond because I'm not	9	MR. KLEPP: Your Honor, objection. That
10	sure what you're asking me.	10	calls for privileged information.
11	MR. KLEPP: Objection to form, Your Honor.	11	JUDGE BIRO: What exactly would be
12	JUDGE BIRO: Sustained.	12	privileged about that?
13	MR. CHU: All right.	13	MR. KLEPP: To the extent it does, I would
14	BY MR. CHU:	14	like to limit
15	Q You spoke heavily about outreach, and when I	15	JUDGE BIRO: Oh.
16	say "heavily" I heard it at least three times. Do you	16	MR. KLEPP: the answer to the question.
17	remember that?	17	JUDGE BIRO: Mr. Jackson, don't answer about
18	A I do remember discussing outreach, yes.	18	any discussion you had with the attorneys giving any
19	Q And do you remember in our deposition I	19	advice. Just a general process I think would be
20	talked to you about Head Start?	20	appropriate.
21	A Yes, I do remember that conversation.	21	THE WITNESS: So, if I'm clear about this, I
22	Q And basically the idea behind that was to	22	believe this case originated with the Office of
23	compare what you were doing with foreign manufacturers	23	Enforcement.
24	and manufacturers in general, even manufacturers like	24	BY MR. CHU:
25	GM in Detroit, okay, that you want as part of what you	25	Q Do you remember during your deposition we
	Page 190		Page 192
1	do is to most out and hale mostle and communics most		
	do is to reach out and help people and companies meet	1	visited the first exhibit?
2	do is to reach out and help people and companies meet or exceed the emission standards. Is that accurate?	1 2	
	or exceed the emission standards. Is that accurate?		visited the first exhibit? A I'm sorry. Would you please refresh my memory what the first exhibit was?
2		2	A I'm sorry. Would you please refresh my
2 3	or exceed the emission standards. Is that accurate? A We do want to provide compliance assistance	2 3	A I'm sorry. Would you please refresh my memory what the first exhibit was?
2 3 4	or exceed the emission standards. Is that accurate? A We do want to provide compliance assistance so that manufacturers understand what their	2 3 4	<ul><li>A I'm sorry. Would you please refresh my memory what the first exhibit was?</li><li>Q Certainly. I take it you haven't had an</li></ul>
2 3 4 5	or exceed the emission standards. Is that accurate? A We do want to provide compliance assistance so that manufacturers understand what their responsibilities are. Yes.	2 3 4 5	<ul> <li>A I'm sorry. Would you please refresh my memory what the first exhibit was?</li> <li>Q Certainly. I take it you haven't had an opportunity since your deposition to review your</li> </ul>
2 3 4 5 6	or exceed the emission standards. Is that accurate? A We do want to provide compliance assistance so that manufacturers understand what their responsibilities are. Yes. Q Now I understand that you don't really do	2 3 4 5 6	<ul> <li>A I'm sorry. Would you please refresh my memory what the first exhibit was?</li> <li>Q Certainly. I take it you haven't had an opportunity since your deposition to review your deposition. Is that accurate?</li> </ul>
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	Page 193		Page 195
1	done, would you agree?	1	and you asked me is that what I really want you to do?
2	A I think it's true that there are times when	2	Do you member that?
3	we can't get everything done in a given day.	3	A I do remember that, yes.
4	Q Because what you're entrusted with by the	4	Q So, that did happen.
5	taxpayers is to do your job accurately, correct?	5	A I looked at the document.
6	A Yes.	6	Q Well, perusal means what? You explain?
7	Q Now, when did you first become aware that	7	A A detail review of the document.
8	Chinese vehicle manufacturers, okay, was a focus of	8	Q So, you did more than just look at it,
9	attention for the EPA?	9	didn't you?
10	A So, I guess to answer that question I have	10	A I looked at the document. I didn't commit
11	to be clear that it's not just Chinese manufacturers	11	it to memory.
12	that are the focus of the EPA. So, I don't want to	12	Q Oh, I understand, but you explained on the
13	answer incorrectly.	13	record that did I want you to peruse it or not, and
14	If you said Chinese manufacturers are a	14	you said that would require you to take time and read
15	focus, I'd have to say we address all manufacturers	15	it in detail. Is that accurate?
16	regardless of country of origin.	16	A Yes, but I don't recall your response at
17	MR. CHU: Your Honor, may I use the	17	this time if you asked me to just peruse it or just
18	JUDGE BIRO: Mike, can they use this	18	look at it. I can't remember what your follow-up
19	machine? Can you okay, that's great. Thank you.	19	response was.
20	BY MR. CHU:	20	Q But you did peruse this document in your
21	Q Do you see the exhibit sticker under there?	21	deposition.
22	A Yes.	22	A I remember looking at it, yes.
23	Q Okay. Do you remember this document that I	23	Q Now, back in 2006 did your department begin
24	asked you about during your deposition? This is the	24	dealing with emission issues on these types of
25	first document, right?	25	vehicles?
	Page 194		Page 196
1	Page 194 A This does look like a document that you	1	Page 196 A Yes. This division did look at
1 2	5	1 2	
	A This does look like a document that you	1	A Yes. This division did look at
2	A This does look like a document that you showed to me. I don't know if it was the first	2	A Yes. This division did look at certification and compliance for these types of
2 3	A This does look like a document that you showed to me. I don't know if it was the first document but I do remember you showing, I think, this	2 3	A Yes. This division did look at certification and compliance for these types of vehicles.
2 3 4	A This does look like a document that you showed to me. I don't know if it was the first document but I do remember you showing, I think, this document to me during the deposition.	2 3 4	A Yes. This division did look at certification and compliance for these types of vehicles. MR. CHU: We would move for admission of
2 3 4 5	A This does look like a document that you showed to me. I don't know if it was the first document but I do remember you showing, I think, this document to me during the deposition. Q And it talks about what we've been talking	2 3 4 5	A Yes. This division did look at certification and compliance for these types of vehicles. MR. CHU: We would move for admission of Exhibit 5, an EPA Enforcement Alert dated September
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	Page 197		Page 199
1	JUDGE BIRO: Is there any objection?	1	A I'm sorry. I'm going to repeat back your
2	MR. KLEPP: No objection, Your Honor.	2	question to make sure I understand it.
3	JUDGE BIRO: Okay. So, we're going to mark	3	Q Please.
4	this as Respondents' Exhibit 33 and admit it into the	4	A Did you ask me a vehicle that is not
5	record?	5	certified is sometimes included with a vehicle that is
6	MR. CHU: Yes, Your Honor.	6	certified because of an error? Did I misstate that?
7	(The document referred to was	7	Q Yes. In this complaint here
8	marked for identification as	8	A Yes, this is an enforcement alert, yes.
9	Respondents' Exhibit No. 33,	9	Q it's alleged
10	and was received in	10	A Oh, this complaint. Okay. Now I know which
11	evidence.)	11	one you're talking about. Okay.
12	BY MR. CHU:	12	Q In the complaint here it's alleged that
13	Q So, would it be safe to say that your	13	109,000 vehicles are not certified. Is that accurate?
14	department was just beginning to ramp up after 2006 in	14	A That's my understanding of the complaint.
15	looking at emission issues with these types of	15	Q And would it be safe to say that your
16	vehicles?	16	department did certify those vehicles at some earlier
17	A So, the Compliance Division began certifying	17	time?
18	ATVs and recreational vehicles in 2006.	18	MR. KLEPP: Objection, Your Honor.
19	Q And that was all because the EPA had	19	JUDGE BIRO: And the basis for the
20	determined that there are issues with Chinese	20	objection?
21	manufactured vehicles of this type, correct?	21	MR. KLEPP: My basis is it's a vague
22	A No, that's not correct. There was a	22	question and it calls for a legal conclusion.
23	rulemaking that was promulgated and so compliance and	23	MR. CHU: Can I respond, Your Honor?
24	implementation followed from the rulemaking that was	24	JUDGE BIRO: Overruled.
25	promulgated prior to that, not because of Chinese	25	Do you know whether you certified those
	- 100		
	Page 198		Page 200
1	Page 198 manufacturers, but because of the air quality impacts	1	Page 200 vehicles?
1 2	manufacturers, but because of the air quality impacts associated with the sector.	1 2	vehicles? THE WITNESS: If the products were
	manufacturers, but because of the air quality impacts associated with the sector. Q Sir, I would ask you to look		vehicles? THE WITNESS: If the products were determined to be not the same products as what we
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	Page 201		Page 203
1	families.	1	A Yes, there should be.
2	Q And just to make that clear engine families	2	Q Okay. And when you group the engine
3	include many different models, right?	3	families 109,000 become 10 engine families, correct?
4	A It can include multiple models in an engine	4	A I believe that's the count of engine
5	family, yes.	5	families.
6	Q Okay. As we saw earlier in the examination,	6	Q You believe or you know? I need to know.
7	there were at least what, 10?	7	A Based on the complaint, that's what is on
8	A There were at least 10, yes.	8	the complaint is 10.
9	Q Okay. So, it's kind of deceptive in terms	9	Q What I meant is do you know when we talk,
10	of looking at the application and saying that it's one	10	when the EPA talks about engine families that they're
11	vehicle specific. In other words, one motorcycle, one	11	talking about what you and I are talking about?
12	ATV, that's not really how an engine family is	12	A Right, I'm going to restate your question.
13	identified, is it?	13	When EPA talks about engine families, is the EPA
14	A I didn't say that was how an engine family	14	talking about what I'm talking about and what you're
15	was identified.	15	talking about?
16	Q I understand. I just want to make it clear	16	Q Right.
17	for the record that it's not identified that way.	17	A So, I know what I'm talking about. I'm not
18	A So, an engine family is identified based on	18	sure, I wasn't clear on what you're talking about.
19	the products that are sufficiently similar. Sorry,	19	Q I used the word literally engine family, a
20	apparently you disagree with that.	20	family of engines.
21	Q No, go ahead.	21	A Yes.
22	A Oh, okay.	22	Q Is that how you read it as well?
23	Q I'm not if I put my hands, I'm not	23	A I read engine family as engine family. Yes,
24	stopping you. I'm never stopping you, okay?	24	as a group of engines. Yes.
25	A Okay. All right. So, an engine family does	25	Q And that same engine can be placed in
	Page 202		
			Page 204
1	not include just a single engine. I think that's the	1	Page 204 different types of models, right?
1 2		1 2	
	not include just a single engine. I think that's the answer to your question. Q Because there was some talk about it's a		different types of models, right? A It can be placed in different models of vehicles, yes.
2	not include just a single engine. I think that's the answer to your question. Q Because there was some talk about it's a motorcycle, the engine family, the one that was	2	<ul><li>different types of models, right?</li><li>A It can be placed in different models of vehicles, yes.</li><li>Q So, when we go to separating these engine</li></ul>
2 3 4 5	not include just a single engine. I think that's the answer to your question. Q Because there was some talk about it's a motorcycle, the engine family, the one that was tested, it talked about ATV. It really when you	2 3 4 5	<ul><li>different types of models, right?</li><li>A It can be placed in different models of vehicles, yes.</li><li>Q So, when we go to separating these engine families we're breaking them up into groups that</li></ul>
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	Page 205		Page 207
1	2	1	
1	I said if you're referring to the catalyst there are	1	local Chinese dialect you didn't understand it.
2	multiple manufacturers involved, could potentially be	2	A If they were speaking in any Chinese dialect
3	involved in the manufacture of a catalyst.	3	I wouldn't have understood it.
4	Q Very good. I stand corrected. Okay.	4	Q That's what I thought. Just so the record
5	So, you're aware that Taotao USA doesn't	5	is clear, you don't know any Chinese, do you?
6	manufacture anything. Is that accurate?	6	A I think I know hello.
7	A I believe that's the case, that they're an	1	Q How about "xiexie"?
8	importer but they are	8	A I have no idea what you just said.
9	Q But you went to China and you visited some	9	Q You didn't hear anyone say that to you,
10	place and I believe you describe it as what? Li?	10	thank you?
11	A Hopefully I'm pronouncing it correctly, Lishui.	11	A I did "xiexie", so I remember "xiexie" and
12		12	"ni"
13	Q How do you spell that?	13	Q "Hao."
14	A I don't remember off the cuff. Sorry. It's	14	A "Ni hao", like hello or good morning, I
15	L-I-U-S-H-U-I, I think, or something like that, but I	15	think, but I think that's about it.
16	forget.	16	Q Pretty good. That's a good start, right?
17 18	Q L-I-U-S-H-E-Y?	17	A Well.
	A E-U. I mean, sorry, S-H-I-U. I think	18	Q In fact, it became so cordial that you were
19	that's how we spelled it, but I don't remember.	19 20	invited to Terry's father's home for lunch, didn't
20 21	Q And you pronounce it as Lishui?	20	you?
21	A That was how I remember hearing most of the	21	A That's right. We were told there weren't
22	folks pronounce it that were there, and it's not I you know, I think it's like Lishui or Lishui. You	22	many facilities for us to eat lunch in the area so we went to Mr. Cao's home for lunch.
23 24	know, I don't pronounce Chinese well since I don't	23	
24 25	speak it.	24	<ul><li>Q Okay. And were you treated with respect?</li><li>A We were treated with respect.</li></ul>
20	sреак п.	25	A we were iteated with respect.
	Page 206		Page 208
1		1	
1 2	Q Just talk about that for a minute. When you	1	Q Okay.
	Q Just talk about that for a minute. When you were asked earlier about describe, sir, the scene, the	1	<ul><li>Q Okay.</li><li>A They offered to give us lunch for free and</li></ul>
2	Q Just talk about that for a minute. When you were asked earlier about describe, sir, the scene, the place, you left out some things, didn't you?	2	<ul><li>Q Okay.</li><li>A They offered to give us lunch for free and we refused and paid for it. We paid for the lunch.</li></ul>
2 3	Q Just talk about that for a minute. When you were asked earlier about describe, sir, the scene, the	2 3	Q Okay. A They offered to give us lunch for free and we refused and paid for it. We paid for the lunch. Each person paid for the lunch.
2 3 4	<ul><li>Q Just talk about that for a minute. When you were asked earlier about describe, sir, the scene, the place, you left out some things, didn't you?</li><li>A I'm not sure what you're referring to.</li></ul>	2 3 4	<ul><li>Q Okay.</li><li>A They offered to give us lunch for free and we refused and paid for it. We paid for the lunch.</li></ul>
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	Page 209		Page 211
1	I believe it was Tao Motors USA, or Tao Motors.	1	exclusively.
2	Q You keep saying Tao Motors. Is that your	2	MR. CHU: Objection. Non-responsive. It
3	testimony?	3	was someone tell you, and he said "I thought".
4	A Yes, Tao Motor.	4	THE WITNESS: No, the folks that we met
5	Q This is one of the documents that you and I	5	with, Matao Cao and Yuejin Cao, and those two in
6	talked about during your deposition, remember?	6	particular mentioned his responsibility for Tao Motor.
7	A Yes.	7	BY MR. CHU:
8	MR. KLEPP: Your Honor, my objection is	8	Q Now, do you agree that you were in some
9	based on the document. It's marked as an exhibit.	9	conference room with the State Department translator?
10	It's been spoken to earlier, and Mr. Jackson at this	10	A Yes.
11	time does not have it in front of him, and I think in	11	Q And would you agree that this very screen
12	order for this to proceed efficiently could the	12	shot of the presentation was translated to you by the
13	document please be placed in front of him?	13	State Department translator?
14	JUDGE BIRO: Sustained. Do you have a set	14	A It was translated by the State Department
15	of exhibits for the witness?	15	translator and spoken to by Matao Cao and Yuejin Cao.
16	MR. CHU: I'm sorry. I thought he had a	16	MR. CHU: I'm going to object to non-
17	screen in front of him.	17	responsive. My question is about the translator and
18	JUDGE BIRO: He should also have the written	18	not who all spoke to you
19	exhibits. He's entitled to see them. Do you have a	19	JUDGE BIRO: Okay, sustained. I'm not sure
20	set of exhibits you can give him?	20	I understand your question, Mr. Chu.
21	MR. CHU: I could give him mine. I thought	21	MR. CHU: My question was did the translator
22	that there was a copy that was left up there earlier,	22	translate the presentation of this particular
23	but I'll be happy to give him mine.	23	JUDGE BIRO: This page that's in English,
24	JUDGE BIRO: That's why we ask everybody to	24	right here? Did they translate what's already in
25	make five sets of exhibits.	25	English?
	Page 210		Page 212
1	Page 210	1	Page 212
1	MR. CHU: I'm using the one that they	1	MR. CHU: Correct.
