

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: International Business Machines Corporation as Managing Operator for Campus Research Corporation
 Facility Name: The "Project" at the University of Arizona Science Technology Park
 Source Location: 9012/9014/9018 S Rita Rd, Tucson, AZ 85747

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
260-002	Generator	Komatsu-Onan/53256/B860799369	L140772195	168 hp	1/1/1978	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 #260	
Issued Date:	February 9, 2018
Effective Date:	February 20, 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
260-001	Generator	Cummins/DSFAE-1421054	L140772195	107 hp	12/3/2014	12/2014	100	Diesel
260-003	Fire Pump	John Deere/JW6H-UFADFO	RG6090L128706	327 hp	12/2016	5/5/2017	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)
260-001	Model Year 2007 and Later Emergency	-	-	3.0	3.7	0.22	8,000 hours or 10 years, whichever comes first.
260-003	Model Year 2008 and Later Emergency Fire Pump Units	-	-	4.8	-	0.15	8,000 hours or 10 years, whichever comes first.

IV. OTHER APPLICABLE ATTACHMENTS:

Attachment 1 to the ATO – Fugitive Dust Requirements

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