

ATTACHMENT - Facility Information

CITGO Petroleum Corporation – Spartanburg Terminal GCM-2060-0101 Page 1 of 2

GENERAL INFORMATION

A - APPLICABLE PERMIT DATES

COVERAGE DATE: October 1, 2012

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 2590 Southport Road
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 60 Subparts A and XX when in gasoline service) (40 CFR 63 Subparts A and BBBBBB when in gasoline service)	---	Gasoline/Distillate	1952	LR
TK-03	No	Domed external floating roof storage tank (SC Reg. 61-62.5, Standard 5 Part P) (40 CFR 63 Subparts A and BBBBBB)	16,726 barrel (702,501 gallon)	Gasoline	1952 / 2006	TK-03
TK-04	No	Domed 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)	38,603 barrel (1,621,319 gallon)	Gasoline/Distillate	1952	TK-04
TK-05	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)	16,690 barrel (700,977 gallon)	Gasoline/Distillate	1970	TK-05
TK-06	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)	41,261 barrel (1,732,949 gallon)	Gasoline/Distillate	1959	TK-06
TK-01	Yes	Internal floating roof storage tank	31,951 barrel (1,341,951 gallon)	Distillate	1952	TK-01
TK-02	Yes	Fixed roof storage tank	16,131 barrel (677,520 gallon)	Distillate	1952	TK-02
TK-07	Yes	Horizontal Tank	95.5 barrel (4,010.8 gallon)	Petroleum Contact Water	1996	TK-07

ATTACHMENT - Facility Information

**CITGO Petroleum Corporation – Spartanburg Terminal
GCM-2060-0101
Page 2 of 2**

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
TK-08	Yes	Horizontal Tank	95.5 barrel (4,012 gallon)	Pour Back Tank	1996	TK-08
TK-09	Yes	Horizontal Tank	238.1 barrel (10,000 gallon)	Petroleum Contact Water	2006	TK-09
TK-10	Yes	Horizontal tank	11.9 barrel (500 gallon)	Petroleum Contact Water	1996	TK-10
TK-11	Yes	Vertical fixed roof storage tank	700 barrel (29,386 gallon)	Ethanol(95%±)/ Gasoline (5%±)	2009	TK-11
TK-12	Yes	Vertical fixed roof storage tank	700 barrel (29,386 gallon)	Ethanol(95%±)/ Gasoline (5%±)	2009	TK-12
TK-13	Yes	Vertical fixed roof storage tank	700 barrel (29,386 gallon)	Ethanol(95%±)/ Gasoline (5%±)	2009	TK-13
ADD-01	Yes	Fixed roof storage tank	251.8 barrel (10,575.3 gallon)	Gasoline Additive	1995	ADD-01
ADD-03	Yes	Fixed roof storage tank	71.62 barrel (3,008.9 gallon)	Diesel Lubricity Additive	Pre-1997	ADD-03
08297	Yes	Fiberglass underground storage tank (Out of Service)	239.90 barrel (9,728 gallon)	Gasoline Additive	1988	08297
ADD-05	Yes	Fixed roof storage tank	6.50 barrel (273.2 gallon)	Red Dye Additive	Pre-1997	ADD-05

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 when in gasoline service) (40 CFR 60 Subparts A and XX when in gasoline service)	April 1995	VOC

RECORD OF REVISIONS	
Revision Date	Description of Change
06-21-2013	Added 40 CFR 60 Subparts A and XX when in gasoline service to Equipment ID LR. Added gasoline service clarification for 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, TK-04, TK-05 and TK-06. Added gasoline service clarification to SC Reg. 61-62.5, Standard 5, Part P for Equipment ID TK-04. Added gasoline service clarification for SC Reg.61-62.5, Standard 5 Part O requirements for Equipment IDs TK06 and TK-05. Added 40 CFR 60 Subparts A and Kb to Equipment ID TK-03. Removed SC Reg. 61-62.5, Standard 5 Part O to Equipment ID TK-02.
06-24-2014	Added 40 CFR 60 Subparts A and XX and 40 CFR 63 Subparts A and BBBB to Equipment CD-VCU when in gasoline service. Removed 40 CFR 60, Subparts A and Kb from TK-03 (the facility changed storage content of the tank, they did not make any physical modification to the tank to accommodate this change therefore Subpart Kb does not apply).
01-28-2015	Modified Emission Rates for Ambient Air Standards Attachment to reflect other permit templates.

ATTACHMENT - Emission Rates for Ambient Air Standards

**CITGO Petroleum Corporation – Spartanburg Terminal
GCM-2060-0101
Page 1 OF 1**

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)						
	PM₁₀	PM_{2.5}	SO₂	NO_x	CO	Lead	Gaseous Fluorides (as HF)
VCU	---	---	---	1.716	4.289	---	---

TOXIC AIR POLLUTANTS - STANDARD NO. 8	
Emission Point ID	Emission Rates (lbs/hr)
	Benzene 71-43-2
Tank 1	0.0047
Tank 2	0.0009
Tank 3	0.0036
Tank 4	0.0011
Tank 5	0.0053
Tank 6	0.0042
VCU	0.105
Loading Rack Fugitives	0.0446

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
POLLUTANT	CAS NUMBER	Facility Wide Emission Rates (lbs/day)
Ethyl Benzene	100-41-4	0.47
Hexane	110-54-3	7.3
Toluene	108-88-3	6.02
Xylene	1330-20-7	2.65
Methyl Tertiary Butyl Ether	1634-04-4	0.00
2,2,4 - Trimethylpentane	540-84-1	3.58