

Pinal County Air Quality Control District

**AUTHORIZATION TO OPERATE (A.T.O.)
GENERAL PERMIT COVERAGE NUMBER GV11009.000**

Issued to: **Town of Superior
199 N. Lobb Avenue
Superior, Arizona 85173**

For: **Superior Transfer Station
101 S. Airport Road
Superior, Arizona**

Equipment: Pinal County A.T.O. Number: GV11009.001
Description: Air Curtain
Make: Air Burners
Model: S-116
Equipment ID No./Serial No.:
Date of Manufacture/Const.: 2016
Maximum Capacity: Manufacturer capacity 4 tons/hour
Limited to 35 tons / day by permit condition
Potential to Emit (PTE): 83.04 tons/year particulate matter (PM₁₀)
25.55 tons/year nitrogen oxides (NO_x)
14.18 tons/year carbon monoxide (CO)
0.64 tons/year sulfur dioxide (SO₂)
NSPS Source: NSPS Subpart EEEE

Pinal County A.T.O. Number: GV11009.002
Description: Generator
Make: Kubota
Model: V2403-TE
Equipment ID No./Serial No.:
Date of Manufacture/Const.: 2016
Maximum Capacity: 59 horsepower
Potential to Emit (PTE): 0.38 tons/year particulate matter (PM₁₀)
5.37 tons/year nitrogen oxides (NO_x)
1.16 tons/year carbon monoxide (CO)
0.36 tons/year sulfur dioxide (SO₂)
0.43 tons/year volatile organic compounds (VOC)
NSPS Source: NSPS Subpart IIII

Permit GV11009.000 Checklist

The following items are provided as an optional checklist for reviewing permit requirements. Additional details and requirements can be found in the permit.

- Have the ATO numbers been affixed to the units? (Page 6)
 Yes No
- Has the annual emission inventory questionnaire been completed by March 31st or 90 days after receiving the form, whichever occurs later? (Page 6)
 Yes No
- Has the annual compliance certification been submitted by September 30th? (Page 6)
 Yes No
- Have all submittals been sent to Pinal County Air Quality, P.O. Box 987, Florence, AZ 85132 and if applicable the U.S. Environmental Protection Agency? (Page 18)
 Yes No
- Have monthly opacity screens been conducted by a certified Method 9 observer on the air curtain? (Page 19)
 Yes No
- Have records of the hours of operation and material throughput been maintained? (Page 20)
 Yes No
- Were 35 tons or less of material burned each day? (Page 21)
 Yes No
- Were the materials burned only wood waste, clean lumber or yard waste, as defined in the permit? (Page 21)
 Yes No
- Was the air curtain only operated between dusk and dawn? (Page 22)
 Yes No
- Was the air curtain operated pursuant to the general operating requirements listed in the permit, including but not limited to: maintaining proper blower speed, operating the blower whenever material is burning, material must not extend above the air curtain, stop loading at least 2 hours prior to sunset, ensure no emissions are created overnight,

extinguish all materials removed from the incinerator, conduct visual inspections prior to burning, and do not burn oleanders? (Page 22)

Yes No

- Were all six minute average opacity readings at or below 10%, unless during startup? (Page 23)

Yes No

- Were all six minute average opacity reading at or below 35% during the startup period consisting of the first 30 minutes of operation? (Page 23)

Yes No

- Has an EPA Method 9 Opacity test been conducted within 180 days of issuance of coverage and annually thereafter? (Page 24))

Yes No

- Have monthly opacity screens been conducted by a certified Method 9 observer on fugitive dust sources? (Page 26)

Yes No

- Has a move notice been submitted to Pinal County Air Quality prior to moving the equipment to a new location? (Page 27)

Yes No

- Has all off-road machinery not exceeded 40% opacity for greater than 10 seconds? (Page 28)

Yes No

- Have records been maintained demonstrating the diesel fuel burned in the generator has a sulfur content below 15 ppm and a minimum centane index of 40 or a maximum aromatic content of 35%? (Page 31)

Yes No

- Has the air curtain been situated at least 500 feet from the nearest dwelling? (Page 41)

Yes No

- Has manufacturer test data been submitted to Pinal County Air Quality demonstrating compliance with the grain loading standard? (Page 41)

Yes No