

FEDERAL OPERATING PERMIT - TECHNICAL REVIEW SUMMARY

GENERAL OPERATING PERMIT (GOP) REVISION

GOP Type:	514	Company:	Natural Gas Pipeline Company of America LLC
Permit #:	0826	Site:	Compressor Station 154
Project #:	36559	Application Area:	Compressor Station 154
Regulated Entity #:	RN100225481	Customer #:	CN600124200
Region:	1	County:	Gray
NAICS Code:	486210	NAICS Name:	Pipeline Transportation of Natural Gas
Permit Reviewer:	Paige Cartwright		

SITE INFORMATION

Physical Location: 8578 County Road 24
Nearest City: Pampa
Major Pollutants: NOX
Additional FOPs: None

PROJECT SUMMARY

Pursuant to 30 TAC Chapter 122, a General Operating Permit (GOP) revision application was received on behalf of Natural Gas Pipeline Company of America LLC's Compressor Station 154 site which is a natural gas transmission facility, on April 17, 2024. This revision was submitted to demonstrate compliance with 30 TAC 111.111(a)(1)(B) by incorporating Periodic Monitoring for visible emissions for two off-permit sources at the site. This GOP was last renewed February 24, 2022.

PROCESS DESCRIPTION

Compressor Station 154, also referred to as NGPL 154, is located in Gray County, Texas. Gas from surrounding pipelines enters the facility through pigging receivers. From there, the gas is sent to one of five natural gas turbines: three (3) Solar Saturn natural gas turbines (SAT-1 through SAT-3) and two (2) Solar Centaur natural gas turbines (CENT4 and CENT5). Each of the Solar Saturn turbines are rated at 1,040 horsepower and each of the Solar Centaur turbines are rated at 4,061 horsepower. From the natural gas turbines, gas is discharged from the facility back to surrounding pipelines.

There are two (2) large storage tanks greater than 500 gallons (approximately 12 barrels) onsite. One is a 210-barrel condensate tank (DRIP-1) that collects and stores liquids that condense out of the gas during compression. The other is a 600-gallon lube oil tank (LUBE-1) used throughout the facility for the natural gas turbines.

One (1) Ford natural gas four-stroke rich burn emergency generator (EMERGEN) supplies power to the facility at times when grid power is unavailable. The emergency generator's onsite power rating is 126 horsepower.

There are also small storage tanks and miscellaneous heaters less than 5 MMBtu/hr at the facility that are permit exempt.

Fugitive emissions from component leaks also occur across the facility as part of normal operations. Operational activities that occur on an as-needed basis include routine maintenance, startup, and shutdown events, truck loading and unloading associate with storage tanks, and emergency shutdowns.

TECHNICAL REVIEW

Application/Project Summary

1. Were any of the GOP index Nos. submitted in this application revised or updated?..... No
 - a. Were any of these resolved without the submittal of a new UA form?..... No
2. Were provisional requirements or form OP-REQ3 submitted?..... No
3. Was form OP-REQ2 submitted?..... No
4. Were any high-level GOP index numbers included in the IMS for this project?..... No
5. Was Periodic Monitoring (PM) required and included in the IMS?..... Yes
6. Was Compliance Assurance Monitoring (CAM) required and included in the IMS?..... No
7. Was monitoring added in the IMS for emission limits identified in a Standard Permit or PBR?..... No

8. Were any existing GOP Index Nos. revised or updated? No
9. Did this project incorporate a revised GOP? No

Permit reviewer notes:

- No consistency check errors associated with this project.
- An OP-UA15 was submitted to update unit attributes for units HEATER and CFRTHTTR.
 - o These two units were previously incorporated by reference in the last renewal since they did not include any individual unit attributes and the only requirements for these units were found in the preconstruction authorizations.
 - o Other units incorporated by reference include: SITEMSS, and FUG.
- Added units HEATER and CFRTHTTR to permit and associated periodic monitoring (PM) for visible emissions using the submitted OP-MON form.
- Periodic monitoring is also present for units: CENT4, CENT5, EMERGEN, SAT1, SAT2, and SAT3 for NOX and Opacity under NSPS GG and 30 TAC 111, per the last renewal.
- OP-PBRSUP form not included in application.
- There were no application updates therefore, a final OP-CRO1 is not needed.

Delinquent Fee Check

1. The delinquent fee check was performed on June 6, 2024 .
2. Were there any delinquent fees owed? No

IMPORTANT MILESTONES

Milestone (Standard)	Start Date	End Date
Date Application Received by TCEQ	04/17/2024	
Date Project Received by Engineer	05/03/2024	
Technical Review Period	05/06/2024	06/06/2024

EFFECTIVE PERMIT ISSUANCE DATE:..... June 19, 2024



06/06/2024

06/11/2024

Paige Cartwright
Permit Reviewer
Operating Permits Section
Air Permits Division

Date

Rhyan Stone
Team Leader
Operating Permits Section
Air Permit Division

Date

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