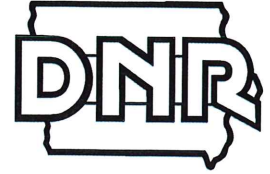


IOWA DEPARTMENT OF NATURAL RESOURCES
 REQUEST FOR SPECIAL WASTE
 AUTHORIZATION



Check one of the following: New Application Renewal, Existing SWA #: #08-SWA-57-20

The intent of a special waste authorization is to provide safe and proper management for disposal of wastes which present a threat to human health or the environment or a waste with inherent properties which make the disposal of the waste in a sanitary landfill difficult to manage. It is each landfill's responsibility to inform the waste generator if a waste should be handled as a special waste and to ensure that special wastes delivered to the landfill conform to the Special Waste Acceptance Criteria (SWAC) on file with the Department. It is the Department's responsibility to review each application for a special waste authorization to verify that the proposed waste can be landfilled under the current regulations in Iowa.

READ THE FOLLOWING INSTRUCTIONS BEFORE COMPLETING THIS APPLICATION

Waste Generator:

1. Complete Sections 1-3 of this application applicable to the waste characterization and disposal information.
2. Attach Toxicity Characteristic Leaching Procedure (TCLP) test results, material safety data sheet(s) (MSDS), or evidence of "processor knowledge" when appropriate that demonstrates the waste is not considered a characteristic hazardous waste exhibiting the properties of flammability, corrosivity, reactivity or toxicity or a listed hazardous waste as defined in 40 CFR Part 261, Subpart D.
3. Provide signature in Section 3 to verify that the information provided is true, accurate and complete.
4. Mail or deliver (2) copies of the completed application with attachments to the requested disposal destination (*must be a landfill that is authorized to accept waste from the service area of where the waste was generated*). Please contact Sue Johnson at (515) 725-8317 for a list of landfills authorized to accept waste from the service area in which your facility is located.

Receiving Landfill:

Prior review of this application by the receiving landfill allows the department to more quickly process and evaluate the application.

1. Complete Section 5 of this application applicable to the landfill.
2. Indicate by signing the application that the landfill is willing to accept the waste if a Special Waste Authorization is issued by the department and if instructions for disposal of the waste, as contained in the landfill's SWAC, are followed by the generator.
3. Attach SWAC procedures for disposal of the waste.
4. Keep 1 copy for your records and submit the remaining one copy of the completed application with attachments (TCLP, MSDS, SWAC, etc.) to the department at the following address:

Iowa Department of Natural Resources
 Land Quality Bureau- Attn: Susan Johnson
 502 East 9th Street
 Des Moines, IA 50319-0034

Applications will be considered incomplete if not signed by both the waste generator and receiving landfill. The receiving landfill must attach a copy of the SWAC for the particular waste for which the application has been submitted.

Written notification of approval or rejection will be mailed or faxed to the generator and landfill. If approved, a copy of the authorization must accompany the waste hauler to the landfill.

For questions concerning this application contact Sue Johnson at (515) 725-8317 or susan.johnson@dnr.iowa.gov

SECTION 1: WASTE GENERATOR INFORMATION

Name of Primary Contact* Jeff Mann Title Sr EHS engineer
 *SWA approvals will be sent to this person at the address provided below.
 Company Name Danfoss Power Solutions (US) Company
 Mailing Address 2800 E 13th St
 City Ames State IA Zip Code 50010
 Telephone # 515-509-4222 Fax # _____

Address or location of the point of generation of the waste, if different from the company address:
 Address _____
 City _____ State _____ Zip Code _____

SECTION 2: WASTE CHARACTERIZATION

Waste determined to be hazardous may not be landfilled in Iowa. Attach TCLP analysis that demonstrates the waste is not considered hazardous. For raw or virgin materials being disposed of, a MSDS that indicates the waste is not hazardous may be submitted in lieu of a TCLP analysis.

The generator may also apply knowledge of the hazardous characteristic(s) of the waste in light of the materials or the processes used ("knowledge of process"). In order to use knowledge to characterize the waste, the knowledge that is applied must be valid and verifiable and the generator must be able to demonstrate the basis for their claim by providing supporting information to justify that conclusion.

