

TANKS 4.0.9d
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification

User Identification:	VNiMo pirolize
City:	Grobina
State:	Latvija
Company:	VNiMo
Type of Tank:	Horizontal Tank
Description:	DD tvertne

Tank Dimensions

Shell Length (ft):	16.40
Diameter (ft):	12.65
Volume (gallons):	7,925.16
Turnovers:	17.65
Net Throughput(gal/yr):	139,855.79
Is Tank Heated (y/n):	N
Is Tank Underground (y/n):	N

Paint Characteristics

Shell Color/Shade:	Aluminum/Specular
Shell Condition	Good

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meteorological Data used in Emissions Calculations: Liepaja, Latvija (Avg Atmospheric Pressure = 14.5 psia)

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Liquid Contents of Storage Tank

VNiMo pirolize - Horizontal Tank
Grobina, Latvija

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)			Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.		Avg.	Min.	Max.					
Distillate fuel oil no. 2	All	49.68	42.11	57.26	47.38	0.0045	0.0034	0.0060	130.0000			188.00	Option 1: VP40 = .0031 VP50 = .0045
1,2,4-Trimethylbenzene						0.0134	0.0097	0.0183	120.1900	0.0100	0.0434	120.19	Option 2: A=7.04383, B=1573.267, C=208.56
Benzene						0.8711	0.6957	1.0819	78.1100	0.0000	0.0023	78.11	Option 2: A=6.905, B=1211.033, C=220.79
Ethylbenzene						0.0751	0.0566	0.0986	106.1700	0.0001	0.0032	106.17	Option 2: A=6.975, B=1424.255, C=213.21
Hexane (-n)						1.4535	1.1774	1.7810	86.1700	0.0000	0.0005	86.17	Option 2: A=6.876, B=1171.17, C=224.41
Toluene						0.2375	0.1845	0.3030	92.1300	0.0003	0.0247	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Unidentified Components						0.0038	0.0034	0.0036	134.5445	0.9866	0.8674	189.60	
Xylene (-m)						0.0623	0.0468	0.0820	106.1700	0.0029	0.0586	106.17	Option 2: A=7.009, B=1462.266, C=215.11

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Individual Tank Emission Totals

Emissions Report for: Annual

VNiMo pirolize - Horizontal Tank
Grobina, Latvija

Components	Losses(lbs)		
	Working Loss	Breathing Loss	Total Emissions
Distillate fuel oil no. 2	1.93	2.82	4.75
Hexane (-n)	0.00	0.00	0.00
Benzene	0.00	0.01	0.01
Toluene	0.05	0.07	0.12
Ethylbenzene	0.01	0.01	0.02
Xylene (-m)	0.11	0.17	0.28
1,2,4-Trimethylbenzene	0.08	0.12	0.21
Unidentified Components	1.67	2.44	4.12

