



FUEL BURNING EQUIPMENT USED FOR INDIRECT HEATING ANNUAL EMISSION INVENTORY REPORT

NORTH DAKOTA DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF AIR QUALITY
SFN 8536 (9-2021)

GENERAL

Name of Firm or Organization		Permit to Operate Number	Year of Emissions	
Mailing Address		City	State	ZIP Code
Facility Name	Facility Location		Emission Unit Number	

EQUIPMENT INFORMATION

Manufacturer of Unit		Model Number	Max Heat Input (Btu/hr)	Gross Electricity Generated (MWh)*
Boiler Type: <input type="checkbox"/> Pulverized Tangential <input type="checkbox"/> Pulverized Wall Fired <input type="checkbox"/> Fluidized Bed <input type="checkbox"/> Cyclone <input type="checkbox"/> Stoker Type: _____ <input type="checkbox"/> Other: Specify: _____			Hours of Operation	Net Electricity Generated (MWh)*

*Electric utility only.

FUELS USED

	Primary Fuel	Standby Fuel	Other Fuel
Type (ex. Lignite coal, Subbituminous coal, RDF, Natural gas, LPG, No. 2 oil, No. 6 oil, etc.)			
Quantity of Fuel per Year (Specify Units: ex. ton, gal, cu.ft., etc.)			
Percent Ash (Coal Only)			
Average			
Percent Sulfur			
Average			
Btu per Unit (Specify lb, ton, gal, etc.)			
Average			
Percent Sodium in Coal Ash			
Average			

(The table below is used for single fuel combustion. Use the tables on the other side if multiple fuels are combusted and then summarize the total emissions per year in the "Tons" column below.)

TOTAL STACK EMISSIONS

Air Contaminant **	Emission Factor (Include Units)	Emission Factor Source (Include Test Date if Applicable)	Tons
Particulate – Total PM (Filterable)			
Particulate – PM ₁₀ (Filterable)			
Particulate – PM _{2.5} (Filterable)			
Particulate – CPM (Condensable)			
Sulfur Dioxide			
Nitrogen Oxides			
Carbon Monoxide			
Total Organic Compounds: Nonmethane			
Mercury***			
Ammonia***			

**Submit SFN 19839 for Hazardous Air Pollutants if applicable.

***Title V coal and oil-fired units only.

I declare under the penalties of perjury that this report has been examined by me and to the best of my knowledge is a true, correct and complete report.

Print Name of Person Submitting Report	Title	Telephone Number
Signature	Email Address	Date

Return completed form to:
North Dakota Department of Environmental Quality
Division of Air Quality
4201 Normandy Street, 2nd Floor
Bismarck, ND 58503-1324
(701)328-5188

STACK EMISSIONS		Primary Fuel (Type):		Quantity:
Air Contaminant **	Emission Factor (Include Units)	Emission Factor Source (Include Test Date if Applicable)	Tons	
Particulate – Total PM (Filterable)				
Particulate – PM ₁₀ (Filterable)				
Particulate – PM _{2.5} (Filterable)				
Particulate – CPM (Condensable)				
Sulfur Dioxide				
Nitrogen Oxides				
Carbon Monoxide				
Total Organic Compounds: Nonmethane				
Mercury***				
Ammonia***				

STACK EMISSIONS		Standby Fuel (Type):		Quantity:
Air Contaminant **	Emission Factor (Include Units)	Emission Factor Source (Include Test Date if Applicable)	Tons	
Particulate – Total PM (Filterable)				
Particulate – PM ₁₀ (Filterable)				
Particulate – PM _{2.5} (Filterable)				
Particulate – CPM (Condensable)				
Sulfur Dioxide				
Nitrogen Oxides				
Carbon Monoxide				
Total Organic Compounds: Nonmethane				
Mercury***				
Ammonia***				

STACK EMISSIONS		Other Fuel (Type):		Quantity:
Air Contaminant **	Emission Factor (Include Units)	Emission Factor Source (Include Test Date if Applicable)	Tons	
Particulate – Total (Filterable)				
Particulate – PM ₁₀ (Filterable)				
Particulate – PM _{2.5} (Filterable)				
Particulate – CPM Condensable)				
Sulfur Dioxide				
Nitrogen Oxides				
Carbon Monoxide				
Total Organic Compounds: Nonmethane				
Other				

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Use additional sheets if necessary to provide calculations for quantities listed above.