Name and description of waste:
Used waterjet garnet

Has any pretreatment been utilized? If so, please describe the pretreatment process:
No

List the alternatives to disposal that were analyzed and reason not utilized (*attach extra sheets if necessary*):
The material has no heat value and would not be accepted at Ames resource recovery. Additionally there is not sufficient metals available for recycling

Physical state at room temperature? <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Semi-Solid <input type="checkbox"/> Liquid	Percent (%) Solid: 89	pH: 8.3	Flashpoint: NA
Does this waste pass the paint filter liquids test? Free liquids are prohibited from landfill disposal. Free liquids are defined as the liquid produced when a 100-millimeter or 100-gram representative sample is placed on a standard mesh number 60 (fine mesh size) conical paint filter for five minutes.			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Is this waste a listed hazardous waste as identified in 40 CFR 261, Subpart D? Refer to the following web link to find listed hazardous wastes: http://www.gpoaccess.gov/cfr/index.html			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SECTION 2: WASTE CHARACTERIZATION (Continued)

Does this waste exhibit the property of <i>ignitability</i> as defined in 40 CFR 261, Subpart C?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does this waste exhibit the property of <i>corrosivity</i> as defined in 40 CFR 261, Subpart C?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does this waste exhibit the property of <i>reactivity</i> as defined in 40 CFR 261, Subpart C?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does this waste exhibit the property of <i>toxicity</i> as defined in 40 CFR 261, Subpart C?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SECTION 3: WASTE DISPOSAL INFORMATION

Indicate the proposed disposal location and if this is a request for an on going disposal of a special waste or a one-time disposal. If on going, indicate the approximate amount in pounds to be disposed of quarterly.

Landfill Name* Boone County

**List only a landfill that is authorized to accept waste from the service area of where the waste was generated. Sue Johnson at (515) 725-8317 or susan.johnson@dnr.iowa.gov for a list of landfills authorized to accept waste from your facility.*

On going (or intermittent) with an average disposal rate per quarter of 3000 pounds

Indicate the amount on hand to be disposed of immediately: _____ pounds

One time only, with an estimated quantity of _____ pounds

SECTION 4: WASTE GENERATOR CERTIFICATION

"I certify under penalty of law (§455B.417.1(c), Code of Iowa) that I have examined and am familiar with the information submitted in this document concerning hazardous waste, and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete."

Applicant Signature: _____ Date: 4/4/2023

Printed Name: Jeff Mann Title: Sr EHS Engineer

SECTION 5: LANDFILL INFORMATION

The following section is to be completed by the receiving landfill. By signing below, the landfill verifies that the application has been examined and if approved by the department, is willing to accept the waste described within, provided that instructions for disposal of the waste, as contained in the landfill's Special Waste Acceptance Criteria, are followed by the generator.

Prior review of this application by the receiving landfill will allow the department to more quickly process and evaluate the application. Please address the following:

Indicate the properties that lead you to believe this is a special waste:

Indicate any special handling procedures that the waste generator must follow prior to delivery at the landfill:

Name of Responsible Official*: _____

**SWA approvals will be sent to this person at the address given below.*

Solid Waste Agency Name _____

Mailing Address _____

City _____ State _____ Zip Code _____

Telephone # _____ Fax # _____

Responsible Official Signature: _____ Date: _____



February 11, 2020

To: DANFOSS POWER SOLUTIONS
JEFF MANN
2800 EAST 13TH STREET
AMES, IA 50010

JOHN ROOSA
BOONE COUNTY LANDFILL
1268 224TH LANE
BOONE, IA 50036

Re: *New Special Waste Authorization #08-SWA-57-20*

The following special waste authorization (SWA) applies ONLY to the waste generator addressed above. This authorization allows the waste generator to dispose of the special waste referenced in accordance with the instructions, conditions and limitations contained in this SWA. A copy of this SWA must accompany the hauler to the landfill. The waste generator shall notify the department and landfill, prior to disposal, of any change in the characteristics of the special waste being disposed.

The issuance of an SWA does not obligate any waste disposal facility to accept the waste nor does it preclude the facility from imposing restrictions other than those listed in the SWA. The landfill has the final decision whether to accept the special waste. The issuance of an SWA does not exempt the waste generator from any local, state or federal laws or regulations. The department may revoke an SWA for cause at any time.

WASTE & VOLUME: Quarterly disposal of approximately 3,000 lbs. used waterjet gamet.

GENERATOR: Danfoss Power Solutions
Jeff Mann, Sr. EHS Manager – 515.239.6000

ISSUE DATE: February 11, 2020

EXPIRATION DATE: February 11, 2023

DISPOSAL SITE: Boone County Landfill (08-SDP-01-75)

SWA CONTACT: John Roosa, 515.433.0591

Authorized by:

Iowa Department of Natural Resources

If you have questions regarding this authorization, please contact Susan Johnson at 515/725-8317.

cc: Iowa DNR Field Office #5, Des Moines, IA