

ATTACHMENT - Facility Information

Kinder Morgan Southeast Terminals, LLC

GCM-2060-0056

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GENERAL INFORMATION

A - APPLICABLE PERMIT DATES

COVERAGE DATE: October 1, 2012

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 200 Nebo Street
 CITY, STATE, ZIP FACILITY IS LOCATED IN: Spartanburg, SC 29302
 COUNTY FACILITY IS LOCATED IN: Spartanburg

C - EQUIPMENT INSTALLED

Equip ID	Exempt Yes / No	Equipment Description	Maximum Size / Maximum Throughput	Fuels Used/ Materials Handled	Installation Date/ Modification Date	Emission Point ID
LR	No	Loading Rack (SC Reg. 61-62.5, Standard 5 Part T when in gasoline service) (40 CFR 63 Subparts A and BBBBBB when in gasoline service) (40 CFR 60, Subparts A and XX)	---	Gasoline/ Distillate/ Denatured Ethanol	1950's/1980	LR
201	No	External floating roof storage tank (SC Reg. 61-62.5, Standard 5 Part P when in gasoline service) (40 CFR 63 Subparts A and BBBBBB when in gasoline service)	23,928 barrel (1,004,976 gallon)	Gasoline/ Distillate	1953	201
202	No	Internal floating roof storage tank (SC Reg. 61-62.5, Standard 5 Part O) (40 CFR 60 Subparts A and K)	19,910 barrel (836,220 gallon)	Denatured ethanol (blend of 95-98% ethanol with 2-5% gasoline)	1975/2004	202
301	No	External floating roof storage tank (SC Reg. 61-62.5, Standard 5 Part P when in gasoline service) (40 CFR 63 Subparts A and BBBBBB when in gasoline service)	32,576 barrel (1,368,192 gallon)	Gasoline/ Distillate	1955	301
302	No	Internal floating roof storage tank (SC Reg. 61-62.5, Standard 5 Part O when in gasoline service) (40 CFR 63 Subparts A and BBBBBB when in gasoline service)	30,000 barrel (1,386,000 gallon)	Gasoline/ Distillate	1955/2006	302
501	No	Internal Floating roof storage tank (SC Reg. 61-62.5, Standard 5 Part O when in gasoline service) (40 CFR 60 Subparts A and Kb) (40 CFR 63 Subparts A and BBBBBB when in gasoline service)	55,848 barrel (2,345,616 gallon)	Gasoline/ Distillate	1955/2014	501
901	No	Internal Floating Roof Gasoline Storage Tank (40 CFR 60 Subparts A and Kb) (40 CFR 63 Subparts A and BBBBBB)	90,000 barrel (3,856,062 gallon)	Gasoline	2015	901

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C - EQUIPMENT INSTALLED

Equip ID	Exempt Yes / No	Equipment Description	Maximum Size / Maximum Throughput	Fuels Used/ Materials Handled	Installation Date/ Modification Date	Emission Point ID
		when in gasoline service)				
B	Yes	Vertical cylindrical tank	238.1 barrel (10,000 gallon)	Fuel Additive	2008	N/A
C	Yes	Tank	238.1 barrel (10,000 gallon)	Gasoline Additive	1991	N/A
D	Yes	Tank	13.1 barrel (550 gallon)	Red dye Additive	2002	N/A
E	Yes	Tank	47.62 barrel (2,000 gallon)	Lubricity Additive	2002	N/A
F	Yes	Tank	25.81 barrel (1,000 gallon)	Propane	2007	N/A
G	Yes	Tank	238.1 barrel (10,000 gallon)	Transmix	2011	N/A
H	Yes	Tank	5,000 gallon	Petroleum Contact Water	2015	N/A

D - CONTROL DEVICES

Control Device ID	Equipment ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
CD- VCU	LR	Vapor Combustion Unit (40 CFR 63 Subparts A and BBBB) (40 CFR 60, Subparts A and XX)	2001	VOCs/HAPs

RECORD OF REVISIONS

Revision Date	Description of Change
06-21-2013	Add gasoline service clarification to SC Reg. 61-62.5, Standard 5 Part T for Equipment ID LR. Added gasoline service clarification for 40 CFR 63 Subparts A and BBBB for Equipment ID's LR, 201, 301 and 302. Removed SC Regulation 61-62.5, Standard 5 Part O requirements for Equipment ID's 202 and 302. Added SC Reg. 61-62.5, Standard 5 Part O to Equipment ID 202. Added gasoline service clarification to SC Reg. 61-62.5, Standard 5 Part O for Equipment ID 302. Added gasoline service clarification to SC Reg. 61-62.5, Standard 5 Part P for Equipment IDs 201 and 301. Removed SC Reg. 61-62.5, Standard 5 Part O from Equipment ID 501.
06-24-2014	Added gasoline in materials handled column to tank 501. Added SC Reg. 61-62.5, Standard 5 Part O, 40 CFR 60 Subpart Kb, and 40 CFR 63, Subparts A and BBBB to Equipment ID 501 when in gasoline service. This tank is no longer an exempt source. Also added 40 CFR 60 Subparts A and XX, and 40 CFR 63 Subparts A and BBBB to control device ID LR. Also added 40 CFR 60 Subparts A and XX, and 40 CFR 63 Subparts A and BBBB to control device ID CD-VCU. Removed 40 CFR 60 Subparts A and Kb from tank 202 and 302. Added 40 CFR 60 Subparts A and K to tank 202.
01-28-2015	Modified Emission Rates for Ambient Air Standards Attachment to reflect other permit templates.

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RECORD OF REVISIONS	
Revision Date	Description of Change
12/15/15	Addition of exempt ID H – 5,000 Petroleum Contact Water Tank Incorporated construction permit CC with slight changes: Equipment ID changed from 801 to 901, and design capacity parameters changed from CP including size of tank. The permitted size was 3,360,000 gallons but actual size of tank is 3,856,062 gallons.

ATTACHMENT - Emission Rates for Ambient Air Standards

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The emission rates listed herein are not considered federally enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards.

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2									
Emission Point ID			Emission Rates (lbs/hr)						
			PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Lead	HF
Vapor (VCU)	Combustion	Unit	0.700	0.700	0.00936	7.601	4.385	--	--

TOXIC AIR POLLUTANTS - STANDARD NO. 8	
Emission Rates (lbs/hr)	
Emission Point ID	Benzene 71-43-2
Piping Fugitives	3.0E-05
Tank #201	1.0E-02
Tank #202	4.0E-04
Tank #301	1.0E-02
Tank #302	4.0E-03
Tank #501	9.0E-03
Tank #A001	5.0E-06
Tank #A003	1.0E-06
Tank #A004	5.0E-06
Tank #A005	5.0E-06
Truck Fugitives	2.0E-02
VCU	4.0E-02

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
POLLUTANT	CAS NUMBER	Facility Wide Emission Rates (lbs/day)
Cumene (Isopropylbenzene)	98-82-8	0.046
Ethyl Benzene	100-41-4	0.213
Hexane	110-54-3	2.079
Toluene	108-88-3	2.753
2,2,4-Trimethylpentane	540-84-1	2.726
Xylene (m-)	108-38-3	0.912