

**AUTHORIZATION TO OPERATE (ATO)**

**UNDER PDEQ CLASS II GENERAL AIR QUALITY PERMIT 6205**

**For**

**FUEL BURNING EQUIPMENT (BOILERS, HEATERS, & GENERATORS)**



**I. FACILITY INFORMATION:**

Business Name: City of Tucson  
 Facility Name: Public Safety Training Academy  
 Source Location: 10001 S. Wilmot Road, Tucson, AZ 85706

**Permitted Emissions Limits, tons/year:**

Conventional or Criteria Air Pollutant								HAP(s)
PM <sub>2.5</sub>	PM <sub>10</sub>	PM	NO <sub>x</sub>	VOC	CO	SO <sub>2</sub>	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 <sup>1</sup>	Allowable Fuels
001	Generator (Water Tank Building)	John Deere/ 6068HF150D/158	PE6068H284041	250 hp	5/2003	6/30/2003	100 hours 1278 Gal. Fuel/yr	Diesel
002	Fire Pump Engine	Caterpillar/3208	03Z15061	270 hp	8/12/1996	Unknown	100 hours 1380 Gal. Fuel/yr	Diesel

<sup>1</sup> 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 # 6221	
Issue Date:	February 13, 2018
Effective Date:	February 13, 2018
Expiration Date:	January 4, 2022

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**PIMA COUNTY**

ENVIRONMENTAL QUALITY

**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 <sup>1</sup>	Allowable Fuels
003	Generator (PC WIN)	Cummins/QSB7-G5 NR3	73428157	324 hp	7/11/2012	6/11/2013	100 hours	Diesel

<sup>1</sup>. 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 <sub>x</sub> g/kw-hr (g/hp-hr)	NMHC g/kw-hr (g/hp-hr)	NMHC+NO <sub>x</sub> g/kw-hr (g/hp-hr)	CO g/kw-hr (g/hp-hr)	PM g/kw-hr (g/hp-hr)	Certified Emission Life (term, date)
003	Model Year 2007 and Later Emergency Units	--	--	3.0	2.6	0.15	8000 hours or 10 years, whichever comes first

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