



# South Coast Air Quality Management District

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July 25, 2013  
*via electronic submittal*

Mr. Gerardo Rios  
USEPA Region IX, Mail Stop AIR-3  
75 Hawthorne Street  
San Francisco, CA 94105

SUBJECT: Significant Permit Revision to Title V Facility Permit  
Ultramar, Inc.  
2402 E. Anaheim Street  
Wilmington, CA 90744

REFERENCE: SCAQMD Facility ID: 800026  
SCAQMD Application #s: 530492-530494, 530497, 542026-542036, 542038

Dear Mr. Rios: *Gerardo*

The South Coast Air Quality Management District (SCAQMD) has received and reviewed a Title V Significant Permit Revision application to the Ultramar, Inc. Facility Permit. Ultramar is proposing to implement a refinery-wide process safety improvement project by adding and replacing piping and pressure relief valves (PRVs) connecting certain equipment in various process units to the flare gas header system. This project will help ensure adequate relief protection in the event of an emergency overpressure scenario. The proposed permit change qualifies as a Significant Permit Revision since the modified flares will be subject to a new federal NSPS Subpart Ja. This permit revision is subject to a 45-day EPA review (SCAQMD Rule 3003) and a 30-day public comment period (SCAQMD Rule 3006). The changes to existing equipment located at the facility are listed in the table below:

	A/N	Equipment	Device ID	Permit Action	Section	Process	System
1	542026	Crude Unit 10	Various	Permit to Construct to modify piping and/or pressure relief valve(s) (PRVs)	H	1	1
2	542027	Crude Unit 11	Various	Permit to Construct to modify piping and/or PRVs	H	1	2
3	542028	Coker Unit 30	Various	Permit to Construct to modify piping and/or	H	2	1

	A/N	Equipment	Device ID	Permit Action	Section	Process	System
				PRVs			
4	542029	Coker Unit 31	Various	Permit to Construct to modify piping and/or PRVs	H	2	3
5	542030	Light Ends Recovery Unit 43	Various	Permit to Construct to modify piping and/or PRVs	H	8	4
6	542031	Light Ends Recovery Unit 44	Various	Permit to Construct to modify piping and/or PRVs	H	8	4
7	542032	Sour Water Stripping Unit 48	Various	Permit to Construct to modify piping and/or PRVs	H	10	5
8	542033	Naphtha Hydrotreating/Splitter Unit 56	Various	Permit to Construct to modify piping and/or PRVs	H	4	7
9	542034	Gas Oil Hydrodesulfurization Unit 58	Various	Permit to Construct to modify piping and/or PRVs	H	4	5
10	542035	Naphtha Hydrotreating Unit 60	Various	Permit to Construct to modify piping and/or PRVs	H	4	3
11	542036	Platformer Unit 70	Various	Permit to Construct to modify piping and/or PRVs	H	5	1
12	542038	Gas Oil Unibon Hydrotreating Unit 80	Various	Permit to Construct to modify piping and/or PRVs	H	4	1
13	530492	Flare, Phase 0	C401 D405 D407 D408	Permit to Construct for change of condition to specify flare is subject to NSPS Subpart Ja and clarify the operation of the flare and flare vapor recovery system during shutdowns, startups, and turnarounds (SD/SU/TA)	H	17	3
14	530493	Flare, Phase I	C402 D404	Permit to Construct for change of condition to specify flare is subject to NSPS Subpart Ja and clarify the operation of the flare and flare vapor	H	17	14

	A/N	Equipment	Device ID	Permit Action	Section	Process	System
				recovery system during SD/SU/TA			
15	530494	Flare, Phase II	C401 D406	Permit to Construct for change of condition to specify flare is subject to NSPS Subpart Ja and clarify the operation of the flare and flare vapor recovery system during SD/SU/TA	H	17	13
16	530497	Vapor Recovery System	Various	Permit to Construct for change of condition to clarify the operation of the flare and flare vapor recovery system during SD/SU/TA	H	17	1

The SCAQMD is required under Rule 3003(j) to provide a copy of the proposed permit to the EPA administrator for a 45-day review. A copy of the proposed revisions to the existing Title V permit is attached along with our analysis and the public notice for your review. As agreed with your staff, we are submitting the required documents to the email address [R9AirPermits\\_SC@epa.gov](mailto:R9AirPermits_SC@epa.gov). Please let us know if you have problems with downloading the above referenced documents, or if you would like hard copies of any of the documents.

If you have any questions or wish to provide comments regarding this proposed permit, please contact Ms. Connie Yee (909) 396-2619 ([cyeec@aqmd.gov](mailto:cyeec@aqmd.gov)).

Sincerely yours,



Mohsen Nazemi, P.E.  
Deputy Executive Officer  
Engineering and Compliance

Enclosures: Proposed Title V Permit, Section H  
Evaluation for A/Ns 530492-530494, 530497, 542026-542036, 542038  
Public Notice

cc: Natalie Irwin, Ultramar, Inc. (with cover letter only)