

**HAZARDOUS WASTE SECTION - COMPLIANCE BRANCH  
FILE TRANSMITTAL & DATA ENTRY FORM**

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**Facility ID Number:** NCR000008003

**Facility Name:** GENERAL INDUSTRIES INC.

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**County (if not on report):** WAYNE

STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
DIVISION OF WASTE MANAGEMENT  
HAZARDOUS WASTE SECTION

**COMPLIANCE EVALUATION INSPECTION REPORT**

**FACILITY INFORMATION:**

Facility Name: **GENERAL INDUSTRIES INC.**

EPA ID Number: **NCR000008003**

Type of Facility: Small Quantity Generator (SQG)  
Operating as Conditionally Exempt SQG

Facility Location/  
Mailing Address: 3048 Thoroughfare Road, Goldsboro, NC 27534  
Wayne County

Telephone Number: 919-751-1791

Property Owner: Norman Dev Corp. & Helen W. Wiggins  
Property Owner Address: PO Box 1279, Goldsboro NC 27533

Legal Owner of Business: John T. Wiggins

**FACILITY CONTACT:** Mr. Jeff Merritt, Quality Assurance and Safety Manager  
Phone Number: 919-751-1791 -office- 919-920-7701 -mobile-  
Email Address: jeff@gitank.com

**PARTICIPANTS:**

Representing General Industries: Jeff Merritt  
Representing NCDENR: William Hunneke

**DATE OF SITE VISIT:** **December 18, 2015** onsite: 1340 hrs. offsite: 1540 hrs.

**PURPOSE OF SITE VISIT:**

Compliance evaluation inspection to determine compliance with regulations described at 40 CFR 261, 262, 265, 268, 273 and 279. According to records, the facility has not had a compliance inspection since February 19, 1999. That inspection was a Schedule Compliance Inspection (CSE) due to a Compliance Evaluation Inspection on January 8, 1999 which resulted in a notice of violation. A compliance assistance evaluation inspection was performed for the facility on July 21, 2015.

**FACILITY DESCRIPTION:**

General industries is a manufacturer of above and below ground steel and fiberglass tanks ranging in size from several hundred gallons to tens of thousands of gallons designed to store a variety of substances including chemicals, petroleum products, and water. Other products include process tanks and mixing vessels, oil water separators, and pressure vessels. Site activities primarily include metal fabrication from rolled steel, welding, painting, fiberglass manufacture, and coating of numerous types. Most if not all of the facilities' product output is make-to-order. The facility has notified as a small quantity generator of hazardous waste (SQG) though it appears that the facility is operating as a conditionally exempt SQG (CESQG). The nearly thirty-six acre parcel on which the site is located in Goldsboro, North Carolina is approximately ½ mile north of Walnut Creek which flows into Lake Wackena before it again becomes a

tributary of the Neuse River. Two adjacent woodland parcels to the north are owned by the same concern that owns the subject site and are seventy-three and one hundred and forty-four acres respectively. There is one non-potable well on the subject site used for process water. The site imports drinking water and is on a septic sewage system. Four main structures populate the site. The largest, the Main Fabrication Building is approximately 100,000 square feet. The Coating Shop is approximately 6,000 square feet, the Perm Shop is less than 2,000 square feet, and there is a small office complex of trailer type building totaling less than 2,000 square feet. Twenty-five fabrication and maintenance personnel plus ten office staff work at the facility which currently operates one shift. The distance to the nearest offsite well is unknown and the distance to the nearest residence is approximately one quarter mile.

#### **WASTE STREAMS INCLUDE:**

Activities that generate hazardous waste at the site largely include painting and coating and a small amount from metal fabrication. Due to the fact that the company builds a wide variety of tanks for a wide variety of customer's specifications, there are consequently a significant number of project specific chemicals and solvents used at the facility. The universe of different solvents used at the facility is approximately two dozen and those may change over time. The facility has a distillation unit for reclaiming spent solvent and is currently managing all still bottoms as hazardous waste. Hazardous materials that have the possibility of becoming hazardous waste still bottoms generated by the facility include: Methyl Ethyl Ketone; Mineral Spirits; Stoddard Solvent; and Thinner Clear among others. Used oil is generated in modest amounts and recycled by Noble Oil Company. The facility is properly managing used lamps as universal waste. Used aerosol cans are managed as hazardous waste.