2	MR. CHU: I'm using the one that they introduced and it was admitted is what I'm using.	2	MR. CHU: Correct. JUDGE BIRO: Into what language would they
2 3	MR. CHU: I'm using the one that they introduced and it was admitted is what I'm using. JUDGE BIRO: Oh, it's in the Complainant's	2 3	MR. CHU: Correct. JUDGE BIRO: Into what language would they have to translate that for Mr. Jackson?
2 3 4	MR. CHU: I'm using the one that they introduced and it was admitted is what I'm using. JUDGE BIRO: Oh, it's in the Complainant's book? Okay.	2 3 4	MR. CHU: Correct. JUDGE BIRO: Into what language would they have to translate that for Mr. Jackson? MR. CHU: I believe that the testimony will
2 3	MR. CHU: I'm using the one that they introduced and it was admitted is what I'm using. JUDGE BIRO: Oh, it's in the Complainant's book? Okay. MR. CHU: Yes, Your Honor. It was the one	2 3	MR. CHU: Correct. JUDGE BIRO: Into what language would they have to translate that for Mr. Jackson? MR. CHU: I believe that the testimony will be that there was an explanation of the relationship
2 3 4 5	MR. CHU: I'm using the one that they introduced and it was admitted is what I'm using. JUDGE BIRO: Oh, it's in the Complainant's book? Okay. MR. CHU: Yes, Your Honor. It was the one that he offered.	2 3 4 5	MR. CHU: Correct. JUDGE BIRO: Into what language would they have to translate that for Mr. Jackson? MR. CHU: I believe that the testimony will be that there was an explanation of the relationship between the companies, and that was what was being
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	Page 213		Page 215
1	JUDGE BIRO: So, I think the question here	1	Mr. Jackson, did they say at any point the
2	is when they were talking about this particular page?	2	words that Matao Cao was the 100 percent owner of Tao
3	THE WITNESS: Yes.	3	Motors?
4	JUDGE BIRO: Were they speaking in English	4	THE WITNESS: I don't recall those exact
5	or in Chinese?	5	words being said. I recall the words being that he
6	THE WITNESS: Both.	6	had the responsibility for the company in the United
7	JUDGE BIRO: Both. Okay, so the extent it	7	States.
8	was Chinese was it being translated to you?	8	JUDGE BIRO: I understand. Okay.
9	THE WITNESS: Yes.	9	BY MR. CHU:
10	JUDGE BIRO: Okay.	10	Q Sir, will you look at the next slide, and
11	BY MR. CHU:	11	it's 2522.
12	Q And do you remember the translator	12	A Yes.
13	explaining what your eyes see and what we see on this	13	Q Does that clearly indicate that Matao Cao is
14	slide?	14	the 100 percent owner of the certificate holder
15	A I remember the translator as well as Mr.	15	involved in this complaint?
16	Matao Cao and Mr. Yuejin Cao providing a description	16	A It does it does seem to indicate that,
17	of what we see and what they intended to communicate.	17	but to be honest there are multiple arrows pointing to
18	Q What I'm talking about is your statement	18	Taotao USA.
19	that Tao Motor is 100 percent owned by Matao Cao. Do	19	Q Which one says owned 100 percent? Can you
20	you remember making that statement?	20	tell?
21	MR. KLEPP: Objection, Your Honor.	21	A The one pointing from Matao Cao to Taotao
22	Mischaracterizes his testimony.	22	USA.
23	THE WITNESS: I think my statement was, I	23	Q So was that explained in Chinese that day
24	think it was or maybe it should have been that Matao	24	what that arrow meant and translated to you?
25	Cao had the responsibility, sole responsibility for	25	A So, again, this slide as well as the next
	Page 214		Page 216
1	the U.S. company. That was the message communicated	1	slide were discussed together, and so we didn't go
1 2	the U.S. company. That was the message communicated to us.	1 2	slide were discussed together, and so we didn't go arrow by arrow.
			arrow by arrow.
2	to us.	2	
2 3	to us. BY MR. CHU:	2 3	arrow by arrow. Q So, is it possible that somehow you confused
2 3 4	to us. BY MR. CHU: Q So, no one explained to you or told you that	2 3 4	arrow by arrow. Q So, is it possible that somehow you confused the companies that you visited in China?
2 3 4 5	to us. BY MR. CHU: Q So, no one explained to you or told you that Matao Cao was the owner of Tao Motors, is that	2 3 4 5	arrow by arrow. Q So, is it possible that somehow you confused the companies that you visited in China? A No.
2 3 4 5 6	to us. BY MR. CHU: Q So, no one explained to you or told you that Matao Cao was the owner of Tao Motors, is that accurate?	2 3 4 5 6	arrow by arrow. Q So, is it possible that somehow you confused the companies that you visited in China? A No. Q Okay. So, can you tell this Court in 2017,
2 3 4 5 6 7	to us. BY MR. CHU: Q So, no one explained to you or told you that Matao Cao was the owner of Tao Motors, is that accurate? A No, that's not accurate. We were told that	2 3 4 5 6 7	<ul> <li>arrow by arrow.</li> <li>Q So, is it possible that somehow you confused the companies that you visited in China?</li> <li>A No.</li> <li>Q Okay. So, can you tell this Court in 2017, and first of all, are you sure it was 2017, it wasn't</li> </ul>
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	Page 217		Page 219
1	A Yes, other entities were listed in the	1	and I both know that the actual applicant for the
2	application.	2	certificates that's at issue in this complaint was
3	Q Yes, because when you use OEM it's kind of	3	Taotao USA. Agree?
4	like you taught me a minute ago. We could talk about	4	A Yes.
5	a whole lot of OEMs in China, right?	5	Q And you've already said that you're aware
6	A Sure.	6	that they do not manufacture, as you call them an
7	Q So, I'm going to stick with when I say	7	importer, remember?
8	"manufacturer" I'm referring strictly to the two	8	A I did say they were an importer, yes.
9	Respondents here that actually put the vehicle	9	Q But the regulations allow the EPA to
10	together. Is that okay with you? Is that definition	10	designate the person or entity that applies for a
11	okay?	11	certificate of conformity as a manufacturer, is that
12	A All right. So, when you so, I think I	12	accurate?
13	heard two different things from you. You said you're	13	A That is accurate. It may be a manufacturer
14	referring to the Respondents here as the two	14	or importer. They may be designated as a manufacturer
15	individuals that actually put the vehicles together,	15	for purposes of holding a certificate.
16	but you said earlier that they didn't put the vehicles	16	Q What I'm saying are you aware of the
17	together, so I want to make sure I understand your	17	regulation where it says if you are applying for a
18	question.	18	certificate that we can call you a manufacturer? Are
19	Q Are you aware that there are three	19	you familiar
20	Respondents in this case?	20	A That is in the regulation and the statute.
21	A I believe so. It's Taotao, Taotao USA,	21	Q Okay. So, that's it. So, it's confusing
22	maybe some other aspects of Taotao Group. I just	22	when we talk about manufacturers so that's why I kind
23	don't I have it in front of me so I need to look at	23	of further defined that in my questioning, that when I
24	it to see.	24	speak of manufacturers I'm speaking of the companies
25	Q And I understand your confusion. I'm going	25	that actually put the vehicles together, not the parts
	Page 218		Page 220
1	to help clear it up here.	1	people.
2	(Pause.)	2	A Not the? Not the what people?
3	I hate to ask for your help. Do you	3	Q Parts. Part.
4	remember the exhibit number when you stood up and	4	A Parts. Okay, gotcha. Sorry.
5	talked about the things that your department does?	5	Yes, it's my understanding that you're
6	They're looking for it.	6	talking about the OEM, the manufacturer who assembled
7	A The flow chart. I don't remember	7	the product.
8	Q Do you know what I'm talking about?	8	Q So, when you approved the Tao Motor
9	A Do you mean the flow chart?	9	applications, I'm asking whether or not you're aware
10	Q Yes, the flow chart.	10	that neither of the manufacturers in this complaint
11	A I don't remember the exhibit number. I'll	11	that have their operations in China are listed as Tao
12	have to look for it.	12	Motors' manufacturer.
13	Q While she's looking, I think what's	13	A So, neither of the let me sure, I'll
	-	1	
14	confusing here is on the flow chart, on the top right-	14	repeat back. Am I aware that neither of the
15	confusing here is on the flow chart, on the top right- hand side there it says "manufacturer", right?	15	repeat back. Am I aware that neither of the manufacturers who actually assemble the products are
15 16	confusing here is on the flow chart, on the top right- hand side there it says "manufacturer", right? A Oh, I'm sorry. You're referring to the	15 16	repeat back. Am I aware that neither of the manufacturers who actually assemble the products are listed in the complaint or are the folks listed in the
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	Page 221		Page 223
1	Tao Motors was either one of the manufacturing	1	have to go back to look at the cert applications.
2	Respondents in this case?	2	Q And so when you say Taotao then you're
3	A I believe so, but I would need to look at	3	talking about one manufacturer versus a different
4	the application before I state with certainty.	4	manufacturer, correct?
5	Q Because earlier you kind of lumped everyone	5	A So, when I say Taotao in reference to our
6	together and just called everyone the same, right?	6	visit generally I'm referring to the Taotao Group and
7	A I did not. I repeated what the	7	the collection of companies as the company identified
8	manufacturers told us when we went there.	8	it.
9	Q And so I'm trying to figure out if there	9	Q So, what you're basically saying is I can't
10	were if there was a different manufacturer for Tao	10	read the signs, but somehow whatever I see is all the
11	Motors then, in essence, you would have at least	11	same. Is that what I'm hearing?
12	potentially seen three manufacturers on your last	12	A No, not at all. I never said that.
13	trip.	13	Q Well, how did you know you were in Taotao
14	A So, we issued test orders for the families	14	Group's factory versus being in Junyun's factory
15	that were certified on behalf of Taotao, and Tao	15	versus being in factory three, Tao Motors supplier's
16	Motor, and so the number of other subsequent	16	factory?
17	manufacturers that may have been present are	17	A Sure. So, I could read the signs as we
18	identified, I know what the manufacturer told us when	18	walked in. But, again, my reference to the companies
19	they were present, that these folks were all part of	19	that were present was based on what the companies told
20	the same manufacturing group. They were all related	20	us when we were present, what they said to us.
21	companies but	21	Q And I understand that you
22	Q So, basically you just kind of lumped them	22	A But, again, I don't read Chinese. So, if
23	together and kind of	23	there were specific distinctions in Chinese, I
24	A I did not. The company did. The companies	24	wouldn't be able to make that determination.
25	did.	25	Q Would you agree that something potentially
	Page 222		Page 224
		1	_
1	Q Okay. Now, this 191 exhibit, which is in	1	was lost in the translations?
1 2	evidence, would you agree clearly delineates the	1 2	<ul><li>was lost in the translations?</li><li>A It's possible something could be lost in the</li></ul>
	evidence, would you agree clearly delineates the relationships?	1	<ul><li>was lost in the translations?</li><li>A It's possible something could be lost in the translation but the portions that were in English were</li></ul>
2 3 4	evidence, would you agree clearly delineates the relationships? A I would agree that there is a chart on this	2 3 4	<ul><li>was lost in the translations?</li><li>A It's possible something could be lost in the translation but the portions that were in English were not lost on me, not the English portions.</li></ul>
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2 3 4 5 6 7 8 9	<ul> <li>evidence, would you agree clearly delineates the relationships?</li> <li>A I would agree that there is a chart on this document that shows relationships.</li> <li>Q Okay.</li> <li>A Your question was does it clearly delineate, and I would say based on the verbal conversation I would say it doesn't clearly delineate what was said</li> </ul>	2 3 4 5 6 7 8 9	<ul> <li>was lost in the translations?</li> <li>A It's possible something could be lost in the translation but the portions that were in English were not lost on me, not the English portions.</li> <li>Q Right, and I apologize for getting off into describing manufacturers, okay? But I'm going tookay, it's Complainant's Exhibit 12.</li> <li>(Pause.)</li> <li>Do you have that?</li> </ul>
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1	Page 225		Page 227
	never mind.	1	again to be clear, guidance, it's not mandatory, it's
2	Now, you testified under oath that this	2	meant to be helpful. The mandatory requirements are
3	Exhibit 12 was available online for the world to see.	3	the regulations.
4	Is that accurate?	4	Q So, would it be safe to say that Exhibits 12
5	A Yes.	5	through 18 were just helpful governmental forms?
6	Q Okay. Can you tell us what it means by the	6	A I believe you mean 17 and, yes, they're
7	word "draft"?	7	intended to be helpful. I don't believe you intended
8	A It means that it is not final.	8	to include 18 in your statement, so I believe it's
9	Q So, which one should the world be looking	9	through 17. They were intended to be helpful.
10	at, a final document or a draft?	10	Q Right. So, we're back to engine families,
11	A So, we posted or this was posted as a draft	11	right?
12	document on our website, which is typically what you	12	A Yes.
13	would do. The draft document is always posted on the	13	Q And the emission did you describe it as
14	website.	14	emission system? Is that how you classified it?
15	Q I understand. So, is the manufacturing	15	A Engine families, exhaust system, engine and
16	world, importer world, are they obligated to abide by	16	exhaust system.
17	the drafts?	17	Q Exhaust system, and in the exhaust is the
18	A So, no, manufacturers are not obligated to	18	muffler, right?
19	abide by the drafts. They're obligated to abide by	19	A Yes.
20	the regulations, and these guidance documents are	20	Q And in the muffler is catalyst or no
21	meant to help manufacturers understand the	21	catalyst, agree?
22	regulations.	22	A That is possible, yes.
23	Q Now, this was actually for the benefit of	23	Q Okay. And we didn't talk about that but you
24	your people so that they can get training, correct?	24	have approved on behalf of Taotao USA applications for
25	A No. This was provided to the manufacturers.	25	similar types of these vehicles that did not contain a
	-		
	Page 226		Page 228
1	Q Okay. Now I'm going to read you the first	1	catalyst. Is that accurate?
1 2	line. It says, "This step-by-step guidance is	1 2	A So, I don't want to go back and review all
	line. It says, "This step-by-step guidance is intended to assist you in the certification process."		A So, I don't want to go back and review all the Taotao and Tao Motors applications, but I believe
2	line. It says, "This step-by-step guidance is	2	A So, I don't want to go back and review all the Taotao and Tao Motors applications, but I believe that is accurate, that we have approved some that did
2 3	line. It says, "This step-by-step guidance is intended to assist you in the certification process." So, that's not supposed to help the people working for you.	2 3	A So, I don't want to go back and review all the Taotao and Tao Motors applications, but I believe that is accurate, that we have approved some that did not have a catalyst. I believe that's accurate. We
2 3 4	<ul><li>line. It says, "This step-by-step guidance is intended to assist you in the certification process."</li><li>So, that's not supposed to help the people working for you.</li><li>A It's designed to help the manufacturer. The</li></ul>	2 3 4	A So, I don't want to go back and review all the Taotao and Tao Motors applications, but I believe that is accurate, that we have approved some that did not have a catalyst. I believe that's accurate. We approve a lot, so it's possible one of the Taotao or
2 3 4 5	<ul><li>line. It says, "This step-by-step guidance is intended to assist you in the certification process."</li><li>So, that's not supposed to help the people working for you.</li><li>A It's designed to help the manufacturer. The guidance documents are prepared for the manufacturers.</li></ul>	2 3 4 5	A So, I don't want to go back and review all the Taotao and Tao Motors applications, but I believe that is accurate, that we have approved some that did not have a catalyst. I believe that's accurate. We approve a lot, so it's possible one of the Taotao or Tao Motors may not have had a catalyst. I would have
2 3 4 5 6	<ul> <li>line. It says, "This step-by-step guidance is intended to assist you in the certification process."</li> <li>So, that's not supposed to help the people working for you.</li> <li>A It's designed to help the manufacturer. The guidance documents are prepared for the manufacturers.</li> <li>Q So, on the top where it says "HMC Workshop</li> </ul>	2 3 4 5 6 7 8	A So, I don't want to go back and review all the Taotao and Tao Motors applications, but I believe that is accurate, that we have approved some that did not have a catalyst. I believe that's accurate. We approve a lot, so it's possible one of the Taotao or Tao Motors may not have had a catalyst. I would have to go back and check.
