

Statement of Basis For Title V Permit

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|---|-------------------------------|--|
| Company Name | Churchtown Compressor Station | |
| Premise Number | 0684020025 | |
| What makes this facility a Title V facility? | NO _x , CO | |
| Has each insignificant emissions unit been reviewed to confirm it meets the definition in 3745-77-01 (U)? | Yes | |
| Were there any “common control” issues associated with this facility? If yes, provide a summary of those issues and explain how the DAPC decided to resolve them. | No | |

| Part II (State and Federally Enforceable Requirements) | | | |
|---|-----------------|-------|----------|
| Term and Condition (paragraph) | Basis | | Comments |
| | SIP (3745-) | Other | |
| None | | | |
| | | | |
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C Instructions for Part II:

Each paragraph in Part II must be identified and the remainder of the table completed. If the SIP (not including 31-05) is the basis for the term and condition, identify the specific rule. If the SIP is not the basis for the term and condition, place an “N” in the column under “SIP.” If the basis for the term and condition is something other than the SIP, including 3745-31-05, NSPS or MACT, a “Y” should be noted in the “Other” column, and if not, an “N” should be noted. Whether the basis for the term and condition is the “SIP” or “Other,” an explanation of each term and condition in Part II must be provided in the “Comments” section.

Part III (Requirements Within the State & Federally Enforceable Section)

Any unusual requirements or aspects of the terms and conditions in Part III that are not self-explanatory should be explained in the appropriate comment field or in a paragraph following the table for Part III.

| EU(s) | Limitation | Basis | | N D | OR | M | St | ENF | R | St | Rp | St | ET | Misc | Comments |
|------------------------|---|--------------------|-------|--------|----|---|----|-----|---|----|----|----|----|------|--|
| | | SIP (3745-) | Other | | | | | | | | | | | | |
| B001, B005, B006 | 20 % opacity | 17-07 (A) | | N | Y | Y | N | N | Y | N | Y | N | N | N | OR - Natural gas only. Inherently clean so no ET required. M, R & Rp required if any other fuel used. |
| B001 | 0.35 lb/mmBtu 0.062 lb/mmBtu | 17-11(B)(5)(b) | | N | Y | Y | N | N | Y | N | Y | N | N | N | OR - Natural gas only. Inherently clean so no ET required. M, R & Rp required if any other fuel used. Compliance based on AP-42 EF. The requirement to comply with the 0.35 lb/mmBtu PE limitation shall terminate on the date the U.S. EPA approves the 0.062 lb/mmBtu actual heat input emission limitation as a revision to the Ohio SIP for particulate matter. |
| B005 | 0.25 lb/mmBtu 0.310 lb/mmBtu | 17-11(B)(5)(a) | | N | Y | Y | N | N | Y | N | Y | N | N | N | OR - Natural gas only. Inherently clean so no ET required. M, R & Rp required if any other fuel used. Compliance based on AP-42 EF. The requirement to comply with the 0.25 lb/mmBtu PE limitation shall terminate on the date the U.S. EPA approves the 0.310 lb/mmBtu actual heat input emission limitation as a revision to the Ohio SIP for particulate matter. |
| B001, B005 | None - Exempt | 18-06(B) | | Y | N | N | N | N | N | N | N | N | N | N | OAC rule 3745-18-06(B) exempts stationary internal combustion engines which have rated heat input capacities equal to, or less than, 10 mmBtu/hr from the sulfur dioxide emission limit in OAC rule 3745-18-06(G). |

| | | | | | | | | | | | | | | | |
|---------------|--|--------------------------|----------------------|---|---|---|---|---|---|---|---|---|---|---|--|
| B001, B005 | Best available control techniques and operating practices. Latest available control techniques and operating practices. | 21-08(B) 23-06(B) | | N | N | N | N | N | N | N | N | N | N | N | The permittee has satisfied the "best available control techniques and operating practices" and "latest available control techniques and operating practices" required pursuant to OAC rules 3745-21-08 and 3745-23-06, respectively by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in Permit to Install 06-711 (B001) and 06-910 (B005). |
| B006 | 0.94 lb VOC/hr, 4.1 tpy | N | Y 31-05(A)(3) | N | N | N | N | N | N | N | N | N | N | N | M, R, Rp, ET unnecessary since VOC's are fugitive emissions. Compliance based on computer program calculation. All PTI requirements in Title V permit. |
| B006 | 0.09 tpy PE | N | Y 31-05(A)(3) | N | Y | Y | N | N | Y | N | Y | N | N | N | OR - Natural gas only. Inherently clean so no ET required. M, R & Rp required if any other fuel used. Compliance based on AP-42 EF. All PTI requirements in Title V permit. |
| B006 | 0.020 lb PE/mmBtu | 17-10(B)(1) | N | N | Y | Y | N | N | Y | N | Y | N | N | N | OR - Natural gas only. Inherently clean so no ET required. M, R & Rp required if any other fuel used. Compliance based on AP-42 EF. |
| B006 | None | 21-07(G)(2) | N | Y | Y | M | N | N | Y | N | Y | N | N | N | This emissions unit does not employ, apply, evaporate or dry any photochemically reactive material (PRM), or any substance containing such PRM. The emissions unit is designed to use only glycol which is not a photochemically reactive material as defined in OAC rule 3745-21-01(C)(5). Therefore, there are no applicable emission limitations from OAC rule 3745-21-07(G)(2). OR - Glycol only. M, R & Rp required if any other coolant used. |

