



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

February 4, 2014

Mr. Joe Barrett  
V.P. and General Manager  
Davis Wire Corporation  
5555 Irwindale Ave.  
Irwindale, CA 91706

Dear Mr. Barrett:

Subject: RECLAIM/Title V Facility Permit, I.D. No. 7411

Please find attached the revised Title Page, Table of Contents, and Section D of your RECLAIM/Title V Facility Permit. The revised sections reflect the approval of the Facility Permit amendments requested. This permit revision includes the modification of the following equipment which was sent to EPA Region 9 for a 45-Day Review. The SCAQMD did not receive comments from EPA.

Equipment	Application No.	Device No.	Process	Permit Type
Asphalt Storage	546223	D5 & D6	2	PO
Asphalt Saturant	546224	D2	2	PO
Galvanizing System No. 3	546225	D24-D29	1	PO
Galvanizing System No. 2	553881	D17-D21 & D62	1	PO
Galvanizing System No. 1	553882	D10-D14 & D61	1	PO

Please review the attached sections carefully. Insert the enclosed sections into your RECLAIM/Title V Facility Permit and discard the earlier version. Questions concerning changes to your permit should be directed to Ms. Monica Fernandez-Neild at 909.396.2202.

Sincerely,

Mohan Balagopalan  
Senior Manager  
Mechanical, Chemical and Ports Permitting

MB: mfn  
Enclosure  
c: Mr. Gerardo C. Rios, U.S. EPA, Region IX



## FACILITY PERMIT TO OPERATE

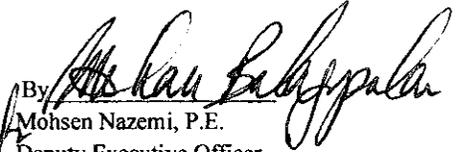
**DAVIS WIRE CORP  
5555 IRWINDALE AVE  
IRWINDALE, CA 91706**

### NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.  
EXECUTIVE OFFICER

By:   
Mohsen Nazemi, P.E.  
Deputy Executive Officer  
Engineering & Compliance



**FACILITY PERMIT TO OPERATE  
DAVIS WIRE CORP**

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## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: WIRE STRAND GALVANIZING SYSTEM</b>					
<b>System 1: GALVANIZING SYSTEM NO. 1</b>					
FURNACE, ANNEALING, WIRE STRAND GALVANIZING SYSTEM NO. 1, NATURAL GAS, WITH MODULATING CONTROL GAS VALVES, 12 MMBTU/HR A/N: 553882	D10		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 75 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C1.5, D323.1
TANK, HOLDING, WIRE STRAND GALVANIZING SYSTEM NO. 1, WATER QUENCH, WIDTH: 5 FT ; HEIGHT: 2 FT ; LENGTH: 6 FT A/N: 553882	D11				
PROCESS TANK, PICKLING, WIRE STRAND GALVANIZING SYSTEM NO. 1, HYDROCHLORIC ACID, WITH HOOD CASCADING WATER CURTAIN, WIDTH: 5 FT ; HEIGHT: 1 FT ; LENGTH: 30 FT A/N: 553882	D12				
TANK, HOLDING, WIRE STRAND GALVANIZING SYSTEM NO. 1, AMMONIUM CHLORIDE, FLUX, WIDTH: 3 FT ; HEIGHT: 3 FT 6 IN; LENGTH: 5 FT 6 IN A/N: 553882	D13				
DRYER, ELECTRIC AIR DRYING STATION A/N: 553882	D61				

