



STANDARD
AIR CONTAMINANT DISCHARGE PERMIT
MODIFICATION NO. 3

Department of Environmental Quality
Western Region
750 Front Street NE, Suite120
Salem, Oregon 97301-1039
(503) 378-8240

This permit is being issued in accordance with the provisions of ORS 468A.040 
based on the land use compatibility findings included in the permit record.

ISSUED TO:

Akzo Nobel Coatings Inc.
PO Box 12336
Salem, Oregon 97309

INFORMATION RELIED UPON:

Application No.: 022081
Date Received: 02/01/07
Additional Info. Received: 02/22/07, 2/27/07

PLANT SITE LOCATION:

1660 Cross Street SE
Salem, Oregon 97309

LAND USE COMPATIBILITY FINDING:

Approving Authority: City of Salem
Approval Date: 12/01/1994

ISSUED BY THE DEPARTMENT OF ENVIRONMENTAL QUALITY

Cheryll Hutchens, Western Region-Salem Air Quality Manager Dated

Addendum No. 3

In accordance with OAR 340-216-0066, Condition 2.1 of permit no. 24-9205 now reads as follows:

**2.1 Plant Site Emission
Limits (PSEL)**

Plant site emissions must not exceed the following:

Pollutant	Limit	Units
PM	37	tons per year
PM ₁₀	27	tons per year
SO ₂	39	tons per year
NO _x	39	tons per year
CO	99	tons per year
VOC	54	tons per year
Single HAP	9	tons per year
Combined HAPs	24	tons per year

Pursuant to Condition 3.2 of the Air Quality Permit new particulate matter emission factors are approved are changed in the emission factor table of Condition 9.0 which now reads as follows:

Emissions device or activity	Pollutant		Emission Factor (EF)	EF Units	EF Reference	
BLR-1	PM/PM10		2.5	Lb/MM ft3 NG	DEQ Factor	
	CO		84	Lb/MM ft3 NG	DEQ Factor	
	Nox		100	Lb/MM ft3 NG	DEQ Factor	
	VOC		5.5	Lb/MM ft3 NG	DEQ Factor	
Paint Production	PM/PM10		0.00162/0.001377	Lb/lb pigment	Engr. estimate	
	VOC	Production - Paint	0.0463	Lb/gal produced	EIIP Vol-II, Ch. 8 Eqn: 8.5.1	
		Production - Stain	0.0092			
		Production - Lacquer	0.0123			
		Production - Thinners, Catalysts, etc	0.0022			
		Production - Spray UV	0.0536			
		Production - UV/RAD (non-Spray)	0.00979			
		Production - Waterbase	0.0002			
		Floor Mopping	Actual emissions (Lb used - Lb recovered)		Lb	Material balance of VOC use
		Tank Cleaning	1.0200		Lb/batch produced	EF resulting from Material balance
		Drip Pans	0.868		Lb/day in use	EIIP Vol-II, Ch. 8 Section 4.4
		Parts Washing	0.3300		tons/part washer	AP-42 Section 4.6
		Storage Tanks	Calculated emissions		Lb	USEPA Tanks 4 calculation
		Tote washer	1.9		Lb/tote	EF resulting from measurements
		QC - Flow Out	0.450		Lb/batch	EF resulting from Material balance
		QC - Spray	0.9375		Lb/batch	EF resulting from Material balance
		R&D Labs (tons/yr)	0.015		Lb/lb	AP-42 Section 6.4
	Shaft Washing	0.167		Lb/batch	EF resulting from Material balance	
	Pipe system fugitive emissions - Connections Valves Pumps		0.000033	Lb/hr/comp nent	EIIP Vol-II, Ch. 8 Table 8.5-2	
			0.000908			
			0.009301			
		Natural Gas Combustion	5.5		Lb/million scf NG	DEQ Factor
		Volatile HAPs	Calculated as (v-HAP Use / Total Solvent Use) * Total VOC Emissions		LB	EIIP Vol-II, Ch. 8 Eqn: 8.5-7
	Particulate HAPs	0.00162/0.001377		Lb/lb p-HAP	Engr. estimate	