

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Title V Permit Summary

AQMD Facility ID:	11887	Company Name:	NASA Jet Propulsion Laboratory		
Equipment Location:	4800 Oak Grove Drive, Pasadena, CA 91109			SIC Code: 9661	
Permit Revision #:	Revision Date:	Facility Permit Section(s) Affected:			
Application #(s):	517428	Application Submittal Date(s):	12/23/2010		
AQMD Contact Person:	Hamed Mandilawi	Phone #:	(909) 396-3275		
		E-Mail Address:	hmandilawi@aqmd.gov		
Project Description: This is an existing facility applying for a Title V permit renewal that performs space research and development. The facility operates internal combustion engines, spray booths, cleaning equipment, semiconductor and integrated circuit manufacturing operation, and other supporting equipment. Particulate matter emissions from the semiconductor and integrated circuit manufacturing operation are vented to an air pollution control equipment consisting of an oxidizer and scrubbers.					
Permit Type: <input type="checkbox"/> Initial Title V Permit <input type="checkbox"/> Significant Revision <input checked="" type="checkbox"/> Permit Renewal					
Permit Features: <input type="checkbox"/> Federally Enforceable Emission Cap For Exemption From Certain NESHAP Requirements <input type="checkbox"/> Permit Shield Applies <input checked="" type="checkbox"/> Permit Contains Conditions Allowing Emission Trading <input type="checkbox"/> Alternative Operating Scenario <input type="checkbox"/> Permit Streamlines Overlapping or Outdated Requirements <input type="checkbox"/> Other: _____ <input type="checkbox"/> Source Out of Compliance With Applicable Requirements and/or Operating Under a Variance					
Toxic Air Contaminant Emissions (TAC) - Annual Reported Emissions for Reporting Year: 2010		<input type="checkbox"/> No TACs Reported <input checked="" type="checkbox"/> <u>The Following TACs Were Reported:</u>		<u>Emissions (lbs/yr):</u>	
		Ammonia		2393	
		Benzene		7.938	
		Formaldehyde		19.611	
		Methyl Chloroform		10.265	
		Methylene Chloride		12	
		Nickel		0.034	
		PAHs		0.331	
Health Risk From Toxic Air Contaminants: <input type="checkbox"/> Health Risk Reduction Plan in Force (AQMD Rule 1402) (date): _____ <input type="checkbox"/> Health Risk Assessment Required for this Permit Action (AQMD Rule 1401) <input checked="" type="checkbox"/> Facility is Subject to Review by the Air Toxics Information and Assessment Act (AB2588) <input type="checkbox"/> Facility Determined to be Exempt from AB2588 Requirements <input checked="" type="checkbox"/> AQMD is Tracking Status of Facility under AB2588 <input type="checkbox"/> Health Risk Assessment Submitted to AQMD and Is Being Reviewed <input type="checkbox"/> Final Facility Health Risk Approved (date) _____ Cancer Risk = _____ in one million Acute Hazard Index = _____ Chronic Hazard Index = _____					
Criteria Pollutant Emissions Annual Reported Emissions (tons/year) for Reporting Year: 2010		<input checked="" type="checkbox"/> NOx	10.214	<input checked="" type="checkbox"/> PM	0.933
		<input checked="" type="checkbox"/> CO	6.056	<input checked="" type="checkbox"/> SOx	0.07
		<input checked="" type="checkbox"/> VOC	2.106	<input type="checkbox"/> Other:	_____
Compliance History: <input checked="" type="checkbox"/> Citizen Complaints Filed in Last Two Calendar Years (# 0) <input checked="" type="checkbox"/> Notices to Comply Issued in Last Two Calendar Years (# 0) <input checked="" type="checkbox"/> Notices of Violation Issued in Last Two Calendar Years (# 0)					
Comments:					