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1: WIRE STRAND GALVANIZING SYSTEM</b>					
HOT POT/KETTLE, WIRE STRAND GALVANIZING SYSTEM NO. 1, NATURAL GAS, ZINC GALVANIZING KETTLE, TWO SECTIONS, 2.65 MMBTU/HR A/N: 553882	D14		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D323.1
<b>System 2: GALVANIZING SYSTEM NO. 2</b>					
FURNACE, ANNEALING, WIRE GALVANIZING SYSTEM NO. 2, NATURAL GAS, WITH MODULATING CONTROL GAS VALVES, 12 MMBTU/HR A/N: 553881	D17		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 75 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C1.5, D323.1
TANK, HOLDING, WIRE STRAND GALVANIZING SYSTEM NO. 2, WATER QUENCH, WIDTH: 5 FT ; HEIGHT: 2 FT ; LENGTH: 6 FT A/N: 553881	D18				
PROCESS TANK, PICKLING, WIRE STRAND GALVANIZING SYSTEM NO. 2, HYDROCHLORIC ACID, WITH HOOD CASCADING WATER CURTAIN, WIDTH: 5 FT ; HEIGHT: 1 FT ; LENGTH: 30 FT A/N: 553881	D19				
TANK, HOLDING, WIRE STRAND GALVANIZING SYSTEM NO. 2, AMMONIUM CHLORIDE, FLUX, WIDTH: 3 FT ; HEIGHT: 3 FT 6 IN; LENGTH: 5 FT 6 IN A/N: 553881	D20				

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: WIRE STRAND GALVANIZING SYSTEM</b>					
DRYER, ELECTRIC AIR DRYING STATION A/N: 553881	D62				
HOT POT/KETTLE, WIRE STRAND GALVANIZING SYSTEM NO. 2, NATURAL GAS, ZINC GALVANIZING KETTLE, TWO SECTIONS, 2.65 MMBTU/HR A/N: 553881	D21		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D323.1
<b>System 3: GALVANIZING SYSTEM NO. 3</b>					
FURNACE, ANNEALING, WIRE GALVANIZING SYSTEM NO. 3, NATURAL GAS, WITH MODULATING CONTROL GAS VALVES, 12 MMBTU/HR A/N: 546225	D24		NOX: LARGE SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 75 PPMV NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C1.5, D323.1
TANK, HOLDING, WIRE STRAND GALVANIZING SYSTEM NO. 3, WATER QUENCH, WIDTH: 5 FT ; HEIGHT: 2 FT ; LENGTH: 6 FT A/N: 546225	D25				
PROCESS TANK, PICKLING, WIRE STRAND GALVANIZING SYSTEM NO. 3, HYDROCHLORIC ACID, WITH HOOD CASCADING WATER CURTAIN, WIDTH: 5 FT ; HEIGHT: 1 FT ; LENGTH: 35 FT 6 IN A/N: 546225	D26				C1.6

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1: WIRE STRAND GALVANIZING SYSTEM</b>					
TANK, HOLDING, WIRE STRAND GALVANIZING SYSTEM NO. 3, AMMONIUM CHLORIDE, FLUX, WIDTH: 3 FT ; HEIGHT: 3 FT 6 IN; LENGTH: 5 FT 6 IN A/N: 546225	D27				C1.7
DRYER, ELECTRIC AIR DRYING STATION A/N: 546225	D28				
HOT POT/KETTLE, WIRE STRAND GALVANIZING SYSTEM NO. 3, NATURAL GAS, ZINC GALVANIZING KETTLE, TWO SECTIONS, 4.5 MMBTU/HR A/N: 546225	D29		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	B59.1, C1.4, D323.1, E71.1
<b>Process 2: ASPHALT SATURANT SYSTEM</b>					
<b>System 1: ASPHALT SATURANT</b>					
STORAGE TANK, HEATED, ASPHALT SATURANT, 7000 GALS; DIAMETER: 11 FT ; HEIGHT: 10 FT A/N: 546223	D5	C3 D6		PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	C1.1, C6.2, D12.1, D381.1, H23.2
STORAGE TANK, HEATED, WITH VAPOR RETURN LINE, ASPHALT SATURANT, 10000 GALS; DIAMETER: 13 FT ; HEIGHT: 10 FT A/N: 546223	D6	C3 D5		PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	C1.1, C6.2, D12.1, D381.1, H23.2
TANK, ASPHALT SATURATOR, WITH ASSOCIATED ROLLERS, WIDTH: 4 FT ; HEIGHT: 5 FT ; LENGTH: 8 FT A/N: 546224	D2	C3		PM: (9) [RULE 405, 2-7-1986]	B27.1, C1.8, D323.1

