

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: Banner University Medical Center South
 Facility Name: Banner University Medical Center South
 Source Location: 2800 E Ajo Way, Tucson, AZ 85713

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 3 of the Permit – Fossil Fuel Fired Industrial and Commercial Equipment

Equip.No.	Description/ Location	MFR/ Model	Serial Number/ Unique ID	Maximum Rated Capacity	Date of MFR	Date Installed	Allowable Fuels and Annual Limits		Applicability ¹	
							Natural Gas	Fuel Oil	NSPS Subpart Dc	NESHAP Subpart JJJJJ
							(MMcf, hours, CF)	(Gallons, hours, CF)		
641-005	Duel Fuel Boiler	Trane/PBA-H-3B-G-2	75/1109	12.6 MMBTU/Hr	1975	1975	Unlimited	Unlimited	NO	Gas Fired
641-006	Duel Fuel Boiler	Trane/PBA-H-3B-G-2	75/1110	12.6 MMBTU/Hr	1975	1975	Unlimited	Unlimited	NO	Gas Fired
641-007	Boiler	Parker/115	34213	4.83 MMBTU/Hr	1975	1975	Unlimited	NA	NO	NO
641-008	Water Heater	Rite/300 W	30888	3 MMBTU/Hr	02/2010	03/2020	Unlimited	NA	NO	NO
641-009	Water Heater	Rite/300 W	30889	3 MMBTU/Hr	02/2010	03/2020	Unlimited	NA	NO	NO

¹ The Permittee must submit a significant revision to revise the ATO and meet applicable NESHAP subpart JJJJJ work practices (tune-ups), notification, and reporting requirements for applicable boilers that switch to fuel oil use and become subject to Subpart JJJJJ in the oil firing subcategory as defined in 40 CFR 63.11237. The revision will be subject to a 5 day public comment period.

Rupesh Patel, Air Program Manager, PDEQ

ATO #641	
Issued Date:	March 10, 2020
Effective Date:	March 17, 2020
Expiration Date:	January 4, 2022

AUTHORIZATION TO OPERATE (ATO)

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



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
641-001	Generator	Cummins/DQFAD	E070061476	1490 HP	06/04/2007	12/2007-	100	Diesel
642-002	Generator	Cummins/DQFAD	E070061477	1490 HP	06/04/2007	12/2007--	100	Diesel
641-003	Generator	Cummins/DQFAD	D100114714-B	1490 HP	04/23/2010	08/10/2010-	100	Diesel
641-004	Generator	Cummins/DQFAD	D100114710-B	1490HP	04/23/2010	-08/10/2010	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)
641-001	Model Year 2007 and Later Emergency	-	-	4.8	2.6	0.15	8,000 hours or 10 years, whichever comes first.
642-002	Model Year 2007 and Later Emergency	-	-	4.8	2.6	0.15	8,000 hours or 10 years, whichever comes first.
641-003	Model Year 2007 and Later Emergency	-	-	4.8	2.6	0.15	8,000 hours or 10 years, whichever comes first.
641-004	Model Year 2007 and Later Emergency	-	-	4.8	2.6	0.15	8,000 hours or 10 years, whichever comes first.

Rupesh Patel, Air Program Manager, PDEQ

ATO #641	
Issued Date:	March 10, 2020
Effective Date:	March 17, 2020
Expiration Date:	January 4, 2022