#### **AREAS OF REVIEW AND INSPECTION:**

##### **Emergency Preparedness/Arrangements with Local Authorities:**

Production employees meet for weekly safety meetings and each building is given a safety inspection on a monthly basis. The facility has one paint booth which is covered by an overhead fire suppression system which is tested annually. The remainder of the facility has ABC fire extinguishers throughout which are inspected monthly and serviced annually. Emergency arrangements have been made with The Wayne County Fire Department who visits the site annually, the Goldsboro Police Department and Wayne Memorial Hospital.

##### **Contingency Plan:**

The facility has posted by phones throughout the facility a sheet with the following information. The name and phone numbers of emergency coordinator, the location of fire extinguishers, spill control equipment, and fire alarms, along with the number to the fire department.

##### **Training Records:**

All employees receive annual hazardous materials training and the production areas hold weekly safety meetings which include hazardous material briefings. Documentation of training is maintained.

##### **Manifests / LDR:**

No manifests were reviewed on the day of the inspection due to the fact that the company has not shipped hazardous waste in a number of years. The company is presently storing several five-gallon metal pails of waste paint on which a waste determination is being performed. Bills of Lading for recycling of used oil were reviewed.

##### **Inspection Records (storage):**

The facility does not presently document inspections at its hazardous waste storage area. As a conditionally exempt small quantity generator, that would not be a violation.

### **Accumulation Areas:**

According to facility personnel, solvents used for parts cleaning are “in use” until they are moved to the distillation area. Spent solvents are delivered to the distillation area on a daily basis for immediate recycling (typically at the end of each shift) and as a result the facility does not generally have satellite accumulation areas for hazardous waste with the exception of used aerosol cans accumulated in the Maintenance and Storage Shop.

### **Storage Areas:**

The facility has one area referred to as the Distillation Shed where spent solvents are distilled for reclamation. According to Mr. Merritt, spent solvents are distilled as soon as they are generated and thus the hazardous waste stored in this area is generally limited to still bottoms. On the day of the inspection, several five-gallon metal pails containing waste paint related materials were observed. Mr. Merritt explained they had been there a while, were not distillable and were awaiting a waste determination. A fire extinguisher was observed located in the area. Recommend a spill kit be maintained in the area although as a CESQG, one is not required.

### **Other Areas Inspected:**

#### Maintenance and Storage Shop

Maintenance is performed in this area and maintenance supplies are stored here. The facility uses a modest amount of aerosol cans primarily in this area which are managed as hazardous waste. Universal waste used lamps and batteries are also stored in this area. On the day of the inspection, a used aerosol can container and all universal waste containers were observed properly closed and labeled.

#### Main Fabrication Building

No hazardous waste stored or accumulated.

#### Storage Shed

Two drums used oil, observed properly labeled.

#### Coating Shop

Spent acetone in moved from the Coating Shop to the distillation unit at the end of each shift.

#### Perm Shop

The Perm Shop is a small remote building where primarily fiberglass and other coatings are adhered to tanks. Very small amounts of solvent are used to clean parts. On the day of the inspection, no hazardous waste was observed.

#### Old Waste Oil Area

A previous “area of concern” during the compliance assistance evaluation, a waste determination was performed on several tanks which identified their contents as oily water. The tanks have since been emptied and the waste oily water properly managed as evidenced by Bills of Lading from Noble Oil Company.

### **External Condition of Facility:**

No adverse conditions were observed.

### **WASTE MINIMIZATION:**

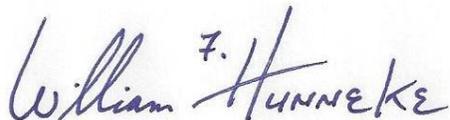
Distilling spent solvent has greatly reduced the company’s hazardous waste stream save for still bottoms, used aerosol cans and universal waste. The company recycles a significant amount of scrap metal.

**SITE DEFICIENCIES:**

No site deficiencies were noted or observed during the inspection as the facility is operating as a CESQG.

**RECOMENDATIONS:**

Recommend a spill kit be maintained in the distillation area although as a CESQG, one is not required.



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William Hunneke  
Environmental Senior Specialist, NCDENR

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February 15, 2016

Date

Copy of report provided to facility contact