- |  |   |
|--|---|
| * (1) (1A) (1B) Denotes RECLAIM emission factor          | (2) (2A) (2B) Denotes RECLAIM emission rate                   |
| (3) Denotes RECLAIM concentration limit                  | (4) Denotes BACT emission limit                               |
| (5) (5A) (5B) Denotes command and control emission limit | (6) Denotes air toxic control rule limit                      |
| (7) Denotes NSR applicability limit                      | (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) |
| (9) See App B for Emission Limits                        | (10) See section J for NESHAP/MACT requirements               |

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: ASPHALT SATURANT SYSTEM</b>					
RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS	E38	C3		PM: (5) [RULE 405, 2-7-1986]	D323.1
<b>System 2: AIR POLLUTION CONTROL</b>					
FILTER, 3 FT W. X 8 FT L. X 23 FT H., BRINK, WITH A PREFILTER A/N: C36185	C3	D2 D5 D6 E38		PM: (9) [RULE 404, 2-7-1986]	D12.3, D322.2, D323.1, E102.1, E224.1, K67.1
<b>Process 3: SURFACE COATING</b>					
SPRAY COATING OPERATION, WITH SPRAY BOOTH A/N: 243277	D1			PM: (9) [RULE 404, 2-7-1986]; VOC: (9) [RULE 1130, 3-8-1996; RULE 1130, 10-8-1999; RULE 1171, 6-13-1997; RULE 1171, 10-8-1999]	C6.1, D12.3, D322.1, E175.1, H23.1, K67.1, K67.3
<b>Process 5: STORAGE TANKS</b>					
STORAGE TANK, HYDROCHLORIC ACID, 8500 GALS; DIAMETER: 10 FT ; HEIGHT: 18 FT 11 IN A/N: 128681	D4				
STORAGE TANK, PRESSURIZED, PROPANE, 30000 GALS; DIAMETER: 9 FT 2 IN; LENGTH: 66 FT A/N: 236909	D7				
<b>Process 6: MISCELLANEOUS OPERATIONS</b>					
<b>System 1: EXTERNAL COMBUSTION</b>					

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

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## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 6: MISCELLANEOUS OPERATIONS</b>					
BOILER, NATURAL GAS, HURST, MODEL S5-X-80-150, FIRE TUBE TYPE, WITH LOW NOX BURNER, 5.2 MMBTU/HR WITH A/N: 513493  BURNER, NATURAL GAS, POWER FLAME, MODEL NP2R-G-520, WITH LOW NOX BURNER, 5.2 MMBTU/HR	D55		NOX: PROCESS UNIT**	CO: 50 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; CO: 400 PPMV NATURAL GAS (5) [RULE 1146.1, 5-13-1994; RULE 1146.1, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 12 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; NOX: 38.46 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D12.2, D322.2

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 6: MISCELLANEOUS OPERATIONS</b>					
BOILER, NATURAL GAS, HURST, MODEL S5-X-80-150, FIRE TUBE TYPE, WITH LOW NOX BURNER, 5.2 MMBTU/HR WITH A/N: 522020  BURNER, NATURAL GAS, POWER FLAME, MODEL NP2R-G-520, WITH LOW NOX BURNER, 5.2 MMBTU/HR	D57		NOX: PROCESS UNIT**	CO: 50 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; CO: 400 PPMV NATURAL GAS (5) [RULE 1146.1, 5-13-1994; RULE 1146.1, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 12 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; NOX: 38.46 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D12.2, D322.2
<b>System 2: INTERNAL COMBUSTION</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, CLARK FIRE PROTECTION, MODEL JU4H-UF20, DRIVING A FIRE PUMP, 67 HP A/N: 477384	D54		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]	D12.4, E448.1, K67.5
<b>Process 9: R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES</b>					
RULE 219 EXEMPT EQUIPMENT, GALVANIZER WAX COATER	E59			VOC: (9) [RULE 1107, 11-9-2001; RULE 1107, 1-6-2006]	
RULE 219 EXEMPT EQUIPMENT, PAINT SPRAYER	E60			VOC: (9) [RULE 1113, 11-8-1996; RULE 1113, 6-3-2011]	

