

AUTHORIZATION TO OPERATE (ATO)

**UNDER PDEQ CLASS II/III GENERAL AIR QUALITY PERMIT 6205
For
FUEL BURNING EQUIPMENT (BOILERS, HEATERS, & GENERATORS)**



I. FACILITY INFORMATION:

Business Name: IBM Corporation
 Facility Name: IBM Corporation
 Source Location: 9000 S Rita Rd, Tucson, AZ 85744

Permitted Emissions Limits:

Conventional or Criteria Air Pollutant (tons/year)								HAP(s) (tons/year)
PM _{2.5}	PM ₁₀	PM	NO _x	VOC	CO	SO ₂	Lead	Total
< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 0.6	< 10

II. AUTHORIZED EQUIPMENT:

Equipment, operations, and activities for which emissions are allowed by the general permit are as follows:

Section 4A of the Permit – Non-NSPS/Non-NESHAP ICE (Emergency Designated Engines):

Equip. No.	Description/ Location	MFR/ Model	Serial Number/ Unique ID	Maximum Rated Capacity	Date of MFR	Date Installed	Limitation ¹	Allowable Fuels
1007-002	Generator	Caterpillar/3306PC	66D37053	227 hp	1/1/1981	-	100 hours	Diesel
1007-003	Generator	Cummins/NT855G5	11379513	390 hp	1/1/1987	-	100 hours	Diesel
1007-004	Generator	Cummins/NT855G5	30111572	355 hp	1/1/1980	-	100 hours	Diesel
1007-005	Generator	Allis-Chalmers/3500MKII	3D-61139	162 hp	1/1/1978	-	100 hours	Diesel

¹ The run hours are limited to maintenance testing and readiness checks. There is no limit on hours of operation during true emergencies. Permittee may also demonstrate compliance with the operational limitation by limiting the amount of fuel fired in the unit.

Rupesh Patel, Air Permit Manager, PDEQ

ATO #1007	
Issued Date:	March 13, 2018
Effective Date:	March 27, 2018
Expiration Date:	January 4, 2022

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Section 4C – NSPS for CI ICE (Emergency Designated Engines):

Equip. No.	Description/ Location	MFR/ Model	Serial Number/ Unique ID	Maximum Rated Capacity	Date of MFR	Date Installed	Run Hour Limitation ¹	Allowable Fuels
1007-001	Generator	Caterpillar/C9D1TA	C9E022833	398 hp	1/1/2010	-	100	Diesel

¹. The run hours are limited to maintenance testing and readiness checks and non-emergency operation in accordance with the federal requirements. There is no limit on hours of operation during true emergencies.

Section 4C – Supplemental Requirements:

Equip. No.	Applicable NSPS Emission Standard	NO _x g/hp-hr	NMHC g/hp-hr	NMHC+NO _x g/hp-hr	CO g/hp-hr	PM g/hp-hr	Certified Emission Life (term, date)
1007-001	Model Year 2007 and Later Emergency	-	-	3.0	2.6	0.15	8,000 hours or 10 years, whichever comes first.

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