

STANDARD BACT PERMIT CONDITION

Standard BACT Condition

BACT. The permittee shall apply emission control technology and plant design measures that represent Best Available Control Technology ("BACT") to the operation of the equipment/facilities as described in this permit and the APCD's *Engineering Evaluation* for this permit. Table X and permit condition Nos. YY, ZZ and XX define the specific control technology and performance standard emission limits for BACT. The BACT shall be in place, and shall be operational at all times, for the life of the project. BACT related monitoring, recordkeeping and reporting requirements are defined in permit condition Nos. ZZ, YY and XX.

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TABLE X - ATC/PTO YYYY
BEST AVAILABLE CONTROL TECHNOLOGY

Emission Unit/Process

Control Technology

Pollutant Emission Limit/Performance Standard

Normal Operations:

Non-Standard Operations:

Notes:

- (a)
 - (b)
 - (c)
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EXAMPLE

TABLE 9.1 - ATC 1234
BEST AVAILABLE CONTROL TECHNOLOGY

<u>Emission Unit/Process</u>	<u>Control Technology</u>	<u>Pollutant Emission Limit/Performance Standard</u>	
No. 1 NG Boiler (20 MMBtu/hr)	Low-NOx Burner, Good Combustion Practice	NOx	20 ppmvd at 3% O ₂
		CO	50 ppmvd at 3% O ₂
		SOx	PUC Quality Natural Gas (85 ppmv total sulfur, 4 ppmv H ₂ S)
No. 2 NG Boiler (20 MMBtu/hr)	Low-NOx Burner, Good Combustion Practice	NOx	20 ppmvd at 3% O ₂
		CO	50 ppmvd at 3% O ₂
		SOx	PUC Quality Natural Gas (80 ppmv total sulfur, 4 ppmv H ₂ S)

Notes:

- (a) PUC Quality Natural Gas as defined in PUC General Order 58-A.
 - (b) Total sulfur measured as H₂S.
 - (c) Good combustion practice includes, at a minimum, tuning of the boiler at least once per calendar year.
 - (d) BACT limits apply to all operating ranges, except non-standard operations (startup and shutdown) - See Table 9.2 these BACT requirements.
 - (e) See Permit Conditions for BACT monitoring, recordkeeping and reporting requirements.
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