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 (3) Denotes RECLAIM concentration limit  
 (5) (5A) (5B) Denotes command and control emission limit  
 (7) Denotes NSR applicability limit  
 (9) See App B for Emission Limits  
 (2) (2A) (2B) Denotes RECLAIM emission rate  
 (4) Denotes BACT emission limit  
 (6) Denotes air toxic control rule limit  
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (10) See section J for NESHAP/MACT requirements

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**FACILITY PERMIT TO OPERATE  
DAVIS WIRE CORP**

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**SECTION D: DEVICE ID INDEX**

**The following sub-section provides an index  
to the devices that make up the facility  
description sorted by device ID.**



**FACILITY PERMIT TO OPERATE  
DAVIS WIRE CORP**

**SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1	5	3	0
D2	4	2	1
C3	5	2	2
D4	5	5	0
D5	4	2	1
D6	4	2	1
D7	5	5	0
D10	1	1	1
D11	1	1	1
D12	1	1	1
D13	1	1	1
D14	2	1	1
D17	2	1	2
D18	2	1	2
D19	2	1	2
D20	2	1	2
D21	3	1	2
D24	3	1	3
D25	3	1	3
D26	3	1	3
D27	4	1	3
D28	4	1	3
D29	4	1	3
E38	5	2	1
D54	7	6	2
D55	6	6	1
D57	7	6	1
E59	7	9	0
E60	7	9	0
D61	1	1	1
D62	3	1	2



## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

#### DEVICE CONDITIONS

##### B. Material/Fuel Type Limits

B27.1 The operator shall not use materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401, as amended 09/10/2010.

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D2]

B59.1 The operator shall not use the following material(s) in this device :

Metal contaminated with rubber, plastic, paper, rags, oil, grease, or similar smoke producing materials.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : D29]

##### C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the material processed to no more than 387,000 gallon(s) per month.



## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

This limit shall be based on the total combined limit for equipment D5 and D6.

For the purpose of this condition, material processed shall be defined as volume of asphalt put into the tank.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D5, D6]

- C1.4 The operator shall limit the material processed to no more than 960,000 lb(s) in any one month.

For the purpose of this condition, material processed shall be defined as the total amount of zinc ingot or clean zinc charged to the galvanizing kettle.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D29]

- C1.5 The operator shall limit the natural gas fuel usage to no more than 13.986 MM cubic feet in any one calendar month.



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**The operator shall comply with the terms and conditions set forth below:**

This limit shall be based on the total combined limit for equipment D10, D17 and D24.

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage of the fuel supply line.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D10, D17, D24]

- C1.6 The operator shall limit the material processed to no more than 50,000 gallon(s) per month.

For the purpose of this condition, material processed shall be defined as the total amount of HCl used in the pickling tank for Galvanizing System No. 3.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D26]

- C1.7 The operator shall limit the material processed to no more than 20,160 gallon(s) per month.

For the purpose of this condition, material processed shall be defined as the total amount of Ammonium Chloride used in the Flux tank for Galvanizing System No. 3.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.



## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D27]

C1.8 The operator shall limit the material processed to no more than 30 gallon(s) per month.

For the purpose of this condition, material processed shall be defined as anti-sticking agent used on rollers.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

**[RULE 1128, 3-8-1996; RULE 1171, 2-1-2008; RULE 1171, 5-1-2009; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D2]

C6.1 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 0.25 inches water column.

To comply with this condition, the operator shall monitor the differential pressure as specified in condition number 12-3.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D1]

C6.2 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 425 Deg F.



## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature of the saturant asphalt storage tanks.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D5, D6]

#### **D. Monitoring/Testing Requirements**

D12.1 The operator shall install and maintain a(n) gauge to accurately indicate the temperature of the saturant asphalt storage tank.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D5, D6]

D12.2 The operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage in the gas supply line to the boiler.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D55, D57]

D12.3 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the filter.

