



AIR QUALITY BUREAU
 ATTN: Application Log in
 7900 Hickman Rd., Suite 1
 Windsor Heights, IA 50324

EU
AIR CONSTRUCTION PERMIT APPLICATION

Form EU: Emission Unit Information
 Please see instruction on reverse side

Company Name:			
EMISSION UNIT (PROCESS) IDENTIFICATION & DESCRIPTION			
1) Emission Unit (EU) Name:			
2) EU ID Number:		EP ID Number:	
3) EU Type: <input type="checkbox"/> New Source <input type="checkbox"/> Unpermitted Existing Source <input type="checkbox"/> Modification to a Permitted Source Previous Permit # is:			
4) Manufacturer:			
5) Model:			
6a) Maximum Nameplate Capacity:			
6b) Maximum Process Design Capacity (if different than 6a)			
7) Date of Construction:			
8) Date of Modification (if applicable)			
9) Is this a Controlled Emission Unit? <input type="checkbox"/> No <input type="checkbox"/> Yes		If Yes, Control Equipment name/ID are:	
EMISSION UNIT OPERATING SCHEDULE (hours/day, hours/year, or other)			
10) Actual Operation			
11) Maximum Operation			
REQUESTED LIMITS			
12) Are you requesting any permit limits? <input type="checkbox"/> No <input type="checkbox"/> Yes If Yes, check below and write down all that apply			
<input type="checkbox"/> Operation Hour Limits:			
<input type="checkbox"/> Production Limits:			
<input type="checkbox"/> Material Usage Limits			
<input type="checkbox"/> Limits Based on Stack Testing		Please attach all relevant stack testing summary reports	
<input type="checkbox"/> Other:			
Rationale for Requesting the Limit(s):			
PROCESS DESCRIPTION			
13) Provide a description AND a drawing to show quantitatively how product or material flows through this emission unit. Include product input and output, fuel throughput, and any parameters which impact air emissions. If space below is insufficient, attach a separate sheet labeled EU-11A.			

Instructions for Form EU

This form provides the DNR with information about the emission unit, including a written description of how the product and/or material flows through the emission unit. An emission unit is the equipment or process that generates emissions of regulated air pollutants. This form is used by the review engineer to become familiar with the emission unit.

Please put your company name in the box provided. This is useful if any pages of the application are separated.

1. Provide the name of the emission unit, such as "dip tank," "boiler," etc.
2. Provide the identification number of the emission unit and the emission point associated with this emission unit. **The ID number should match ID numbers used on other construction permit applications and within this application.** It can be any number. However, if you submitted an operating permit application, the numbers used for identification purposes in this application should be consistent with the ID numbers used in your operating permit application. If multiple emission units are involved in this application and are identical, fill out one EU form and list the ID number, date of construction and modification (if applicable) on attachment EU-2A for each identical unit. For non-identical equipment, separate EU forms are required for each emission unit.
3. Mark the type of emission unit, such as a new source to be constructed, an unpermitted existing source (as-built) applying for a permit for the first time, or a permitted source to be modified. If the emission unit / point is being modified indicate on the form the most recent permit number for the emission point.
4. Provide the manufacturer's name of the emission unit. If the unit is custom-designed or homemade, indicate so.
5. Provide the model number of the emission unit. If the unit is custom-designed or homemade, indicate so.
- 6a. Provide the maximum capacity of the emission unit. For example, a bake oven capacity may be in MMBTU/hr in terms of heat input of natural gas; an assembly line capacity may be in parts produced per day. Capacity should be based on a rated nameplate or manufacturer's literature capacity.
- 6b. Provide the maximum process design of the emission unit. If there are multiple components or operational considerations, list the maximum capacity that the process can achieve.
7. The date of construction is the month, day, and year in which construction or modification was commenced.
Definitions:

Construction means fabrication, erection, or installation of an affected facility.

Commenced means that an owner or operator has undertaken a continuous program of construction or modification or that an owner or operator has entered into a contractual obligation to undertake and complete, within a reasonable time, a continuous program of construction or modification.

Modification means any physical change in, or change in the method of operation of, an existing facility which increases the amount of any air pollutant (to which a standard applies) emitted into the atmosphere by that facility or which results in the emission of any air pollutant (to which a standard applies) into the atmosphere not previously emitted.
8. If the emission unit has been or will be modified, give the month, day, and year of the future modification as defined in Chapter 20 of the Iowa Air Quality Rules.
9. Indicate if control equipment is applied to this emission unit. If "Yes," provide the control equipment name and ID number. The name and ID number should be consistent with form CS and throughout the application.
10. Provide the projected actual operating schedule for the emission unit in hours/day, hours/year or other.
11. Provide the maximum operating schedule for the emission unit in hours/day, hours/year or other.
12. If you wish to have permit limits placed on the emission unit, mark "Yes." Then, check each type of limit that applies to this emission unit and write down the requested limit. For example, production limits may be in terms of parts produced per year, material usage limits may be in gallons per day. If requesting a permit limit(s), indicate the rationale for the requested limit. This helps the DNR and the applicant determine whether the limits are necessary, and if they will accomplish the desired purpose.
13. The process description should include what raw materials or products enter and exit the emission unit, how they flow through the emission unit, any fuel usage which occurs at the emission unit, and any other material or product which flows into and out of the emission unit. A blueprint is acceptable if it includes all process information requested.