2 3 4 5 6 7	<ul> <li>line. It says, "This step-by-step guidance is intended to assist you in the certification process."</li> <li>So, that's not supposed to help the people working for you.</li> <li>A It's designed to help the manufacturer. The guidance documents are prepared for the manufacturers.</li> <li>Q So, on the top where it says "HMC Workshop 2", who is what is HMC?</li> </ul>	2 3 4 5 6 7	A So, I don't want to go back and review all the Taotao and Tao Motors applications, but I believe that is accurate, that we have approved some that did not have a catalyst. I believe that's accurate. We approve a lot, so it's possible one of the Taotao or Tao Motors may not have had a catalyst. I would have to go back and check. Q So, in actuality on these low emission as
2 3 4 5 6 7 8 9 10	<ul> <li>line. It says, "This step-by-step guidance is intended to assist you in the certification process."</li> <li>So, that's not supposed to help the people working for you.</li> <li>A It's designed to help the manufacturer. The guidance documents are prepared for the manufacturers.</li> <li>Q So, on the top where it says "HMC Workshop 2", who is what is HMC?</li> <li>A Highway motorcycle.</li> </ul>	2 3 4 5 6 7 8 9 10	A So, I don't want to go back and review all the Taotao and Tao Motors applications, but I believe that is accurate, that we have approved some that did not have a catalyst. I believe that's accurate. We approve a lot, so it's possible one of the Taotao or Tao Motors may not have had a catalyst. I would have to go back and check. Q So, in actuality on these low emission as described vehicles the true need for a catalyst has
2 3 4 5 6 7 8 9 10 11	<ul> <li>line. It says, "This step-by-step guidance is intended to assist you in the certification process."</li> <li>So, that's not supposed to help the people working for you.</li> <li>A It's designed to help the manufacturer. The guidance documents are prepared for the manufacturers.</li> <li>Q So, on the top where it says "HMC Workshop</li> <li>2", who is what is HMC?</li> <li>A Highway motorcycle.</li> <li>Q So, is this one of those outreach things</li> </ul>	2 3 4 5 6 7 8 9 10 11	A So, I don't want to go back and review all the Taotao and Tao Motors applications, but I believe that is accurate, that we have approved some that did not have a catalyst. I believe that's accurate. We approve a lot, so it's possible one of the Taotao or Tao Motors may not have had a catalyst. I would have to go back and check. Q So, in actuality on these low emission as described vehicles the true need for a catalyst has not been determined. Is that accurate?
2 3 4 5 6 7 8 9 10 11 12	<ul> <li>line. It says, "This step-by-step guidance is intended to assist you in the certification process."</li> <li>So, that's not supposed to help the people working for you.</li> <li>A It's designed to help the manufacturer. The guidance documents are prepared for the manufacturers.</li> <li>Q So, on the top where it says "HMC Workshop 2", who is what is HMC?</li> <li>A Highway motorcycle.</li> <li>Q So, is this one of those outreach things that you were talking about?</li> </ul>	2 3 4 5 6 7 8 9 10 11 12	A So, I don't want to go back and review all the Taotao and Tao Motors applications, but I believe that is accurate, that we have approved some that did not have a catalyst. I believe that's accurate. We approve a lot, so it's possible one of the Taotao or Tao Motors may not have had a catalyst. I would have to go back and check. Q So, in actuality on these low emission as described vehicles the true need for a catalyst has not been determined. Is that accurate? A No, I don't think that is accurate.
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1	don't recall right now.	1	few catalysts that are manufactured for all those
2	BY MR. CHU:	2	models. Is that accurate?
3	Q Do you know that he's an expert for the EPA	3	A I think that's accurate, and can I go back
4	in terms of catalysts?	4	and look at the applications? I think that's a
5	A No, I didn't recall that at present, no. I	5	relatively accurate statement.
6	may have known that in the past. I don't recall it at	6	Q So, when you break down by engine families
7	present. I'm not saying he's not. I just don't	7	you're actually creating more diversity. Would that
8	Q I'm sorry, I didn't hear the last.	8	be accurate?
9	A I'm not saying he's not. I just don't	9	A When we break down by engine families we are
10	recall at present.	10	creating more diversity in what way?
11	Q But you have available to you the assistance	11	Q Well, you're dividing the lot up into more
12	of a person that's knowledgeable, formally trained,	12	separate subcategories, are you not?
13	who's done research and has written papers in	13	A Manufacturer provides their engine family
14	reference to catalysts, do you not?	14	descriptions to us and we're defining the families
15	A Are you saying do we have access to	15	based on what we discussed before, the engine
16	Professor Heck? Is that what you're asking me, or Dr.	16	description and the exhaust system description.
17	Heck?	17	Q So, it's possible that the Beijing
18	Q What I'm saying is do you know whether or	18	manufacturer, the same catalysts is used in different
19	not he has been an expert for the EPA?	19	models, right?
20	A No, I'm not familiar with him personally.	20	MR. KLEPP: Objection, Your Honor. Form.
21	Q So you have no idea of his relationship with	21	It calls for speculation and also relevance to this
22	the EPA.	22	line of question.
23	A So, I'm not saying that because I may have	23	JUDGE BIRO: Sustained.
24	come across him in the past, but not in recent history	24	BY MR. CHU:
25	so I don't recall at present.	25	Q So, it's not the catalysts that you're
	Page 230		
	Idge 250		Page 232
1		1	_
1 2	Q Wouldn't it be good for someone like	1 2	really concerned with, is that right?
	Q Wouldn't it be good for someone like yourself, head of a department, doing the things that		_
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	Page 233		Page 235
1	MR. KLEPP: It suggests answers. The line	1	Q Then if someone wasn't building something
2	of question recently has put Mr. Jackson in an	2	their natural inclination would be I can't apply for
3	impossible to answer situation with these vague formed	3	it, right?
4	questions. That's my objection.	4	MR. KLEPP: Your Honor, objection. I
5	JUDGE BIRO: Overruled. Go ahead.	5	believe I heard counsel refer to CX191, which drew my
6	THE WITNESS: So, your question is do we	6	attention to the slide presentation, and then the
7	knowingly approve something that we know is wrong?	7	questions that ensued refers to a different document.
8	BY MR. CHU:	8	So, there's some confusion here and I'd like the
9	Q Right.	9	record to be clear.
10	A No, we wouldn't intentionally approve	10	MR. CHU: Okay. If I did, I meant CX12.
11	something that we know is wrong.	11	BY MR. CHU:
12	Q Because if in 2006 you realize that the	12	Q Is that what you have in front of you, CX-
13	Chinese manufacturers were not as knowledgeable in	13	12?
14	meeting the requirements of your department and the	14	A Yes, I have CX12.
15	enforcement department can you tell us what outreach	15	Q You didn't pull out 191 when I said
16	you did from 2006 through 2012 to the Chinese	16	A You gave a page number subsequent to that
17	manufacturer in China?	17	and initially I started to look for 191 when you said
18	A So again to be clear, I can't speak to the	18	the page number. I noticed I had the page number
19	knowledge level of the Chinese manufacturers, and I	19	open.
20	don't know that EPA has made a statement about the	20	Q Okay. So, what I'm saying is these clear
21	knowledge level of Chinese manufacturers, and whether	21	messages to the public, including the Chinese public,
22	or not the Agency conducted outreach, they provided	22	sometimes they're not as clear as you would like it to
23	workshops that everyone is invited to, and we don't	23	be. Would that be accurate?
24	only invite certain manufacturers. Everyone is open	24	A So, I think that we try to communicate
25	to come to the workshops that we host.	25	messages to the public and whether or not they
	-		
	Page 234	1	
	rage 254		Page 236
1	Q Right. So, you knew in 2006 that there were	1	Page 236 understand it we hold workshops so they can ask us
1 2		1 2	
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2	<ul><li>Q Right. So, you knew in 2006 that there were issues with emissions and with regulatory requirements from Chinese manufacturers. Is that accurate?</li><li>A I think this enforcement alert points to</li></ul>	2	understand it we hold workshops so they can ask us questions. I can't speak to whether or not it's clear for them or not. We can only base it on if they have questions about what are providing.
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1	Q Well, let's say someone like Thomas Edison,	1	here and it tells us about a manufacturer you and I
2	you know. There weren't regulations back then.	2	both know that doesn't mean someone that actually
3	A Okay. I'm sorry, your point?	3	builds a vehicle, right?
4	Q So, if you show Thomas Edison back then a	4	A Based on what's in the statute and what's in
5	diagram like this	5	the regulations.
6	A Okay.	6	Q So, what I'm saying is sometimes what we
7	Q it says what it says. Would you agree?	7	read doesn't necessarily mean what it says.
8	A It says what it says.	8	A Well, again, the statute defines
9	Q Now let's talk about the next thing that it	9	manufacturer as either the person who assembles it or
10	says what it says. Look at number three.	10	the importer.
11	A Yes.	11	Q Now, when it talks about conduct emission
12	Q What does it require them to do?	12	test to determine compliance, that's the emission
13	A Conduct emissions tests to demonstrate	13	test, correct?
14	compliance.	14	A Yes.
15	Q And is it true that your knowledge of the	15	Q Why doesn't it say somewhere in this flow
16	engine families associated with this complaint and the	16	chart, okay, check the precious metals, make sure you
17	engines that were tested pursuant to the agreement	17	have some precious metal, make sure you check that it
18	with the EPA that is basically no emissions	18	has a certain quantity, and make sure you check that
19	violations?	19	there's a certain weight of this pancake mix that I
20	MR. KLEPP: Objection. Calls for a legal	20	call we both call wash coat, okay?
21	determination.	21	MR. KLEPP: Objection to form, Your Honor.
22	JUDGE BIRO: Sustained.	22	Compound question.
23	MR. CHU: It's a factual, Your Honor.	23	JUDGE BIRO: Overruled.
24	Knowledge of the facts.	24	THE WITNESS: So, this is meant to be the
25	JUDGE BIRO: I didn't even understand the	25	major steps of the certification and compliance
	Page 238		Page 240
1	question.	1	process. Not every product may have a catalyst, and
2	question. MR. CHU: I'll rephrase it. I'm sorry.	2	process. Not every product may have a catalyst, and so this is meant to provide folks with the major steps
2 3	question. MR. CHU: I'll rephrase it. I'm sorry. BY MR. CHU:	2 3	process. Not every product may have a catalyst, and so this is meant to provide folks with the major steps they need to undertake. It is included in the
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1	enforcement alert and you're in tune with the rest of	1	did know and you're outreaching with these wonderful
2	the EPA that this flow chart doesn't have that	2	workshops and flow charts, why is it that there's no
3	important information about one of the components that	3	warning here do not roll past the stop sign?
4	now the EPA says is so important, that being a	4	A Again, this is the major steps in the
5	catalyst?	5	certification process. So, there are other documents
6	MR. KLEPP: Object to form, Your Honor.	6	that inform manufacturers they need to provide
7	Calls for speculation.	7	specific information about their catalysts in their
8	JUDGE BIRO: Not necessarily. Maybe he	8	actual application, but that flow chart specifically
9	knows. Overruled.	9	has the major steps in the process.
10	THE WITNESS: So, again, the document that	10	Q And when we go page after page on these sets
11	was created in 2005 gives the major steps in the	11	of documents starting with CX12, okay?
12	certification process. Since every engine in the	12	A Okay.
13	vehicle system may not have a catalyst specific	13	Q You were questioned in CX12, EPA Bates stamp
14	component issues are not addressed. The major steps	14	369. Remember that?
15	in the certification process are addressed in the 2005	15	A Yes.
16	document.	16	Q And you were asked to find number seven,
17	BY MR. CHU:	17	which you did?
18	Q Is \$3.3 million a lot of money?	18	A Yes.
19	MR. KLEPP: Objection to form, Your Honor.	19	Q Okay. And somehow someone just happened to
20	THE WITNESS: I guess that's a relative	20	put the word the words "the number". That means
21	question. If you ask me that question, I would say	21	what?
22	yes, for me it's a lot of money. For someone like you	22	A Number of catalysts. It could mean
23	maybe it's not. I don't know.	23	Q More likely than not in the type of vehicles
24	MR. CHU: Well, it's a lot of money for me,	24	that's involved here they were were they all single
25	too. Okay.	25	catalyst vehicles?
	Page 242		
	FAGE 272	1	Page 244
1		1	Page 244 A For the vehicles involved in this complaint
1	BY MR. CHU:	1	A For the vehicles involved in this complaint,
1 2 3	BY MR. CHU: Q But my point is if we're outreaching, as you	1 2 3	A For the vehicles involved in this complaint, I believe they were all single, not multiple
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	Page 245		Page 247
1	investor for a manufacturer.	1	MR. CHU: I'm sorry. I'm going to object as
2	Q Do you have any idea what these catalysts on	2	non-responsive.
3	the average costs?	3	JUDGE BIRO: I think it was. Overruled.
4	A Yeah, though I don't recall at present what	4	BY MR. CHU:
5	the cost numbers are. I recall numbers like a hundred	5	Q So, you think that because it's expensive
6	dollars per ounce for each of the precious metals,	6	it's a high cost in reference to the total cost of a
7	\$115 per ounce for the precious metals, but I don't	7	catalyst.
8	recall the catalyst costs off the cuff.	8	A Yes.
9	Q So, the answer is "I don't know"?	9	Q There's no quantification there, right?
10	A The answer is I don't recall at present what	10	A No quantification of what?
11	the current catalyst costs are.	11	Q The qualifier that you use is that you
12	Q But you believe somehow they're significant.	12	believe platinum costs a lot of money, so therefore it
13	I know that earlier when we talked about 3.3 million	13	is a major cost of the catalyst.
14	we both thought that was significant.	14	A So, let's let me be clear. I think all
15	A We both thought what was significant?	15	three of the precious metals cost a lot. Platinum
16	Q \$3.3 million.	16	costs the most.
17	A I think it's a lot of money personally.	17	Q Okay. Now, we all know in general the price
18	Q So, you mentioned that the catalyst is some	18	of gold, right?
19	sort of quantification of being that you thought it	19	A We know in general I didn't hear the last
20	was	20	part.
21	A I think it's one of the cost drivers for the	21	Q The price of gold.
22	design and construction of vehicles.	22	A I don't know the price of gold right now.
23	Q So, you really have no idea what the cost is	23	Q Gold is anywhere from 1,000 to 2,000 dollars
24	in relationship to the cost of the vehicles.	24	an ounce.
25	A No. Actually, I think it's a significant	25	MR. KLEPP: Objection, Your Honor. He's
	Page 246		Page 248
1	cost driver.	1	already said he doesn't know.
2	Q Is that 10 percent, 20 percent, 30 percent?	2	JUDGE BIRO: Sustained.
3	Do you know?	3	BY MR. CHU:
4	A I would say in some cases it could be as	4	Q So, you've never heard the price of gold.
5	much as 10 to 15 percent, but I don't want to be	5	A Have I ever heard the price of gold?
6	quoted on that because I want to go back and check the	6	Q Yes, sir.
7	actual numbers.	7	A I'm sure I've heard it at some point but I
8	Q Because you'd be guessing if you did, right?	8	don't recall what it is. I don't think about it that
9	A That's an estimate.	9	often.
10	Q Okay. And it's not based upon anything you	10	Q You say you know the price of platinum.
11	can relate to at this moment.	11	What timeframe are you referring to?
12	A So, the reason why I'm hesitant is only	12	A So, that's just in general. There's no
13	because in the rulemaking we actually put together	13	specific timeframe. I don't know what it is right now
14	cost estimates based on precious metal, lower cost of	14	this very second. I just recall that in the past
15	substrates, et cetera. But I haven't reviewed that in	15	having to look it up. That's around what it was, but
16	some time so I don't recall what the current cost	16	I don't I don't keep track of that on a daily
17	might be or even what they were in a rulemaking.	17	basis.
18	Q Now, can you tell this Court, from the best	18	Q It was what? I'm sorry. How much?
19	of your recollection, what the cost of platinum is in	19	A Again, that was a guesstimate from what I
20	reference to the cost of the catalyst, if you know?	20	recall. Maybe 125 per ounce.
21	A Well, so platinum is one of the precious	21	Q \$125 per ounce.
22	metals in the catalyst material. It is approximately	22	A I think so.
23	125, I think, per ounce, but I haven't checked in the	23	Q Okay.
24 25	last few days. It's the most expensive catalytic material in the catalyst.	24	A But I'll have to go back and check.
40	material III une catalyst.	25	Q Okay.

