Pinal County Air Quality Control District

AUTHORIZATION TO OPERATE (A.T.O.)
GENERAL PERMIT COVERAGE NUMBER GV11012.000

Issued to: City of Coolidge
1326 West Industrial Drive
Coolidge, Arizona 85128

For: City of Coolidge Water Reclamation Facility
1595 West Coolidge Avenue
Coolidge, Arizona 85128

Equipment:

Pinal County A.T.O. Number: GV11012.001
Description: Air Curtain Incinerator
Make: AirBurners
Model: FireBox S116
Equipment ID No./Serial No.: 2022
Date of Manufacture/Const.: Manufacturer capacity 2-4 ton/hour
Limited to 35 tons / day by permit condition
Potential to Emit (PTE): 83.04 tons/year particulate matter (PM\textsubscript{10})
25.55 tons/year nitrogen oxides (NOx)
14.18 tons/year carbon monoxide (CO)
0.64 tons/year sulfur dioxide (SO\textsubscript{2})
NSPS Source: NSPS Subpart EEEE

Pinal County A.T.O. Number: GV11012.002
Description: Non-emergency Built-In Generator
Make: HATZ
Model: 3H50TIC
Equipment ID No./Serial No.: 2022
Date of Manufacture/Const.: 49 horsepower
Maximum Capacity: 0.2 tons/year particulate matter (PM\textsubscript{10})
3.3 tons/year nitrogen oxides (NOx)
0.7 tons/year carbon monoxide (CO)
0.2 tons/year sulfur dioxide (SO\textsubscript{2})
0.3 tons/year volatile organic compounds (VOC)
NSPS Source: NSPS Subpart III
Permit GV11012.000 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 5)
  Yes______  No______

- Has the annual emission inventory questionnaire been completed by March 31st or 90 days after receiving the form, whichever occurs later? (Page 5)
  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 to the U.S. Environmental Protection Agency? (Page 17)
  Yes______  No______

- Have monthly opacity screens been conducted by a certified Method 9 observer on the air curtain? (Page 20)
  Yes______  No______

- Were 35 tons or less of material burned each day? (Page 24)
  Yes______  No______

- Were the materials burned only wood waste, clean lumber or yard waste, as defined in the permit? (Page 24)
  Yes______  No______

- Has the air curtain been situated at least 50 feet from the nearest dwelling? (Page 24)
  Yes______  No______

- Have records of the hours of operation and material throughput been maintained? (Page 20)
  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 25)
Yes______ No______

- Were all six minute average opacity readings at or below 10%, unless during startup? (Page 25)
  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 26)
  Yes______ No______

- Has an EPA Method 9 Opacity test been conducted within 180 days of issuance of coverage and annually thereafter? (Page 26)
  Yes______ No______

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

- Has manufacturer test data been submitted to Pinal County Air Quality demonstrating compliance with the grain loading standard? (Page 26)
  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 42)
  Yes______ No______

- Were the requirements for the non-emergency generator met as listed in Section §VI.B.2 of the General Permit? (Page 42)
  Yes______ No______
Annual Emission Inventory Report

Permit GV11012.000
(Due March 31st of each year)

Abstract
This constitutes an annual report, documenting emissions and use of emission-generating materials during the subject reporting period.

Facility -
Mailing:
City of Coolidge
1326 West Industrial Drive
Coolidge, AZ 85128

Location:
City of Coolidge Water Reclamation Facility
1595 West Coolidge Avenue
Coolidge, AZ 85128

Reporting Period -
January-December  Year __________

Operational Report
Hours of operation for the generator:  _______________ hours
(in this 12 month reporting period)

Amount of material burned in the air curtain incinerator:  _______________ tons
(in this 12 month reporting period)

Certification by Responsible Official
I certify that, based on information and belief formed after reasonable inquiry, that the statements and information in this report are true, accurate and complete.

Signed ________________________________

Print Name ________________________________

Title ________________________________

Date ________________________________

Contact Phone Number ________________________________

Mail to: Pinal County Air Quality Control District
P.O. Box 987

(2/7/2022)  CITY OF COOLIDGE WATER RECLAMATION FACILITY - SADDLEBROOKE
Florence, AZ 85132, or

Email to: compliancereports@pinal.gov