[RULE 1303(a)(1)-BACT, 5-10-1996]



## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D1, C3]

D12.4 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1110.2, 7-9-2010; RULE 1470, 6-1-2007]

[Devices subject to this condition : D54]

D322.1 The operator shall perform a weekly inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995]

[Devices subject to this condition : D1]

D322.2 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995]

[Devices subject to this condition : C3, D55, D57]



## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a quarterly basis, at least, unless the equipment did not operate during the entire quarter period. The routine quarterly inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.



## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995]**

[Devices subject to this condition : D2, C3, D10, D14, D17, D21, D24, D29, E38]

D381.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions; and
- 3). Date and time visible emission was abated.

**[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995]**

[Devices subject to this condition : D5, D6]

#### **E. Equipment Operation/Construction Requirements**

E71.1 The operator shall only operate this equipment if the kettle is covered with a layer of industrial vermiculite.



**FACILITY PERMIT TO OPERATE  
DAVIS WIRE CORP**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

**[RULE 1303(a)(1)-BACT, 5-10-1996]**

[Devices subject to this condition : D29]

E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

**[RULE 1303(a)(1)-BACT, 5-10-1996]**

[Devices subject to this condition : C3]

E175.1 The operator shall not use this equipment unless all exhaust air passes through the following:

filter media at least 2 inches thick

**[RULE 1303(a)(1)-BACT, 5-10-1996]**

[Devices subject to this condition : D1]

E224.1 The operator shall replace the filter elements when ever visible emissions occur.

**[RULE 1303(a)(1)-BACT, 5-10-1996]**

[Devices subject to this condition : C3]



## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

E448.1 The operator shall comply with the following requirements:

The engine shall not be operated more than 200 hours in any one year, which includes no more than 50 hours for maintenance and testing

Operation beyond the 50 hours per year allotted for engine maintenance and testing shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that the utility distribution company has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage

Engine operation shall be terminated immediately after the utility distribution company advises that the rotating outage is no longer imminent or in effect

This engine shall not be used as part of an interruptible service contract in which a facility receives a payment or reduced rates in return for reducing electric load on the grid when requested to do so by the utility or grid operator

[RULE 1110.2, 7-9-2010; RULE 1470, 6-1-2007]

[Devices subject to this condition : D54]

#### H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109
PM	District Rule	481



**FACILITY PERMIT TO OPERATE  
DAVIS WIRE CORP**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 109, 3-6-1992; RULE 481, 5-5-1978]**

[Devices subject to this condition : D1]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Visible Emissions	40CFR60, SUBPART	UU

No owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any asphalt storage tank exhaust gases with opacity greater than 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing.

The control device shall not be bypassed during this 15-minute period. If, however, the emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, the combined emissions shall meet the emission limit contained in Subpart 60.472(a) of this regulation during the time the saturator control device is operating.

At any other time the asphalt storage tanks must meet the opacity limit specified above for storage tanks.

**[40CFR 60 Subpart UU, 8-5-1983]**

[Devices subject to this condition : D5, D6]

**K. Record Keeping/Reporting**

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):



## FACILITY PERMIT TO OPERATE DAVIS WIRE CORP

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

the name of the person performing the inspection and/or maintenance of the filter media

the date, time and results of the inspection

the date, time and description of any maintenance or repairs resulting from the inspection

**[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995]**

[Devices subject to this condition : D1, C3]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

weekly record of pressure drop across the filter media

**[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995]**

[Devices subject to this condition : D1]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The engine operating log shall be maintained on a monthly basis, which include manual and automatic operation, listing the date of operation, elapsed time in hours, and the reason for operation

By January 15th of each year, the operator shall total and record the total hours of operation (including hours for both manual and automatic operation) for the previous calendar year

The above records shall be maintained on file for at least five years and made available to District personnel upon request



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**FACILITY PERMIT TO OPERATE  
DAVIS WIRE CORP**

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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[RULE 1110.2, 7-9-2010; RULE 1470, 6-1-2007]

[Devices subject to this condition : D54]