EU = emissions unit ID

ND = negative declaration (i.e., term that indicates that a particular rule(s) is (are) not applicable to a specific emissions unit)

OR = operational restriction

M = monitoring requirements

St = streamlining term used to replace a PTI monitoring, record keeping, or reporting requirement with an equivalent or more stringent requirement

ENF = did noncompliance issues drive the monitoring requirements?

R = record keeping requirements
Rp = reporting requirements
ET = emission testing requirements (not including compliance method terms)
Misc = miscellaneous requirements

C **Instructions for Part III:**

- C All non-insignificant EUs must be included in this table. For each EU, or group of similar EUs, each emission limitation and control requirement specified in section A.I.1 and A.I.2 of the permit must be identified and the remainder of the table completed.
- C If the SIP (not including OAC rule 3745-31-05) is the basis for the term and condition, identify the specific rule. If the SIP is not the basis for the term and condition, place an “N” in the column under “SIP.” If the basis for the term and condition is something other than the SIP, including OAC rule 3745-31-05, NSPS or MACT, a “Y” should be noted in the “Other” column, and if not, an “N” should be noted. If the basis for the term and condition is “Other,” an explanation of the basis must be provided in the “Comments” section. If OAC rule 3745-31-05 is cited in the “Other” column, please indicate in the “Comments” section whether or not all of the requirements have been transferred from the permit to install.
- To complete the remainder of the table after “Basis,” except for the “Comments” section, simply specify a “Y” for yes or an “N” for no. For the “M,” “R,” “Rp,” and “ET” columns, if “N” is specified, there should be a brief explanation in the “Comments” section as to why there are no requirements. **If a brief explanation is provided in the “Comments” section, please do not simply indicate that monitoring or testing requirements are not necessary. An explanation of why a requirement is not necessary should be specified.**

When periodic monitoring requirements are established to satisfy the provisions of OAC rule 3745-77-07(A)(3)(a)(ii), the basis for the requirements must be explained. Whenever Engineering Guides have been used to establish the periodic monitoring requirements, the applicable Engineering Guide may be referenced in the “Comments” section. An example that should be clarified would be the situation where it has been determined that control equipment parametric monitoring will be used to evaluate ongoing compliance in lieu of performing frequent emission tests. In this situation, Engineering Guide #65 would be referenced along with the fact that the parametric monitoring range (or minimum value) corresponded to the range (or minimum value) documented during the most recent emission tests that demonstrated that the emissions unit was in compliance. If streamlining language is included in the “Monitoring,” “Record Keeping,” or “Reporting” requirements sections of the permit, explain which requirements are being streamlined (mark appropriate column above) and provide a brief explanation of why the streamlined term is equal to or more stringent than the “Monitoring,” “Record Keeping,” or “Reporting” requirements specified in the permit to install. If Engineering Guide #16 was used as the basis for establishing an emission test frequency, a simple note referencing the Engineering Guide in the “Comments” section would be sufficient.

Also, if a “Y” is noted under “OR,” “Misc,” “St,” “ND,” or “ENF” an explanation of the requirements must be provided in the “Comments” section. In addition to a general explanation of the “OR,” “Misc,” “St,” “ND,” and/or “ENF” the following must be provided:

1. For an operational restriction, clarify if appropriate monitoring, record keeping, and reporting requirements have been specified for the operational restriction and indicate whether or not CAM is currently applicable.
2. If a control plan and schedule is included in the “Miscellaneous Requirements” section of the permit, provide an explanation in the “Comments” section of the violation, basis for the violation, and the company’s proposed control plan and schedule.
3. If the “ND” column above is marked, please identify the particular rule(s) that is (are) not applicable to the specified emissions unit.
4. If the “ENF” column above is marked, please provide a brief explanation of the noncompliance issue(s) which prompted the use of the specified monitoring requirement.

An explanation is not required if an “N” is noted in the “OR,” “Misc,” “St,” “ND,” or “ENF” columns.