



PERMIT APPLICATION - MANUFACTURING OR PROCESSING EQUIPMENT
NORTH DAKOTA DEPARTMENT OF HEALTH
DIVISION OF AIR QUALITY
 SFN 8520 (05/11)

GENERAL - Equipment items operating as a functional unit may be grouped as one application

Name of Firm or Organization			Application Date	
Applicant's Name		Title	Phone	Email
Mailing Address (Street & No.)		City	State	Zip Code
Plant Location			Source ID No.	
Type of Unit or Process (rotary dryer, cupola furnace, crusher, pelletizer, etc.):				
Make		Model	Date Installed	
Capacity (manufacturer's or designer's guaranteed maximum)		Operating Capacity (Specific Units)		
Brief description of operation of unit or process:				

NORMAL OPERATING SCHEDULE

Hours per Day	Days per Week	Weeks per Year	Peak Production Season, if any	Dates of Annual Shutdown
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RAW MATERIALS INTRODUCED INTO UNIT OR PROCESS (Include solid fuels such as coke or coal - exclude indirect heat exchangers - Put that information on SFN8518)

Material	Hourly Process Weight Rate Pounds per Hour			Average Annual (Specify Units)	Intermittent Operation Only (Average Hours/Week)
	Average	Maximum	Design		

PRODUCTS OF UNIT OR PROCESS (Include all, even those not usable because they do not meet specifications)

Material	Hourly Process Weight Rate Pounds per Hour			Average Annual (Specify Units)	Intermittent Operation Only (Average Hours/Week)
	Average	Maximum	Design		

FUELS USED (Exclude heat supplied or indirect heat exchangers, list those on SFN8518)

Coal (Tons/Yr)	% Sulfur	% Ash	Oil (Gal/Yr)	% Sulfur	Grade No.
Natural Gas (Thousand CF/Yr)		LP Gas (Gal/Yr)		Other (Specify)	

EMISSION POINTS (List each point separately, number each and locate on attached flow chart)

Number	Stack Height (ft)	Stack Diameter (ft at top)	Gas Volume (ACFM)	Exit Temp (°F)	Gas Velocity (fps)

AIR CONTAMINANTS EMITTED - Known or Suspected Use same identification number as above

Number	Pollutant	Amount		Basis of Estimate
		Pounds/Hr	Tons/Yr	

ARE ANY VOLATILE ORGANIC COMPOUNDS STORED ON PREMISES NO YES - List Below

(See Rules 33-15, Section 33-15-01-04 for classes of compounds covered)

Material Stored	Size Tank (Gallons)	Vapor Control Device

ARE ANY ORGANIC SOLVENTS USED OR PRODUCED? NO (None or less than 50 gallons per year) YES - identify below

Type	Principal Use	Gallons/Yr Consumed	Gallons/Yr Produced

IS THERE ANY EMISSION CONTROL EQUIPMENT ON THIS UNIT OR PROCESS? NO YES - Attach form SFN 8532

Does the input material or product from this process contain finely divided material which could become airborne? <input type="checkbox"/> NO <input type="checkbox"/> YES		Describe storage methods used			
Storage Piles	Type of Material	Particle Diameter (Average Diameter or Screen Size)	Pile Size Average Tons	Pile Wetted (Yes or No)	Piles Covered (Yes or No)
Describe any fugitive dust problems:					

Attach additional sheets if needed to explain any answers. Use separate form for each process that emits contaminants.

Signature of Applicant	Date
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