	Page 249		Page 251
1	A But that number sounds familiar.	1	thought it was because of some policy or
2	Q Do you know how many grams there are in a	2	THE WITNESS: The rulemaking.
3	pound?	3	JUDGE BIRO: the rulemaking they had done
4	MR. KLEPP: Your Honor, I'm going to object	4	a number of years ago. He doesn't know the current
5	to relevance. We've been down a line of questioning	5	prices now.
6	that seems far afield from anything that's been part	6	MR. CHU: And the timeframe that we're in
7	of Mr. Jackson's direct.	7	right now is a couple of years ago, in 2012, so I feel
8	JUDGE BIRO: What are we getting to here?	8	that that's relevant.
9	MR. CHU: Well, getting to his knowledge,	9	JUDGE BIRO: Well, if he has any more
10	the Agency's knowledge of the cost of precious metals	10	recollection on that point you can ask him but it
11	and why they believe that a lack of precious metals is	11	seemed like that was
12	a motivator in this case. That's what I'm reading	12	MR. CHU: He's given
13	from the complaint.	13	JUDGE BIRO: He's exhausted everything he
14	JUDGE BIRO: He says platinum is expensive.	14	knows.
15	MR. CHU: It is.	15	MR. CHU: He's given an answer. He said 125
16	JUDGE BIRO: And therefore he assumes that a	16	per ounce is what he gave me, and then I wanted to
17	part that involves platinum and palladium and rhodium	17	break that down into a quantitative number. He's an
18	is going to be expensive.	18	engineer. He should know the conversions and I'm
19	MR. CHU: And that's the assumption, and	19	trying to see how much of that we can get because it's
20	without any quantification or testimony	20	a certain amount in grams that we're even talking
21	JUDGE BIRO: That's his whole testimony.	21	about.
22	That's what he believes. He took those three	22	JUDGE BIRO: I bet this is something I could
23	expensive metals, he knows that they use some amount	23	take administrative notice of.
24	of those three expensive metals, and therefore he has	24	MR. CHU: Okay. Your Honor, we'd ask the
25	concluded that therefore the catalyst is relatively	25	Court to take judicial notice or administrative notice
		1	
	Page 250		Page 252
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	Page 253		Page 255
1	economic benefit report, or a portion of their expert	1	tolerances and variances in your deposition at first
2	report. So, why do this here with Mr. Jackson when	2	you told me you can't do that?
3	he's stretching for everything he can think of and	3	A I don't remember my exact words, but I do
4	using guess work.	4	remember making reference to responding to one of your
5	JUDGE BIRO: His choice. It's his choice.	5	questions regarding tolerances.
6	Overruled.	6	Q I'm sorry?
7	MR. KLEPP: Fair enough.	7	A I do remember responding to one of your
8	BY MR. CHU:	8	references to tolerances. I don't remember my exact
9	Q So, Mr. Jackson, this Exhibit 12 has not	9	words.
10	really been updated, has it?	10	Q Right. And then after I showed you your
11	A No.	11	actual PowerPoint you then agreed with me, oh, yes,
12	Q And wouldn't it be more beneficial as far as	12	you can have a tolerance or a variance on the
13	an outreach to actually tell manufacturers and	13	quantities of precious metals. Do you remember that?
14	importers that the EPA permits an allowance or a	14	A What I agree with you is that we had that
15	tolerance for the amounts of precious metals in these	15	document, that excerpt from a document in a PowerPoint
16	wash coats?	16	slide. We haven't finalized that guidance document
17	MR. KLEPP: Objection, Your Honor. Form of	17	yet, though.
18	question and relevance.	18	Q I understand but what I'm getting clear
19	JUDGE BIRO: Overruled. Go ahead.	19	A Template, I should say. Excuse me. That
20	THE WITNESS: Are you asking me do we have	20	template.
21	guidance documents that provide a tolerance?	21	Q clarification is that in your area of
22	BY MR. CHU:	22	certification, which includes post-manufacturing
23	Q I'll get to that next but the question was	23	investigation. Is that the right word or
24	the question. Would it be more beneficial if we look	24	A Compliance.
25	at a guidance document that was manufactured in 2005	25	Q Compliance, okay. That you're accepting
1	Page 254	1	Page 256
1	and we're in 2017 today, that your EPA should advise	1	tolerances in the amount of precious metals in the
2	and we're in 2017 today, that your EPA should advise the public and this Court that there is a tolerance	2	tolerances in the amount of precious metals in the catalysts.
2 3	and we're in 2017 today, that your EPA should advise the public and this Court that there is a tolerance factor?	2 3	tolerances in the amount of precious metals in the catalysts. A I don't know if I could say that is an
2 3 4	<ul><li>and we're in 2017 today, that your EPA should advise the public and this Court that there is a tolerance factor?</li><li>A So, again, this document was intended to</li></ul>	2 3 4	tolerances in the amount of precious metals in the catalysts. A I don't know if I could say that is an accurate statement as yet, and I'll tell you why. The
2 3 4 5	<ul><li>and we're in 2017 today, that your EPA should advise the public and this Court that there is a tolerance factor?</li><li>A So, again, this document was intended to provide major steps in certification process. So, if</li></ul>	2 3 4 5	tolerances in the amount of precious metals in the catalysts. A I don't know if I could say that is an accurate statement as yet, and I'll tell you why. The guidance document that you have from that presentation
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	Page 257		Page 259
1	witness. Sustained.	1	BY MR. CHU:
2	BY MR. CHU:	2	Q So, the so-called understanding of catalyst
3	Q Did you write that in there?	3	and its function and needs in these types of vehicles
4	A So, author to the PowerPoint presentation?	4	is still a work in progress with your department. Is
5	Q Yes, sir.	5	that accurate?
6	A I did not draft the guidance document or the	6	A All right. So ask the first part of your
7	template.	7	question again. The what part of the catalyst?
8	Q Thank you. Do you know who did that?	8	Q Whether or not let me start over.
9	A The template was assembled and is still	9	Understanding the need of catalysts in these types of
10	being assembled by the team of certification	10	vehicles it's still a work in progress?
11	engineers.	11	A Understanding the need for a catalyst, I
12	Q But as far as this presentation you actually	12	wouldn't say that's a work in progress. Manufacturers
13	did present this, did you not?	13	decide if their design needs a catalyst or not.
14	A I did present this as something we wanted	14	Understanding the description of the catalysts is a
15	the industry to review and give us feedback on.	15	part of what they need to include in their
16	Q And you were satisfied with what you were	16	application, and we've been working with the industry
17	telling them, right?	17	of late to see if we need to modify any of our
18	A We were telling them that we wanted their	18	guidance documents or any of our templates what they
19	feedback. So, yes, I was satisfied with asking for	19	report to us because we seek industry feedback from
20	their feedback.	20	time to time.
21	Q And could you just read for us Note 2	21	Q Okay. And so are you aware of any
22	because this is not the clearest one?	22	standardized tests that have been adopted by the EPA
23	MR. KLEPP: Objection, Your Honor, to the	23	to actually test the weight and composition of
24	extent that he's asking him to read from a document	24	catalysts or catalytic materials?
25	not in evidence.	25	A So, I am aware that the Office of
	D 250		
	Page 258		Page 260
1	MR. CHU: Your Honor, I'm going to offer	1	Page 260 Enforcement has conducted tests. Whether or not it's
1 2		1 2	-
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	Page 261		Page 263
1	MR. CHU: Yes, Your Honor, that would be	1	A Okay. And your question about that is what
2	fine.	2	exactly?
3	JUDGE BIRO: Okay. It's 3:15. Let's stand	3	Q Well, the purpose of the substrate, the
4	in recess to 3:30?	4	honeycomb, is to create greater surface area. Would
5	MR. KLEPP: Thank you.	5	you agree?
6	JUDGE BIRO: Fifteen minutes. Okay.	6	A Yes.
7	(Whereupon, a short recess was taken.)	7	Q Okay. And because the more wash coat you
8	JUDGE BIRO: Please be seated.	8	have exposed to the gas that's going through there
9	Are you waiting for	9	A Yes.
10	MR. CHU: Your Honor, if it please the	10	Q When I refer to gas what gases am I
11	Court:	11	referring to?
12	BY MR. CHU:	12	A I'm assuming you're referring to the exhaust
13	Q Okay. On Exhibit 12, EPA Bates No. 369,	13	gas from the engine.
14	also on the screen in front of you, and we're on No.	14	Q Okay. Then those gases can connect or touch
15	7. Do you see that on the screen?	15	more particles of precious metals because of those
16	A Yes.	16	honeycombs, correct?
17	Q Okay. Do you see it highlighted there?	17	A Yes.
18	A Yes.	18	Q And if you put too much wash coat on it then
19	Q Okay. We talked about the location but we	19	it would tend to clog the path of the gases and it
20	did not discuss volume, okay? So, can you tell this	20	would reduce the exposure of the small particles of
21	Court what you were referring to, what the EPA was	21	precious metals in the wash coat. Would you agree?
22	referring to in this draft guidance document about	22	A Well, so the porous nature of the honeycomb
23	volume?	23	substrate is such that they try to coat every bit of
24	A Sure. So, the volume of the catalyst	24	the surface area with wash coat. They try not to clog
25	material the volume of the catalyst, the substrate	25	specific channels when they manufacture it.
	Page 262		Page 264
1	Page 262	1	Page 264
1	volume.	1	Q So, in your classes they've talked about
2	volume. Q You actually want the size, right?	2	Q So, in your classes they've talked about those things, right?
2 3	volume. Q You actually want the size, right? A Yes.	2 3	<ul><li>Q So, in your classes they've talked about those things, right?</li><li>A Well, to some extent in the classes and then</li></ul>
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	Page 265		Page 267
1	Q And is it accurate to say that you've seen	1	range of three carburetors or three catalysts that
2	either slides, videos, or something as to the slurry?	2	were tested, two tested right. The third one was 10
3	A When manufacturers of the catalysts have	3	percent more than what was stated, but in that same
4	presented it, yes, I have been to the facilities.	4	year the catalyst results that this Court was
5	Q And you've noticed how that they're	5	presented with in the summary decision indicated that
6	basically almost nano size particles on these precious	6	they didn't match through two other labs.
7	metals.	7	And so what it goes to is the penalties in
8	MR. KLEPP: Objection, Your Honor, to this	8	that situation as to the damage. How is it that these
9	line of questioning. I don't see how it relates at	9	are okay? You have 23,000 vehicles. You've got good
10	all or it's relevant to the penalty.	10	tests, you've got bad tests, and it's the same. One
11	MR. CHU: May I respond, Your Honor?	11	of it was with the same SGS agency. So, I think the
12	It will go to so that what he testified to	12	Court has to calculate that when if the Court is
13	earlier that there's actually a tolerance, and the	13	going to assess any penalties.
14	evidence will establish that the way they've asked for	14	JUDGE BIRO: The carburetors.
15	the information on these applications and in the ASA,	15	MR. CHU: No, catalysts.
16	the resettlement agreement, is not correct in the way	16	JUDGE BIRO: Carburetors.
17	they ask for the information.	17	MR. CHU: Catalysts.
18	JUDGE BIRO: Well, we're not going to	18	JUDGE BIRO: Catalysts. There were some
19	undermine the ASA agreement. Whatever you agreed to,	19	catalyst tests where they were in compliance?
20	whether you should have, that's fine. But does this	20	MR. CHU: Yes, Your Honor, in 2012, that's
21	have anything to do with this case and what happened	21	what the evidence is going to show. It's one of our
22	in this particular case that	22	exhibits. It's Harrison Wolf, the consultant, and
23	MR. CHU: Yes, Your Honor, it has to do with	23	they went ahead and they hired SGS, which is one of
24	what my client attempted to do to satisfy this need to	24	the companies that tested the 23 units, and in those
25	get testing done on these catalysts, and so it goes to	25	tests they came back with two that were on point, one
23	get testing done on these earlysts, and so it goes to		tests they came block with two that were on point, one
	Page 266		Page 268
1	L. L	1	5
1 2	show that because of the variance, the tolerance	1 2	had 10 times of one of the precious metals than what
2	show that because of the variance, the tolerance levels, the same amount of precious metals can never	2	had 10 times of one of the precious metals than what was stated in the application.
2 3	show that because of the variance, the tolerance levels, the same amount of precious metals can never be one set number, and this is what we're asking this		had 10 times of one of the precious metals than what was stated in the application. So, there's 23,000 vehicles that are
2 3 4	show that because of the variance, the tolerance levels, the same amount of precious metals can never be one set number, and this is what we're asking this witness to tell us if he knew or didn't know if he	2 3 4	had 10 times of one of the precious metals than what was stated in the application. So, there's 23,000 vehicles that are involved in the assessment in 2012. So, I believe
2 3 4 5	show that because of the variance, the tolerance levels, the same amount of precious metals can never be one set number, and this is what we're asking this witness to tell us if he knew or didn't know if he knows or doesn't know that fact when they were	2 3	had 10 times of one of the precious metals than what was stated in the application. So, there's 23,000 vehicles that are involved in the assessment in 2012. So, I believe it's important for the Court, not on liability, but on
2 3 4 5 6	show that because of the variance, the tolerance levels, the same amount of precious metals can never be one set number, and this is what we're asking this witness to tell us if he knew or didn't know if he knows or doesn't know that fact when they were approving these particular applications, especially	2 3 4 5 6	had 10 times of one of the precious metals than what was stated in the application. So, there's 23,000 vehicles that are involved in the assessment in 2012. So, I believe it's important for the Court, not on liability, but on damages, to have that information before it which
2 3 4 5 6 7	show that because of the variance, the tolerance levels, the same amount of precious metals can never be one set number, and this is what we're asking this witness to tell us if he knew or didn't know if he knows or doesn't know that fact when they were approving these particular applications, especially the carryover ones, because the proffered testimony is	2 3 4 5 6 7	had 10 times of one of the precious metals than what was stated in the application. So, there's 23,000 vehicles that are involved in the assessment in 2012. So, I believe it's important for the Court, not on liability, but on damages, to have that information before it which we'll be presenting. This is how this all ties in.
2 3 4 5 6 7 8	show that because of the variance, the tolerance levels, the same amount of precious metals can never be one set number, and this is what we're asking this witness to tell us if he knew or didn't know if he knows or doesn't know that fact when they were approving these particular applications, especially the carryover ones, because the proffered testimony is going to be that they were still approving the	2 3 4 5 6 7 8	had 10 times of one of the precious metals than what was stated in the application. So, there's 23,000 vehicles that are involved in the assessment in 2012. So, I believe it's important for the Court, not on liability, but on damages, to have that information before it which we'll be presenting. This is how this all ties in. JUDGE BIRO: Could we stipulate to what
2 3 4 5 6 7 8 9	show that because of the variance, the tolerance levels, the same amount of precious metals can never be one set number, and this is what we're asking this witness to tell us if he knew or didn't know if he knows or doesn't know that fact when they were approving these particular applications, especially the carryover ones, because the proffered testimony is going to be that they were still approving the carryovers when they had the information about	2 3 4 5 6 7 8 9	had 10 times of one of the precious metals than what was stated in the application. So, there's 23,000 vehicles that are involved in the assessment in 2012. So, I believe it's important for the Court, not on liability, but on damages, to have that information before it which we'll be presenting. This is how this all ties in. JUDGE BIRO: Could we stipulate to what those results are?
2 3 4 5 6 7 8 9 10	show that because of the variance, the tolerance levels, the same amount of precious metals can never be one set number, and this is what we're asking this witness to tell us if he knew or didn't know if he knows or doesn't know that fact when they were approving these particular applications, especially the carryover ones, because the proffered testimony is going to be that they were still approving the carryovers when they had the information about catalysts that allegedly did not meet what the	2 3 4 5 6 7 8 9 10	had 10 times of one of the precious metals than what was stated in the application. So, there's 23,000 vehicles that are involved in the assessment in 2012. So, I believe it's important for the Court, not on liability, but on damages, to have that information before it which we'll be presenting. This is how this all ties in. JUDGE BIRO: Could we stipulate to what those results are? MR. CHU: I have no problem with that
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	Page 269		Page 271
1	consultant said just take three catalysts out of all	1	manufacturers, okay.
2	these engine classes, and that was sent to SGS.	2	JUDGE BIRO: I read in your brief, your
3	JUDGE BIRO: Yes.	3	prehearing brief, you said that there were two
4	MR. CHU: Two came in no problem. The third	4	manufacturers and five different catalysts.
5	one 10 times the amount, and then there were 23,000	5	MR. CHU: Correct.
6	vehicles for 2012 that they were throwing in and	6	JUDGE BIRO: Is that correct?
7	saying these are bad.	7	MR. CHU: Correct.
8	JUDGE BIRO: But I've already ruled on that.	8	JUDGE BIRO: And are the five different
9	MR. CHU: Right, and this is not to the	9	catalysts in the vehicles that are at issue in this
10	liability. This is to damages, penalties.	10	case or just five different catalysts that your
11	JUDGE BIRO: No, I don't think it goes to	11	clients used in all of their vehicles?
12	I don't see how that goes to damages or penalties. I	12	MR. CHU: The last part. There's five
13	think that goes to liability. I really I'm sorry.	13	catalysts used let me
14	I don't see how that goes.	14	(Pause.)
15	MR. CHU: And I understand it, Your Honor.	15	It's the 77, and I'm sorry, this one is just
16	I was just I've read some of the decisions by the	16	so faint, but it's what we highlighted, and it is our
17	courts here and one of the cases say sometimes the	17	belief that this was one of the
18	liability is so intertwined with the damages in these	18	JUDGE BIRO: What is the exhibit?
19	situations. So, it's our belief that it's similarly	19	MR. CHU: engine families that's
20	the situation.	20	mentioned, engine family that's mentioned in the
21	So, again, I'm not arguing liability. The	21	complaint.
22	Court's ruled on that. I'm just saying as far as it	22	JUDGE BIRO: Okay, I'm going to let you move
23	goes to damages I think it's important for the Court	23	forward because we're wasting too much time here. If
24	to see the evidence that says we're not as bad as they	24	this relates to an engine family in the complaint,
25	say that we are.	25	I'll let you ask the questions about the test results.
		-	
	Page 270		Page 272
1		1	
1	JUDGE BIRO: So, is there an objection to	1 2	Page 272 MR. KLEPP: May I be heard, Your Honor? JUDGE BIRO: Yes.
	JUDGE BIRO: So, is there an objection to that admission, to that exhibit that says apparently		MR. KLEPP: May I be heard, Your Honor?
2	JUDGE BIRO: So, is there an objection to that admission, to that exhibit that says apparently in some tests they came back on their catalysts and	2	MR. KLEPP: May I be heard, Your Honor? JUDGE BIRO: Yes.
2 3	JUDGE BIRO: So, is there an objection to that admission, to that exhibit that says apparently in some tests they came back on their catalysts and they were in compliance?	2 3	MR. KLEPP: May I be heard, Your Honor? JUDGE BIRO: Yes. MR. KLEPP: We would be willing to stipulate to the report counsel is referring to with this
2 3 4	JUDGE BIRO: So, is there an objection to that admission, to that exhibit that says apparently in some tests they came back on their catalysts and	2 3 4	MR. KLEPP: May I be heard, Your Honor? JUDGE BIRO: Yes. MR. KLEPP: We would be willing to stipulate
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25

