



Facility Fact Sheet

Proposed Johnson Controls Florence Recycling Center Florence, Florence County, South Carolina

Draft Hazardous Waste Permit
Facility ID# SCR 000 771 451

The South Carolina Department of Health and Environmental Control (DHEC) has written a Draft Hazardous Waste Permit for the proposed Johnson Controls Florence Recycling Center (JCI), in Florence, South Carolina.

The draft permit has been written to comply with the South Carolina Hazardous Waste Management Regulations and the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments.

This fact sheet explains DHEC's hazardous waste permitting process and the conditions of the draft permit.

DHEC will hold an informal public meeting and formal hearing to discuss the draft permit with interested citizens. At the conclusion of the public meeting, a formal public hearing will be held for interested citizens to submit oral and written comments on the record. The public meeting and hearing is scheduled for August 31, 2010, at 6:30 p.m. For more information, please refer to Section VI.

I. Hazardous Waste Permitting Process

DHEC regulates hazardous waste activities at permitted facilities in South Carolina.

The permitting process gives DHEC and other government agencies the opportunity to evaluate the ability of a facility to comply with state and federal regulations.

After the hazardous waste permit application is received and determined to be complete, DHEC

writes a draft permit containing all conditions that the facility must meet.

Interested citizens are given sixty (60) days to review and comment on the facility's application and the draft permit before DHEC makes a final decision on the draft permit.

DHEC encourages all interested persons to participate in our permitting process.

II. Facility Description

The proposed JCI facility will store incoming spent lead-acid batteries prior to producing several products: lead ingots (to produce new lead-acid batteries), sodium sulfate crystals (to be sold for use in detergent and other products), and polypropylene (to produce new battery casings).

The batteries will be stored in a warehouse at the JCI facility. The warehouse will be constructed to prevent the release of hazardous constituents to the environment. The concrete floor of the warehouse will be sealed with an epoxy coating and the entire warehouse will be built over a High Density Polyethylene (HDPE) liner.

The hazardous waste permit does not regulate the recycling process or other non-hazardous waste activities at the facility.

III. Facility's Hazardous Waste Permit History

The proposed Johnson Controls Florence Recycling Center will be a new facility and has not previously applied for or received a hazardous waste permit.

The initial application for a hazardous waste permit was submitted to DHEC on December 21, 2009. The application was revised and re-submitted on June 9, 2010.

IV. Draft Permit Requirements

The draft permit contains conditions for the following:

1. **The design and operations of a permitted storage area.**
2. **The operations for storage of hazardous waste in containers.**

3. **Procedures for investigation and remediation of environmental impacts, if necessary.**

V. Public Participation

The application and draft permit is available for public review and comment from **July 26, 2010 through September 24, 2010**.

DHEC placed a public notice in The State newspaper on July 26, 2010, announcing the beginning of the public comment period.

Written comments must be submitted no later than September 24, 2010, and should be addressed to Mr. Richard Haynes at the following address:

SC DHEC
Bureau of Land and Waste Management
2600 Bull Street
Columbia, SC 29201
Phone: (803) 896-4070
E-Mail: haynesra@dhec.sc.gov

The draft permit, permit application and other related information, also known as the Administrative Record, are available for review through **September 24, 2010**, at the following location:

SC DHEC
Bureau of Land and Waste Management
Stern Building, Suite 102
8911 Farrow Road
Columbia, SC 29203

This fact sheet, the public notice, the permit application and a facility location map may be viewed on DHEC's Website at <http://www.scdhec.gov/jci>.

VI. Public Meeting/Hearing

DHEC is holding an **informal public meeting** to discuss the draft permit with interested citizens. The meeting is scheduled for **Tuesday, August 31, 2010, at 6:30 p.m.** The meeting will be held at:

**Francis Marion University
Lowrimore Auditorium
Cauthen Media Center
Francis Marion Drive
Florence, South Carolina**

**Street Address:
4822 East Palmetto Street
Florence, SC 29506**

At the conclusion of the public meeting, a **formal public hearing** will be held for interested citizens to submit oral and written comments on the record. A hearing officer designated by DHEC will conduct the hearing. DHEC values each participant's involvement in the public hearing and will conduct it in a respectful, orderly manner with reasonable limits on the length of oral comments, if necessary.

Any individuals with disabilities or special needs who wish to participate in the meeting or review the Administrative Record should contact Ms. Norma West at (803) 896-4056 at least one week in advance to discuss any special aids or services needed.

Anyone who would like to be placed on the facility mailing list to receive notification of future public meetings or notices by DHEC's Division of Waste Management should submit a written request to the attention of Ms. Norma West at:

SC DHEC
Bureau of Land and Waste Management
2600 Bull Street
Columbia, SC 29201
E-Mail: westnj@dhec.sc.gov

VII. Procedure for Reaching a Final Permit Decision

All written comments received by **September 24, 2010**, will be considered before a final decision is made on the draft permit.

Once DHEC makes its final decision, notification will be provided to:

- The facility;
- Each person who submitted written comments; and
- Anyone who has requested to receive notice of the final decision.

Any affected person who wishes to appeal a DHEC final decision may do so by filing a written request for final review with DHEC's Clerk of the Board within fifteen (15) days after notice of the decision has been mailed.

Additional information regarding appeal procedures is available from DHEC's Clerk of the Board at the above DHEC address or by calling (803) 898-3309.

VIII. Brief Summary of the Draft Hazardous Waste Permit Conditions

The draft hazardous waste permit is divided into modules. Each module and a brief explanation of the permit conditions are listed in the table below. The regulation that governs the condition(s) is also listed.

Module I	General Permit Conditions	This section defines and contains standard administrative conditions that apply to all hazardous waste management facilities. <i>(R.61-79.270.30)</i>
Module II	General Facility Conditions	Conditions apply to all facilities that treat, store or dispose of hazardous waste. <i>(R.61-79.264)</i>
Module III	Containers	Conditions apply to the use and management of containers for storage at the facility. It also contains general information regarding the design, operation, and maintenance of the storage area of the facility, along with schedules and required documents that must be maintained by the facility. <i>(R.61-79.264.170)</i>
Module IV	Corrective Action for Solid Waste Management Units & Areas of Concern	<p>This section requires the facility to implement corrective action measures, when necessary. <i>(R.61-79.264)</i></p> <p>The objective of the corrective action program at a hazardous waste management facility is to evaluate the nature and extent of releases of hazardous waste and/or constituents and, if necessary, to put corrective measures in place that will protect human health and the environment.</p>
Module V	Waste Minimization	<p>Conditions require that the facility has a program in place to reduce the volume and toxicity of hazardous waste generated and that the treatment, storage or disposal method minimizes present and future threat to human health and the environment.</p> <p><i>These conditions are governed by Section 44-56-170(A) of the 1976 South Carolina Code of Laws, as amended.</i></p>
Module VI	Land Disposal Restrictions	Conditions ensure that restricted waste is not disposed of in a land-based unit or otherwise managed unless certain requirements are met. <i>(R.61-79.268)</i>

Additional information can be found in the draft permit and the facility's permit application.