

**METAL FINISHING ASSOCIATION OF SOUTHERN CALIFORNIA COMPLIANCE GROUP
STORM WATER POLLUTION PREVENTION AND MONITORING PROGRAM**

7.10.4.1 Make-up Event Sampling. If no QSE occurs in the first half of the reporting year and a sample is not collected, no separate make-up sample for the first half is required in the second half of the reporting year.

7.10.5 Sampling Parameters

TABLE 1 SIC CODE ANALYTICAL PARAMETERS

Constituent	Reason
pH	Basic required constituent
Oil & Grease	Basic required constituent
Total Suspended Solids	Basic required constituent
Zinc	SIC Code constituent
Aluminum	SIC Code constituent
Iron	SIC Code constituent
Nitrate + Nitrite	SIC Code constituent
Chromium	Los Angeles Regional Water Quality Board

- ◆ pH – a measurement of hydrogen-ion concentration that indicates the presence of acidic or alkaline compounds;
- ◆ Total Suspended Sediments (TSS) – a measurement of solids that indicates the presence of sediment or other particulates and may indirectly indicate other pollutants that adhere to sediment particles; and
- ◆ Oil and Grease (O&G) – a measurement that indicates the presence of hydrocarbons or other forms of oils or greases.

**TABLE 2 SIC CODE PARAMETER NAL/TNAL VALUES, TEST METHODS
AND REPORTING UNITS**

PARAMETER	TEST METHOD	REPORTING UNIT	ANNUAL NAL/TNAL	INSTANTANEOUS MAX NAL
pH by Discharger	15 minutes	pH Units	N/A	Less than 6.0 Greater than 9.0
Total Suspended Solids	SM 2540-D	mg/L	100	400
Oil & Grease	EPA 1664A	mg/L	15	25
Zinc	EPA 200.8	mg/L	0.26	
Aluminum	EPA 200.8	mg/L	0.75	
Iron	EPA 200.7	mg/L	1.0	
Nitrate + Nitrite	SM 4500-NO3-E	mg/L as N	0.68	
Chromium	EPA 200.7	mg/L	0.285	

(NAL/TNAL = Numeric Action Level/Toxic NAL)

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TABLE 3 LISTED 303(d) PARAMETERS NOT INCLUDED IN SIC CODE**

PARAMETER*	TEST METHOD	REPORTING UNIT	ANNUAL NAL/TNAL
Copper	EPA200.8	mg/L	0.0332
Dissolved Copper	EPA200.8	mg/L	
Nickel	EPA200.8	mg/L	1.02
Cyanide	SM 4500-CN	mg/L	0.022
Cadmium	EPA200.8	mg/L	0.0053
Lead	EPA200.8	mg/L	0.262
Ammonia	SM 4500-NH3 B+C	mg/L	2.14
Total Dissolved Solids	SM 2450 C	mg/L	
Selenium	EPA200.8	mg/L	0.005

**See Appendix C, Potential Pollution Sources, Form 303(d) Assessment

TABLE 4 METHOD DETECTION LIMIT (MDL)

PARAMETER	REPORTING UNIT	MDL
pH	Ph Units	0.0
Total Suspended Solids	mg/L	1.0
Oil & Grease	mg/L	2.5
Zinc	mg/L	0.00089
Aluminum	mg/L	0.0025
Iron	mg/L	0.013
Nitrite + Nitrite	mg/L	0.01
Chromium	mg/L	0.010
Copper	mg/L	0.00012
Dissolved Copper	mg/L	0.00015
Nickel	mg/L	0.00021
Cyanide	mg/L	0.01
Cadmium	mg/L	0.00011
Lead	mg/L	0.00012
Ammonia	mg/L	0.02
Total Dissolved Solids	mg/L	2.2
Selenium	mg/L	0.00182

TABLE 5 GENERAL PERMIT APPENDIX E PARAMETERS