24 MR. CHU: Your Honor, and that's why we're25 bringing the point about the two catalyst

JUDGE BIRO: Okay. That's all argument and

relating essentially to liability.

	Page 273		Page 275
1	we'll deal with weight of the evidence, but let's move	1	Q As far as you're aware, James Xu had been
2	forward now. If it relates to any of the vehicles at	2	working with your department as long as you had been
3	issue here or any of the engine models, we can talk	3	there. Is that accurate?
4	about it. If it's not related to these engines or	4	A I believe that is accurate.
5	these vehicles, we're not going to talk about it.	5	Q Okay. And as far as applications involving
6	MR. CHU: Yes, Your Honor. I understand	6	carburetors, okay, and adjustable screws, isn't it
7	that.	7	true that in 2009-2010 the certification department
8	MR. KLEPP: And I'm sorry, Your Honor, and I	8	that you were in was not allowing adjustable screws
9	beg to just I will interrupt just a second. We	9	with the carburetors?
10	also addressed it in our papers in our motions that	10	A So, in 2009 and '10, I didn't work in this
11	did precede your liability decision, the May 3rd	11	sector, so when you say where they allowing it, I
12	order.	12	don't know what was in the applications at this point
13	JUDGE BIRO: Okay.	13	for 2009 and '10.
14	MR. KLEPP: Thank you.	14	Q Okay. And I'm not exactly sure why you were
15	JUDGE BIRO: Let's go.	15	asked questions about the carburetor or screws other
16	BY MR. CHU:	16	than the fact that I'm thinking it has something to do
17	Q Mr. Jackson, you were asked about adjustable	17	with this prior violation. So, you're not really
18	parameters on direct. Do you remember that?	18	familiar with that at all, right?
19	A Yes.	19	A When you say "that" what are you referring
20	Q Okay. And you were asked about carburetors	20	to?
21		21	Q Are you familiar with the ASA that was
22	A Yes.	22	entered into in June of 2010?
23	Q as well.	23	A I'm aware of it in general. I don't know
24	A Yes.	24	the specifics of it, all the specifics of it.
25	Q And I believe you testified that there is a	25	Q And do you know why you were telling us
	Page 274		Page 276
1	Page 274 range that these carburetors can be tested in. Is	1	Page 276 about adjustable parameters in reference to the action
1 2		1 2	
	range that these carburetors can be tested in. Is		about adjustable parameters in reference to the action
2	range that these carburetors can be tested in. Is that accurate?	2	about adjustable parameters in reference to the action here?
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1	JUDGE BIRO: He's not going to get to any of	1	Q And did you remember any Taotao
2	that.	2	representatives other than Mr. Xu ever be invited to
3	THE WITNESS: I apologize. I didn't mean	3	one of these outreach programs before 2010?
4	to.	4	A So, I can't speak to the specific invitation
5	BY MR. CHU:	5	list. We send out the notification of workshops
6	Q So, when you were asked the question about	6	through a list serve, and typically the membership on
7	your awareness as to the ability of the applicant,	7	the list serve includes all the manufacturers who
8	Taotao USA, you mentioned that they had questions for	8	certified with us.
9	you that didn't seem how did you characterize it?	9	MR. CHU: Your Honor, we would offer
10	A It didn't appear as if they were familiar	10	Complainant's Exhibit CX67 at this time, which is the
11	with the regulations.	11	administrative settlement agreement.
12	Q Okay. Now, people who apply don't have to	12	MR. KLEPP: We have no objection, Your
13	necessarily be familiar with the regulations, do they?	13	Honor.
14	A Someone who applies for a certificate of	14	JUDGE BIRO: Complainant's Exhibit CX67 is
15	conformity should be familiar with the regulations	15	admitted into the record.
16	because they're applying for a certificate that	16	(The document referred to was
17	indicates that they are complying with the	17	marked for identification as
18	regulations. So, yes, they have to be familiar with	18	Complainant's Exhibit No. 67,
19	the regulations.	19	and was received in
20	Q So, let's talk about the history here. We	20	evidence.)
21	have a James Xu that's been representing Taotao USA	21	BY MR. CHU:
22	since at least 2008. Would you agree?	22	Q Mr. Jackson, do you see EPA 811?
23	A I don't know the exact year, but I know he's	23	A Yes.
24	represented them for some time.	24	Q Okay. And do you see paragraph 14?
25	Q Okay. And so how is it that a consultant	25	A Yes.
	Page 278		Domo 200
			Page 280
1		1	Page 280 $\Omega$ And does it clearly indicate there that Mr
1 2	like that who represents and let me ask you. Do	1	Q And does it clearly indicate there that Mr.
2	like that who represents and let me ask you. Do you know whether or not James Xu also represents a	2	Q And does it clearly indicate there that Mr. Xu had submitted applications that failed to identify
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	Page 281		Page 283
1	that's accurate, he still was qualified as an expert	1	that accurate?
2	on compliance program and this is part of the	2	A Yes. In addition to that there is narrative
3	compliance and certification process.	3	text where they may say no adjustable parameters.
4	JUDGE BIRO: So, your question is?	4	There is narrative text in the application where they
5	MR. CHU: Did the consultant	5	may say there is no adjustable parameters.
6	JUDGE BIRO: I'm sorry?	6	Q Ask you to look at page 5 or Bates No. 812.
7	MR. CHU: I'm sorry. You said my question	7	Do you see the amount of \$260,000?
8	was, I'm sorry. Go ahead.	8	A Yes.
9	JUDGE BIRO: So, the question is whether not	9	MR. CHU: And, Your Honor, at this time we'd
10	this was just whether somebody checked a box or not	10	ask the Court to take judicial notice that back in
11	a violation?	11	2012 this was either above or close to the maximum
12	MR. CHU: Correct.	12	administrative penalty that's set out at that time,
13	JUDGE BIRO: Okay. Can you answer that?	13	subject to approval of the DOJ to seek or allow the
14	Overruled.	14	seeking of higher penalties.
15	THE WITNESS: So, I can say that checking a	15	JUDGE BIRO: I'd have to go and check what
16	box could be part of it, but it could also be that the	16	was the threshold in 2012. Is that true?
17	application itself may have said that there were no	17	MR. KLEPP: As I stand here, Your Honor, I
18	adjustable parameters in text in the application.	18	don't know what the maximum administrative cap was in
19	BY MR. CHU:	19	2012, and I don't think it's accurate to request
20	Q Mr. Jackson, isn't it true that there's	20	judicial notice. So, I really can't go along with or
21	actually a box there for where you check off no	21	agree to what is being proposed here.
22	adjustable parameters and one that says adjustable	22	MR. CHU: May I respond, Your Honor?
23	parameters, as far as you know about the application?	23	JUDGE BIRO: Yes.
24	MR. KLEPP: Objection to form, Your Honor.	24	MR. CHU: I'm only saying that whatever the
25	JUDGE BIRO: Overruled. Go ahead.	25	cap was I'm asking this Court to take judicial notice
	Page 282		Daga 294
		1	Page 284
1		1	
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	Page 285		Page 287
1	MR. CHU: No, the failure to identify an	1	A Would I be surprised about that?
2	adjustable parameter.	2	Q Yes, sir.
3	JUDGE BIRO: You want him to read this whole	3	MR. KLEPP: Objection. Calls for
4	document and make that determination because he said	4	speculation, Your Honor.
5	he wasn't familiar with it?	5	JUDGE BIRO: Overruled.
6	MR. CHU: No, Your Honor, I don't want him	6	THE WITNESS: No, I wouldn't be surprised.
7	to read the whole document. I'll withdraw the	7	MR. CHU: Okay.
8	question.	8	BY MR. CHU:
9	BY MR. CHU:	9	Q So, it appears that if that's the case that
10	Q So, back to what your impression was of	10	someone said you had to seal it, and now as the
11	Terry and David. Can you tell us now what your	11	director and expert you're telling this Court there
12	impression was of James Xu knowing what you know?	12	was an alternate method and you could just state a
13	A My impression of Mr. James Xu is that he has	13	range, right?
14	several clients. He does not always submit accurate	14	MR. KLEPP: Object to form, Your Honor.
15	information. I think that from time to time our staff	15	Vague, confusing, compound question.
16	will have to go back, or I should say accurate or	16	JUDGE BIRO: Sustained.
17	complete information. I think based on what I know	17	BY MR. CHU:
18	now that's the case.	18	Q So, as the expert that you are for someone
19	Q If someone had been submitting applications	19	in 2010 to not inform the public that sealing was not
20	from at least the time that you arrived in 2007 until	20	the only available solution would you consider that to
21	2010 you stated earlier those individuals should be	21	be say a bad act on the EPA?
22	familiar with the regulations. Do you hold that true	22	A No. Again, if the manufacturer asserted
23	as to Mr. Xu?	23	that they had no adjustable parameters, then the
24	A So, again just to clarify, I arrived in the	24	viable solution is to seal it. If the manufacturer
25	Compliance Division in 2007. I started as a Gasoline	25	provides an adjustable range, then that's possible to
	Page 286		Page 288
1	Engine Compliance Center director in 2012. But I do	1	limit the range of travel of the adjustable parameter.
2	Engine Compliance Center director in 2012. But I do think that people that are submitting applications	2	limit the range of travel of the adjustable parameter. So, no, I wouldn't consider it bad acting to tell
2 3	Engine Compliance Center director in 2012. But I do think that people that are submitting applications should be familiar with the regulations.	2 3	limit the range of travel of the adjustable parameter. So, no, I wouldn't consider it bad acting to tell someone to seal it if they're saying they're not
2 3 4	Engine Compliance Center director in 2012. But I do think that people that are submitting applications should be familiar with the regulations. Q And for someone not to know whether or not a	2 3 4	limit the range of travel of the adjustable parameter. So, no, I wouldn't consider it bad acting to tell someone to seal it if they're saying they're not adjustable at all.
2 3 4 5	Engine Compliance Center director in 2012. But I do think that people that are submitting applications should be familiar with the regulations. Q And for someone not to know whether or not a carburetor in these vehicles were adjustable, had	2 3 4 5	limit the range of travel of the adjustable parameter. So, no, I wouldn't consider it bad acting to tell someone to seal it if they're saying they're not adjustable at all. Q The issue that I'm asking questions about is
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	Page 289		Page 291
1	not you hold that lack of understanding of the regs	1	what the regulations say.
2	against the people at EPA as you would against people	2	JUDGE BIRO: You have to identify it.
3	like you described, Terry and David. Make a	3	THE WITNESS: Yes, ma'am.
4	comparison.	4	JUDGE BIRO: Okay.
5	A I know	5	MR. CHU: Thank you.
6	MR. KLEPP: Objection form, Your Honor. It	6	BY MR. CHU:
7	assumes a fact not in evidence if the Agency was	7	Q So, now, you also strike that. Get this
8	unsure about the interpretation of a reg. There's	8	straight. When you say "Terry", is this a
9	been no testimony about that.	9	conversation you had with him?
10	JUDGE BIRO: Sustained.	10	MR. KLEPP: Objection, Your Honor. Mr.
11	MR. CHU: That's fine, Your Honor. I was	11	Jackson has not himself said Terry. Counsel has said
12	just going to say he's an expert. I can ask him a	12	Terry, so I object on that basis.
13	hypothetical.	13	MR. CHU: Yes. To the best of my memory he
14	JUDGE BIRO: He didn't testify that there	14	described Matao Cao and David that he spoke to that
15	was any misunderstanding or confusion by the Agency.	15	was not aware of the regulations. So, if that's not
16	He said there were these two options, and, you know,	16	the case, I'll not ask him.
17	they could the manufacturer could do either one,	17	JUDGE BIRO: Let's specify what conversation
18	and then identify that there were no variable	18	we're talking about here.
19	parameters?	19	MR. KLEPP: Your Honor, if I may. My
20	THE WITNESS: Adjustable parameters.	20	specific point is that there is this use of a name
21	JUDGE BIRO: Adjustable parameters, and I	21	"Terry", and that did not come from Mr. Jackson.
22	don't know. They didn't advertise this apparently in	22	JUDGE BIRO: Right, that's apparently a
23	their regs. That was your point.	23	common name used by Mr. Matao Cao, is that correct?
