

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: Sion Power
 Facility Name: Sion Power
 Source Location: 2900 E Elvira Rd, Tucson, AZ 85706

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 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
5001-001	Generator	Caterpillar/C 32	G5C03485	1352 hp	1/1/2009	-	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)
5001-001	Model Year 2007 and Later Emergency	-	-	4.8	2.6	0.15	8,000 hours or 10 years, whichever comes first.

Rupesh Patel, Air Permit Manager, PDEQ

ATO #5001	
Issued Date:	December 19, 2016
Effective Date:	January 5, 2017
Expiration Date:	January 4, 2022