



South Coast Air Quality Management District
 21865 Copley Drive, Diamond Bar, CA, 91765
 1-800-CUT-SMOG www.aqmd.gov Phone: (909) 396-2000

Proposition 65 Notification

REPORT OF ACTUAL OR THREATENED ILLEGAL HAZARDOUS WASTE DISCHARGE LIKELY TO CAUSE SUBSTANTIAL INJURY TO THE PUBLIC HEALTH OR SAFETY
 (California Health & Safety Code Chapter 6.5 HWCA Section 25180.7)

BACKGROUND

SCAQMD LOG #2011-02

Date/Time Discharge Occurred: March, 2011		Location of Discharge: 817-853 Production Place	
FACILITY ID#: 11818			
City: Newport Beach	ZIP: 92663	Facility Owner/Operator/DBA: Hixson Metal Finishing	Facility ID# 11818
Date/Time Reporter Obtained Information/: April 1, 2011 11:52 AM		Reported By: South Coast Air Quality Management District	
Name of Designated Government Employee: Mohsen Nazemi	Title: Deputy Executive Officer	Phone: 909-398-2862	DGE knows the discharge will affect public health or safety <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Narrative description of actual or threatened illegal discharge of hazardous waste including the fate of released material: Hixson Metal Finishing is a chromium plating and anodizing facility located at 817-853 Production Place, Newport Beach, California 92663. The AQMD has conducted ambient air monitoring for chrome at three locations near Hixson Metal Plating (two directly across the street, north of Hixson at Robert A Millet Company located at 834 Production Place and one at the parking structure of Newport Villa Apartments at 1549 Piacentia Avenue, adjacent to the south side of Hixson). The results of the monitoring conducted in March (through March 28, 2011) showed a 24-hour average readings ranging from 0.26 to 26.86 nanograms per cubic meter, with the highest value occurring on March 28, 2011 and so far a March 2011 monthly average ranging from 1.98 to 8.66 nanograms per cubic meter for the three ambient monitoring sites. To put these measured ambient levels into context, AQMD applied the State of California established cancer risk factor for hexavalent chromium of 1.6x10-1 per microgram per cubic meter, which was calculated assuming a seventy(70) year lifetime exposure. Using the hexavalent chromium levels measured at these three ambient monitoring sites and using the monthly values averaged for the months of February and March(through 28,2011), AQMD has calculated an estimated incremental cancer risk ranging from 348 to 874 in one million, using the above risk factor and assuming a 70 year exposure.			

CHARACTERISTICS OF HAZARDOUS WASTE

Materials/Quantity: Hexavalent Chromium	Concentration of Discharge: 26.86 ng / m3
Hazard of Material: <input type="checkbox"/> Ignitable <input type="checkbox"/> Corrosive <input type="checkbox"/> Explosive <input type="checkbox"/> Reactive <input checked="" type="checkbox"/> Toxic <input checked="" type="checkbox"/> Other Hexavalent Chromium particles	Physical Description: <input type="checkbox"/> Liquid <input type="checkbox"/> Solid <input type="checkbox"/> Gas/Vapor

ASSESSMENT OF IMPACT ON PUBLIC HEALTH AND SAFETY

No. of reported illnesses: None	No. receiving medical treatment: None	Route of Injury/Exposure: <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Ingestion <input type="checkbox"/> Derna <input type="checkbox"/> Drinking Water
How Exposure Occurred: Airborne transport of chromium 6-containing particles measured as a 24-hour sample at. 834 W. Production Place		
Corrective Action: See Below		Date/Time Corrective Action Taken:
Follow-up Action: The AQMD is investigating the cause of the emission in order to determine the necessary corrective action to be taken.		

REFERRAL/DISCLOSURE

Health Officer: Dr. Eric Handler M.D., Orange County Health Officer	Board of Supervisors: Clerk of the Board	County Proposition 65 Coordinator: Pear Boelter, Program Manager, Orange County Environmental Health
County Health Officer/Deputy Agency Director Public Health Services	Orange County Board of Supervisors	
<input checked="" type="checkbox"/> Fax <input type="checkbox"/> Phone	Date/Time Transmitted:	<input checked="" type="checkbox"/> Fax <input type="checkbox"/> Phone
		Date/Time Transmitted:

I make this report on behalf of all designated employees of the South Coast Air Quality Management District.

Mohsen Nazemi
 Mohsen Nazemi, Deputy Executive Officer

4/11/11
 Date