24	MR. CHU: Yes, Your Honor.	24	MR. CHU: That's correct. I believe that
25	JUDGE BIRO: But there was no confusion and	25	the record will indicate he did talk and say "Terry"
	Page 290	1	Page 292
1	Page 290	1	Page 292
1 2	that was your question.	1	when he was on direct.
2	that was your question. MR. CHU: Correct.	2	when he was on direct. JUDGE BIRO: Okay. The familiarity of the
2 3	that was your question. MR. CHU: Correct. BY MR. CHU:	2 3	when he was on direct. JUDGE BIRO: Okay. The familiarity of the name makes me uncomfortable. So, let's see if we can
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	Page 293		Page 295
1	understanding of the regulations.	1	pretty straightforward meeting.
2	Q And is that unusual that an applicant or a	2	Q Now, you actually don't get involved with
3	representative of an applicant would ask questions	3	applicants or had not gotten involved with applicants
4	about what to do in an application?	4	in the past. Is that accurate?
5	A It is not unusual for an applicant to ask	5	A I don't get involved with applicants on a
6	questions.	6	daily basis until an issue is broached to me.
7	Q So, in those questions that you testified	7	Q And basically you weren't really in
8	about that you used to create an impression was	8	communication with Taotao until you received
9	anything out of the ordinary?	9	communications from their attorney. Is that correct?
10	A So, again, the impression, as I mentioned	10	A No, I don't believe that's correct. As I
11	earlier, was based on what he said to us specifically,	11	mentioned, we had a meeting, I think it was a
12	but the questions were questions that seemed to	12	precertification meeting a year or two ago, and I
13	indicate he hadn't spent a lot of time looking at the	13	don't recall a conversation with attorneys before that
14	regulations.	14	about Taotao. I'll have to go back and check, but I
15	Q And how is that bad?	15	don't it didn't drive that. There was a meeting
16	A I didn't put the qualifier bad on it. I	16	where they wanted to come in and talk to us about
17	simply said that's the situation.	17	their application.
18	Q So, that's just as I said earlier, that's	18	Q And had you ever had complaints from
19	somewhat of a normal situation, is it not?	19	importers, manufacturers, that complained about your
20	A Well, when you say "normal", it is normal	20	staff not being able to communicate effectively in
21	for a manufacturer to ask questions. It was of	21	English?
22	concern that they were asking questions that seemed	22	A I have heard complaints from you.
23	pretty much a straightforward reading of the	23	Q And as such, did you investigate and
24	regulations so.	24	determine that there were some issues?
25	Q Can you tell us specifically what the	25	A Did I investigate that there were some
	Page 294		Page 296
			Fage 290
1	question was, if you remember it?	1	issues?
1 2	question was, if you remember it? A No, I don't recall all the questions	1 2	
			issues?
2	A No, I don't recall all the questions	2	issues? Q Correct.
2 3	A No, I don't recall all the questions specifically.	2 3	issues? Q Correct. A So, I don't I wouldn't say I launched a
2 3 4	<ul><li>A No, I don't recall all the questions</li><li>specifically.</li><li>Q Now, as to Mr. Garibyan, can you tell us how</li></ul>	2 3 4	issues? Q Correct. A So, I don't I wouldn't say I launched a formal investigation. I chatted with staff about
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	Page 297		Page 299
1	not covered by that certificate. So, it's a different	1	relevance to penalty.
2	issue.	2	MR. CHU: Again, Your Honor, it's to the
3	Q But if you have knowledge of that and it's a	3	penalty. I understand we're not talking about
4	carryover application why does your department still	4	liability. To the extent that it affects the penalty,
5	approve that carryover application?	5	this is why I'm asking the question.
6	A So, again, if you're referring to a	6	JUDGE BIRO: Sustained.
7	situation where are you referring to a catalyst	7	BY MR. CHU:
8	situation? Because, again, if the product that's in	8	Q Now, you never had anyone in your department
9	the field doesn't match the application, it's a	9	order a catalyst test for loads and ratios, have you?
10	different product, so we're not we can't not	10	A We may have asked manufacturers for
11	approve something for a different product that wasn't	11	information, but I don't know if we've ever ordered
12	certified before. We're reviewing a specific	12	someone to do it.
13	application. That's what we're reviewing.	13	Q Is it safe to say that if you don't know,
14	Q And that's what I'm talking about. A	14	then you probably had not?
15	carryover is the extension annually from an	15	A So, when you use the term "order" usually
16	application that may have originally been filed years	16	that's a document that I would sign, and I don't
17	before. Is that accurate?	17	recall signing any letter ordering a manufacturer to
18	A Yes, I think that's a fair characterization.	18	do catalyst testing.
19	Q And so if the EPA has knowledge that there	19	Q But as far as your department itself
20	is some discrepancy between the test results and the	20	conducting a test on a catalyst, has that ever
21	identified loads in the original application why would	21	occurred?
22	your department continue to approve those carryover	22	A I don't recall the Gasoline Engine
23	applications?	23	Compliance Center conducting catalyst tests.
24	A Which test results are you referring to?	24	Q Now, do you have any idea as an expert how
25	Q I'm referring to, let's say, a test	25	the wash coats are removed from the catalyst?
	Page 298		Page 300
1	Page 298 result	1	MR. KLEPP: Objection, Your Honor. That's
2	result A For.	2	MR. KLEPP: Objection, Your Honor. That's not his area of expertise.
	result A For. Q on a catalyst	2 3	MR. KLEPP: Objection, Your Honor. That's not his area of expertise. JUDGE BIRO: Sustained.
2 3 4	result A For. Q on a catalyst A On a catalyst, okay.	2 3 4	MR. KLEPP: Objection, Your Honor. That's not his area of expertise. JUDGE BIRO: Sustained. BY MR. CHU:
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	Page 301		Page 303
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1	Q I just want to clarify that I said the wash		to damages because the Court's weighing no material
2	coat from the substrate, Mr. Jackson.	2	found. For example, we have basically the same model
3	A Removing the wash coat from the substrate,	3	that's examined by SGS and then one that's ERG, and then SGS can't find the trace metals. The other one
4	I'm not intimately familiar with the process. I know	4	
5	that there are various options for crushing the	5	they can find. I believe the Court has to look at
6	catalyst and doing a math calculation. There are	6	those results when deciding if and what amount of
7	other chemical processes, but I'm not intimately	7	penalties should be imposed. JUDGE BIRO: No. Sustained.
8 9	familiar with those processes.	9	
10	Q But you've been involved in someone	10	MR. CHU: Okay. BY MR. CHU:
11	explaining that somewhere along the way to you, right? A I think I've heard it a couple of times but		Q So, you had an opportunity to meet the enemy
12	I don't do that work. Someone else does that work.		in China, is that correct?
13		13	
14	Q And I understand that, but you don't know who that person is.	14	MR. KLEPP: Object to the form of the question, Your Honor.
15	A I'm sorry?	15	THE WITNESS: To meet the what in
16	Q You don't know who that person is.	16	JUDGE BIRO: Sustained.
17	A Who does the work?	17	MR. KLEPP: Argumentative.
18	Q Right.	18	BY MR. CHU:
19	A I believe EPA may have a laboratory that	19	Q You met these violators, right?
20	does some of that, but I don't remember their names at	20	A I'm sorry. You're referring to Mr. Matao
21	this point. I believe EPA has a laboratory that does	21	Cao and who are you referring to?
22	some of that but I do not remember the names of the	22	Q Sir, I'm talking about the Respondents in
23	staff who do that work.	23	this action. Do you believe Mr. Matao Cao is a
24	Q Is that the enforcement, the NE that you	24	Respondent in this action?
25	were talking about, NEIS or something?	25	A Yes.
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	<b>D</b> 200		
	Page 302		Page 304
1		1	
1 2		1 2	Page 304 MR. KLEPP: Objection, Your Honor. That calls for a legal determination, and in fact it's not
	A So, the Office of Enforcement, I'm sure,		MR. KLEPP: Objection, Your Honor. That
2	A So, the Office of Enforcement, I'm sure, does some of that work.	2	MR. KLEPP: Objection, Your Honor. That calls for a legal determination, and in fact it's not
2 3	<ul><li>A So, the Office of Enforcement, I'm sure,</li><li>does some of that work.</li><li>Q Okay. And so as an engineer you're familiar</li></ul>	2 3	MR. KLEPP: Objection, Your Honor. That calls for a legal determination, and in fact it's not the case.
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	Page 305		Page 307
1	it says Taotao USA, Incorporated.	1	JUDGE BIRO: Sustained. Rephrase.
2	Q Good. Taotao USA. Okay. And then there	2	MR. CHU: Yes, Your Honor. Okay.
3	are two, as you call them, OEMs, right?	3	BY MR. CHU:
4	A I believe so but I'd have to look at the	4	Q Are you aware that the manufacturer of
5	paperwork.	5	vehicles for Taotao USA is basically two companies?
6	MR. KLEPP: Your Honor, point of order. I	6	A That sounds familiar but I would need to
7	believe there might be some cause for confusion. The	7	confirm that by looking at all the applications from
8	document up in front of Mr. Jackson is actually the	8	the certificate holder.
9	ASA. I believe counsel is asking questions based on	9	MR. CHU: And I believe we had admitted
10	the matter before Your Honor which would have a	10	those applications earlier, so let me find out what
11	different caption.	11	number those are. I believe that's Complainant's 1
12	So, I see some confusion in the question and	12	through 10.
13	the response here.	13	(Pause.)
14	MR. CHU: I agree, Your Honor. I didn't	14	MR. KLEPP: Before we proceed, Your Honor,
15	know what document he was reading off of. I thought	15	the last thing we left off was counsel referring to
16	he was looking at one of the documents in this case	16	CX1 through 10. What I see up on the screen and I
17	because I asked him specifically about this case.	17	assume might be in front of Mr. Jackson is a COC
18	JUDGE BIRO: Okay. Maybe we can just take	18	itself, which is later in the documentation outside of
19	the documents down, and we're asking not to rely on	19	CX1 through 10.
20	any documents at the moment.	20	JUDGE BIRO: Okay.
21	MR. CHU: Yes, Your Honor.	21	MR. KLEPP: So, again, I'm trying to avoid
22	JUDGE BIRO: Just what your understanding	22	confusion here.
23	is, Mr. Jackson.	23	JUDGE BIRO: I understand. I think Mr.
24	THE WITNESS: So, my understanding of the	24	Jackson is looking at the right document at the
25	Respondents are is that it's Taotao USA and some	25	moment.
	Page 306		Page 308
1	related companies, but I don't remember all the names	1	THE WITNESS: Yes, ma'am. So, yes, two
2	related companies, but I don't remember all the names of the related companies off the cuff. I'd have to	2	THE WITNESS: Yes, ma'am. So, yes, two manufacturers.
2 3	related companies, but I don't remember all the names of the related companies off the cuff. I'd have to read it on the document.	2 3	THE WITNESS: Yes, ma'am. So, yes, two manufacturers. BY MR. CHU:
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	200		
	Page 309		Page 311
1	A So, no, I don't specifically remember this	1	JUDGE BIRO: They acted in accordance with
2	one, but I trust you had I believe that you did.	2	EPA's regulations even though if they acted in
3	Q So, in this exhibit here would you agree	3	accordance with the wrongly cited regulations in the
4	that this form is a form that dates back to as far	4	certificate of conformity?
5	as 1981?	5	MR. CHU: With the complete interpretation
6	A This format for the certificate? No. No,	6	of the actions against my client/clients.
7	the format doesn't date back to 1981.	7	JUDGE BIRO: Sustained. Move on.
8	Q Okay. So, do you know whether or not that	8	MR. CHU: Okay.
9	language that's on that last paragraph, okay, whether	9	BY MR. CHU:
10	or not that's consistent with 40 C.F.R. Part 86 as it	10	Q Do you believe that Taotao USA intentionally
11	was in 2012?	11	did what was alleged?
12	MR. KLEPP: Objection, Your Honor. What	12	MR. KLEPP: Objection, Your Honor. Calls
13	counsel I think is proceeding into is not and	13	for a legal conclusion.
