



**FACILITY PERMIT TO OPERATE
CONOCOPHILLIPS COMPANY**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 16 : PETROLEUM, MISCELLANEOUS					
System 1 : AMMONIA (AQUEOUS) TRANSFER & STORAGE SYSTEM					
STORAGE TANK, PRESSURIZED (35 PSIG), 80-F-218, SERVING SCR OF H2 PLANT U118 & SCR OF U90, AQUEOUS AMMONIA, WITH TRUCK LOADING STATION, VAPOR RETURN SYSTEM & TRANSFER PUMPS, VENTED TO VAPOR RECOVERY SYSTEM, WITH TWO PRESSURE RELIEF VALVES WITH RUPTURE DISK SET AT 30 PSIG, 16240 GALS; DIAMETER: 10 FT 6 IN; LENGTH 25 FT AN: 511899 Permit to Construct Issued: TBD	D701				E144.1, K67.6
DRUM, SURGE, 80-F-222, AQUEOUS AMMONIA, VENTED TO VAPOR RECOVERY SYSTEM, WITH ONE PRESSURE RELIEF VALVE WITH RUPTURE DISK SET AT 190 PSIG, DIAMETER: 1 FT .75 IN HEIGHT: 6 FT					
Process 17 : AIR POLLUTION CONTROL (FLARES)					
System 7 : VAPOR RECOVERY SYSTEM (SOUTH)					
COMPRESSOR, GB-152, WITH 400-HP, MOTOR A/N: 511896	D733				S13.6, S13.13, S15.16, S18.2, 18.10
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 511896 Permit to Construct Issued: TBD	D1826				

- * (1)(1A)(1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5)(5A)(5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2)(2A)(2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8)(8A)(8B) Denotes 40 CFR limits (e.g. NSPS, NESHAPS, etc.)
- (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator



**FACILITY PERMIT TO OPERATE
CONOCOPHILLIPS COMPANY**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S13.6 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1123

[RULE 1123, 12-7-1990]

[Systems subject to this condition : Process 1, System 2; Process 2, System 1 , 2 , 3 , 4 , 5; Process 3, System 1 , 3; Process 4, System 1 , 2; Process 5, System 1; Process 6, System 1; Process 8, System 1; Process 9, System 3 , 4 , 5 , 6; Process 10, System 1 , 2 , 4 , 5; Process 17, System 6 , 7; Process 18, System 1 , 2]

S13.13 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007]

[Systems subject to this condition: Process 17, System 7]

S15.16 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases shall be directed to the blowdown flare system.

This process/system shall not be operated unless the above air pollution control equipment is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 9, System 3 , 4 , 5 , 6; Process 10, System 1 , 2 , 4 , 5; Process 17, System 6 , 7]



FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE
The operator shall comply with the terms and conditions set forth below:

S18.2 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

FCCU (Process: 1, System: 1 & 2)
Hydrotreating (Process: 2, System: 1, 2, 3, 4 & 5)
Catalytic Reforming (Process: 3, System: 1 & 3)
Hydrogen Production (Process: 4, System: 1 & 2)
Hydrocracking (Process: 5, System: 1)
Alkylation (Process: 6, System: 1)
Blending (Process: 8, System: 1 & 2)
Butane Loading/Unloading (Process: 11, System: 1)
Butane Storage Tanks (Process: 13, System: 6)
Isomerization (Process: 18, System: 1 & 2)
Ammonia (Aqueous) Transfer & Storage System [*only Device D701*] (Process 16, System 9)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 17, System 1 , 2 , 5 , 6 , 7]

S18.10 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Butane Loading/Unloading (Process: 11, System: 1)
Pressurized Storage Tanks (Process: 13, System: 4 & 6)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 17, System 6 , 7]



FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE
The operator shall comply with the terms and conditions set forth below:

DEVICE CONDITIONS

E. Equipment Operation/Construction Requirements

E144.1 The operator shall vent this equipment, during filling, only to the vessel from which it is being filled.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D701, D825]

K. Record Keeping/Reporting

K67.6 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Daily inspections and maintenance of all the valves at this equipment

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D701, D1778]