14	outside of penalty area, a liability area. Those	14	JUDGE BIRO: He's an expert. He can draw
15	arguments that counsel made in the course of motions	15	conclusions.
16 17	that led up to Your Honor's accelerated decision as to	16	MR. KLEPP: Legal ones?
17	regulatory changes over time settled matters involving	17	JUDGE BIRO: I don't think intent is a
18	liability. MR. CHU: Yes, I'm not even going to respond	18 19	legal, necessarily a legal conclusion. I think there's a common understanding of intent.
19 20		20	THE WITNESS: Do I believe that Taotao
20	because I'm asking about a regulation. JUDGE BIRO: What's the relevance?	20	
22	MR. CHU: The relevance is this language is	22	intentionally produced products that were non- compliant?
23	not in the new, it's in the old.	23	MR. KLEPP: I'm sorry to be up again.
23	JUDGE BIRO: In the old reg.	24	Relevance.
25	MR. CHU: Yes, ma'am.	25	JUDGE BIRO: No, I think it's relevant.
23	with error. Tes, ind ani.	23	JODGE DIKO. 10, 1 unik its leevant.
	Page 310		Page 312
1	Page 310 JUDGE BIRO: It's not in the new reg.	1	Page 312 Overruled.
1 2		1 2	
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2	JUDGE BIRO: It's not in the new reg. MR. CHU: No.	2	Overruled. BY MR. CHU:
2 3	JUDGE BIRO: It's not in the new reg. MR. CHU: No. JUDGE BIRO: And that's the argument that	2 3	Overruled. BY MR. CHU: Q So, the question was, and I just want to
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2 3 4 5 6	JUDGE BIRO: It's not in the new reg. MR. CHU: No. JUDGE BIRO: And that's the argument that you made in opposing the motion for summary judgment or for accelerated decision, and I ruled on it. So sustained.	2 3 4 5 6	Overruled. BY MR. CHU: Q So, the question was, and I just want to clarify this. We keep mixing Taotao USA up with the actions of OEM manufacturers. You just said Taotao USA produced. Did you not say that?
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12       MR, CHU: Yes, I will go over Exhibit - is       12       scheme, emission testing or the contents in a         13       ii 67? Seventy-seven, to show the       14       A       Theyre all important. We don't assign a         15       MR, KLEPP: Your Honor, I'm aware of that       16       Q       Which one is casier to determine?         16       document, I'm aware of that test, and I go back to my       16       Q       Which one is casier to determine?         17       objection which is it's to are result.       18       MR, CHU: And I'm saying it was three       19         18       MR, KLEPP: Only one is relevant, Your       10       10       are casier.       21       Q       So, you're saying that both are relatively         22       JUDGE BIRO: Okay, lefs not argue this.       23       A No, I'm not saying they're relatively casy.         23       Are you familiar with any of those results.       24       I'm saying you asked which was assier.       24       I'm saying you asked which was assier.       25       Q       Yes, sir.         24       THE WITNESS: I don't believe I am. It       25       Q       Yes, sir.         25       THE WITNESS: Okay.       2       a A And I'm responding to that question. For a         3       uibotatory that's set up to do emissions testing, you abyotherical? I' there were te		-		
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	Page 317		Page 319
1	Q How long does that take?	1	A Compare to the? Oh, the limit. I believe
2	A How what?	2	that many of their products were compliant. I think
3	Q How long does it take to have a screen test	3	we had maybe one or two that were not compliant, but I
4	of the exhaust?	4	think for the many of them were compliant when
5	A Oh. Approximately well, after set up and	5	tested
6	after you do so just to be clear when you run an	6	Q Well, the ones
7	FTP test you have to do what's it's not called a	7	A at lower hours.
8	break-in, but sort of a warm-up-type cycle first, the	8	Q The ones that were not complaint you did not
9	first day. Then the second day you actually run the	9	approve the applications, correct?
10	test. So, the actual test itself is 20 minutes, but	10	A That's correct.
11	you don't just run it once.	11	Q So, I'm talking only about the ones that you
12	Q And the factories that you've inspected, and	12	approved. So, can you tell this Court are we like 50
13	I believe you testified to was like 40 or 60	13	percent below or 30 percent or 70 percent? Do you
14	factories, is that correct?	14	have any idea how compliant they were on those
15	A No, I didn't say we tested 40 or 60	15	vehicles?
16	factories. I said I've met with 30 to 40	16	A I would say maybe they were at 50 percent or
17	manufacturers in the sector.	17	at 60 percent of the standard, but I have to go back
18	Q I'm sorry. So, 40 to	18	and look.
19	A Thirty to 40 manufacturers.	19	Q Is that a good thing?
20	Q Thirty to 40. So, in the 30 or 40	20	A It is a good thing to be compliant with the
21	manufacturers that you've meet with was that at their	21	standard.
22	manufacturing facilities?	22	Q And so for nearly 10 years now Taotao USA as
23	A In some case it was at their facility. In	23	the importer has been compliant in a good way with the
24	other cases it was at our laboratory.	24	emission standards. Is that accurate?
25	Q So, could you say at least half of those	25	A Taotao USA has passed low-hour testing.
	Page 318	1	Page 320
1	Page 318	1	Page 320
1	were at the manufacturer, OEM facilities?	1	Q I'm sorry. I didn't understand what you
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	Page 321		Page 323
1	Q Isn't it accurate that you require a testing	1	active test order at present.
2	of over the useful life for new applications?	2	Q Okay. And nothing has been done in terms of
3	A Yes.	3	retaliatory actions.
4	Q Okay. And then for the recertifications you	4	A I'm sorry. Excuse me. Except for the
5	also require a test over the useful life, do you not?	5	selective enforcement audit, so there is testing in
6	A We may allow low-hour testing with the DF	6	the selective enforcement audit.
7	apply, but we do require end-of-life results.	7	Q You're talking about the 2017 May actions,
8	Q Well, to get those results one would have to	8	correct?
9	do a useful life test. Would you agree?	9	A Yes.
10	A Yes, you do a full useful life testing to	10	Q Okay. And when you say self-audit that
11	get end-of-life results. Yes.	11	means you ask them to cooperate, is that correct?
12	Q So, therefore, based upon those useful life	12	A I said selective enforcement audit. I
13	tests that you approved for Taotao USA and based upon	13	didn't say self-audit.
14	what you know about this particular customer of the	14	Q I'm sorry. I misspoke. The select audit.
15	EPA would you say that those have been in that same 50	15	A Selective enforcement audit, SEA.
16	to 60 percent below the standard range?	16	Q Right.
17	A Based on the data reported to us by the	17	A We issue an SEA test order.
18	manufacturer, yes.	18	Q And they have to take it upon themselves,
19	Q Okay, and that's all you can rely on, right?	19	whoever you issue that or had issued that to, to do
20	A Because we haven't done full useful life	20	certain tests at their own expense, correct?
21	tests.	21	A That's right.
22	Q And you haven't found a need to do that,	22	Q Okay. As far as you know, you don't even
23	have you?	23	know exactly which companies you're talking about at
24	A I wouldn't necessarily say we haven't found	24	this time. Is that accurate?
25	the need, but we prioritize the use of our resources.	25	A I know that we issued the test orders to
	Page 322	_	Page 324
1	Q Because, in fact, one of the labs that you	1	Taotao USA and Tao Motor.
2	Q Because, in fact, one of the labs that you like to use in Michigan had to shut down, right?	2	Taotao USA and Tao Motor. Q Okay. I thought you said earlier you had
2 3	<ul><li>Q Because, in fact, one of the labs that you</li><li>like to use in Michigan had to shut down, right?</li><li>A As I understand it one of the labs we used</li></ul>	2 3	Taotao USA and Tao Motor. Q Okay. I thought you said earlier you had issued directives or did these audits of the
2 3 4	<ul><li>Q Because, in fact, one of the labs that you</li><li>like to use in Michigan had to shut down, right?</li><li>A As I understand it one of the labs we used</li><li>in Michigan did shut down.</li></ul>	2 3 4	Taotao USA and Tao Motor. Q Okay. I thought you said earlier you had issued directives or did these audits of the manufacturer is the OEM. Is that not correct?
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	Page 325		Page 327
1	is where you can get the vehicles, and when we arrived	1	A My concern, again, goes back to what we were
2	the folks who purported represented Taotao USA and Tao	2	discussing earlier about when we start discussing
3	Motors identified the products.	3	the design of the product because those are the new
4	Q Your group didn't identify the products?	4	products. I mean, I can talk about the fact that we
5	A We selected the products	5	did a selective enforcement audit. That's public
б	Q Thank you.	6	information. That we made selections, that's public
7	A we wanted to test.	7	information. But, you know, whether or not they had
8	Q So, it wasn't the importer that selected the	8	certain components I'm a little concerned that I'm
9	product, correct?	9	delving into the CBI of the company.
10	A Well, they don't select	10	JUDGE BIRO: Right, and that's the part I
11	MR. KLEPP: Objection, Your Honor.	11	struck.
12	THE WITNESS: Oh.	12	MR. CHU: Okay.
13	MR. KLEPP: Objection, Your Honor. I don't	13	THE WITNESS: I'm sorry. Excuse me, Your
14	see the relevance to this. The penalty we're talking	14	Honor. May I stand? I just have a little bit of a
15	about, a 2017 event, a selective enforcement audit.	15	leg cramp?
16	MR. CHU: I'm sorry. If we're going to	16	JUDGE BIRO: Oh, sure. Of course. We can
17	exclude the prior testimony, I have no problem with	17	take a break. What time is it?
18	not talking about this.	18	MR. CHU: It's almost five, Your Honor.
19	MR. KLEPP: Prior testimony, Your Honor, I	19	JUDGE BIRO: It's five. Why don't we stop
20	believe was all relevant to who owns who and what is	20	for the day. 5:01. Could we stop for the day? Do
20	the relationship between companies over in China, not	20	you have much more on cross?
21		22	-
22	the depth and breadth of the exact enforcement audit, and how vehicles were selected for Mr. Jackson's		MR. CHU: I can pick up tomorrow.
		23	JUDGE BIRO: Okay. So, why don't we stand
24 25	programmatic purposes.	24	in recess. What time tomorrow could we begin again?
25	MR. CHU: I thought the purpose of it was to	25	MR. CHU: I'm good with the time we had this
	Page 326		Page 328
1	Page 326 show factors for this Court to decide the gravity.	1	Page 328 morning. Nine would be nice since we're on Central
1 2	2	1 2	
	show factors for this Court to decide the gravity.		morning. Nine would be nice since we're on Central
2	show factors for this Court to decide the gravity. JUDGE BIRO: We're talking about a 2017	2	morning. Nine would be nice since we're on Central Time, but I can do 8:30.
2 3	show factors for this Court to decide the gravity. JUDGE BIRO: We're talking about a 2017 selective enforcement audit. Is that something	2 3	morning. Nine would be nice since we're on Central Time, but I can do 8:30. MR. KLEPP: Your Honor, whatever time suits
2 3 4	show factors for this Court to decide the gravity. JUDGE BIRO: We're talking about a 2017 selective enforcement audit. Is that something totally separate?	2 3 4	morning. Nine would be nice since we're on Central Time, but I can do 8:30. MR. KLEPP: Your Honor, whatever time suits the Court.
2 3 4 5	show factors for this Court to decide the gravity. JUDGE BIRO: We're talking about a 2017 selective enforcement audit. Is that something totally separate? MR. KLEPP: My understanding, Your Honor, is none of the vehicles in 2017 have anything to do with	2 3 4 5	morning. Nine would be nice since we're on Central Time, but I can do 8:30. MR. KLEPP: Your Honor, whatever time suits the Court. JUDGE BIRO: We can accommodate Mr. Chu since he traveled so far and we'll start at nine.
2 3 4 5 6	show factors for this Court to decide the gravity. JUDGE BIRO: We're talking about a 2017 selective enforcement audit. Is that something totally separate? MR. KLEPP: My understanding, Your Honor, is none of the vehicles in 2017 have anything to do with the engine families in the amended complaint.	2 3 4 5 6	morning. Nine would be nice since we're on Central Time, but I can do 8:30. MR. KLEPP: Your Honor, whatever time suits the Court. JUDGE BIRO: We can accommodate Mr. Chu
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22

23

did in fact those vehicles not have a catalyst?

A For the vehicles for the selectiveenforcement audit?

Q Let me withdraw that.

22

25

I did not hear from you a reference to CX191, which isthe slide of the summary of the factory.

if we're not tomorrow morning tell me.

MR. KLEPP: Your Honor, if I may, I believe

	Page 329		Page 331
1	JUDGE BIRO: Okay. Did we admit Exhibit	1	disclosing them to anyone for any reason without
2	191?	2	notifying the parties first?
3	MR. KLEPP: My understanding.	3	THE COURT REPORTER: I understand, Your
4	MR. CHU: Yes, Your Honor, I believe you	4	Honor.
5	admitted it. I objected. You admitted it.	5	JUDGE BIRO: Okay, thank you. Mike?
6	JUDGE BIRO: Okay. So, then add to that	6	MR. SUSANO: I do as well. Yes, I do
7	list Complainant's Exhibit 191.	7	understand as well.
8	MR. CHU: And 77, was it 77? I thought I	8	JUDGE BIRO: And give me your full name.
9	offered 77.	9	MR. SUSANO: Michael P. Susano.
10	JUDGE BIRO: Did you offer it or did we	10	JUDGE BIRO: And you're an EPA contractor?
11	identify it? How about is that Complainant's	11	MR. SUSANO: I am an EPA contractor employed
12	Exhibit 77 that you	12	by International Video Conferencing, Incorporated.
13	MR. CHU: Yes, Your Honor. There was some	13	JUDGE BIRO: And you agree to those terms?
14	discussion, but I didn't think there was an objection.	14	MR. SUSANO: I do agree.
15	JUDGE BIRO: Is there an objection to	15	JUDGE BIRO: Okay. Thank you.
16	Complainant's Exhibit 77?	16	(Whereupon, at 5:06 p.m., the hearing in the
17	MR. KLEPP: If it was offered earlier, I	17	above-entitled matter was recessed, to reconvene at
18	missed it. If it's being offered now, let me just	18	9:00 a.m. on Wednesday, October 18, 2017.)
19	confirm.	19	//
20	MR. CHU: I offer it now.	20	//
21	MR. KLEPP: Your Honor, we don't object.	21	//
22	JUDGE BIRO: You have no objection?	22	//
23	MR. KLEPP: No.	23	//
24	JUDGE BIRO: Okay. So, in the Respondents'	24	//
25	request the document identified as Complainant's	25	//
23	request the document identified us complainants		
	Page 330		Page 332
-	Page 330		Page 332
1	Exhibit 77 is admitted into the record.		Page 332 REPORTER'S CERTIFICATE
2	Exhibit 77 is admitted into the record. (The document referred to was		REPORTER'S CERTIFICATE
2 3	Exhibit 77 is admitted into the record. (The document referred to was marked for identification as		REPORTER'S CERTIFICATE DOCKET NO.: CAA-HQ-2015-8065
2 3 4	Exhibit 77 is admitted into the record. (The document referred to was marked for identification as Complainant's Exhibit No. 77,		REPORTER'S CERTIFICATE
2 3 4 5	Exhibit 77 is admitted into the record. (The document referred to was marked for identification as Complainant's Exhibit No. 77, and was received in		REPORTER'S CERTIFICATE DOCKET NO.: CAA-HQ-2015-8065 CASE TITLE: EPA v. Taotao USA, et al.
2 3 4 5 6	Exhibit 77 is admitted into the record. (The document referred to was marked for identification as Complainant's Exhibit No. 77, and was received in evidence.)		REPORTER'S CERTIFICATE DOCKET NO.: CAA-HQ-2015-8065 CASE TITLE: EPA v. Taotao USA, et al. HEARING DATE: October 17, 2017 LOCATION: Washington, D.C.
2 3 4 5 6 7	Exhibit 77 is admitted into the record. (The document referred to was marked for identification as Complainant's Exhibit No. 77, and was received in evidence.) JUDGE BIRO: Mr. Jackson, have a lovely		REPORTER'S CERTIFICATE DOCKET NO.: CAA-HQ-2015-8065 CASE TITLE: EPA v. Taotao USA, et al. HEARING DATE: October 17, 2017 LOCATION: Washington, D.C. I hereby certify that the proceedings and
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