

# Large Quantity Generator Re-Inspection Report

NCDENR-Division of Waste Management-Hazardous Waste Section

February 27, 2006

2006-119

**Facility Name:** Mast Brothers Tank Cleaning (d.b.a. Express Container Services)

**Location:** 1734 Tarheel Road, Charlotte North Carolina 28208 (PO Box 79, Paw Creek, NC 28130)

**EPA ID#:** NCD 000 016 485

**Phone Number:** 704-391-0503

**Contact/ Title:** Carl Gambrell/Dir Environmental Affairs

**Inspection Date:** February 16, 2006

**Re-Inspection Date:** February 27, 2006

**Last Inspection:** March 18, 2004

**Status:** LQG

**Type of Inspection:** CSE

**Inspector:** Mark Burnette

**Present at Inspection:** Mark Burnette (via fax)

**Type of Business:** Mast Brothers Tank Cleaning (Mast) doing business as Express Container Services operates as a tank cleaning service for tanker trucks that haul various products and chemicals. When the trucks enter the facility, they are segregated into bays depending on what they were hauling. Once in the bay, the tanks are drained, and the product captured. The product is either sent back to the customer, the producer, or disposed of by Mast. The tanks are cleaned by use of pressurized water and cleaning products to neutralize what was in the tanks. This wash material is captured and treated on-site before being disposed of into Mecklenburg Counties municipal wastewater treatment system. Hazardous wastes are generated from bottoms that come out of the tanks, and materials that are not sent back to customers or producers.

## Areas of Inspection

### Manifests:

Manifests were reviewed for 2004-present. All of the necessary information was present, along with signatures, approved transporters, approved TSDF, and LDR forms.

<u>Transporters:</u>	Clean Harbors	MAD 039 322 250
	CMAC Environmental	ALD 981 020 894
	Robbie Wood	ALD 671 133 891
	Maumee Express	NJD 986 607 380

<u>TSDF's:</u>	CMAC Environmental	ALD 981 020 894
	Clean Harbors-Reidsville	NCD 000 648 451
	American Environmental Services	WVD 981 107 600

**Waste Generated:**

Waste Flammable Liquid	Styrene, MEK	D001
Waste Toxic Liquid	mercury	D009
Waste Sodium Borohydride & Sodium Hydroxidem Solution		D002

**Inspection Records:**

Inspections were reviewed for 2005-2006. All records were available and were in good order.

**Contingency Plan:**

Mast maintains a contingency plan on-site. Since the facility has changed ownership and some management, some of their emergency information has changed. The facility needs to update their list of emergency coordinators to reflect who is at the facility now. Any changes should be submitted as amendments to the original contingency plan to the facilities local emergency responders. Their plan did list emergency equipment, actions personnel are to take during an emergency, and included an evacuation plan. The facility has also made arrangements with their local responders in writing.

*Mast submitted an updated contingency plan that addresses the issues regarding their emergency coordinators and alternates.*

**Emergency Preparedness:**

Mast is operated to minimize the possibility of spills or releases of hazardous waste. The facility has made emergency arrangements with their local responders. They maintain emergency equipment such as spill kits, fire extinguishers, over-pack drums, and eyewash stations. The facility has evacuation procedures established, and no employee enters the hazardous waste storage area alone. The facility also maintains communication equipment such as telephones and alarms.

**Training Records:**

There are currently two hazardous waste handlers at Mast. Both handlers had proper job titles and job descriptions. However, training records for 2005 were not available for Herbert Lamb.

*Mast submitted records showing that Herbert Lamb did receive refresher training in 2005.*

**Satellite Accumulation Area(s):**

The facility maintains one satellite accumulation area (SAA). This container is located in the wastewater treatment room. It is a 55-gallon container used to store waste flammable liquids. The container was properly closed and labeled.

**Storage Area:**

The facility maintains one <90 storage area. During the inspection, there were eleven containers in storage. The containers were properly closed, labeled and dated. The area is designated as hazardous waste storage, with a spill kit, fire extinguishers, eyewash station, no smoking signs, and an over-pack drum.

**Biennial Report:**

The facility submitted their biennial report for 2003 on February 23, 2004. They reported 29,550 lbs. of D001, D002, D003, D004, D005, D006, D007, D008, D018, D019, D021, D022, D023, D024, D025, D026, D032, D034, D035, D036, D038, and D039.

**Site Deficiencies:**

265.16(c)- Failure to receive annual training. Herbert Lamb did not have training records for 2005.

*Records were received showing Herbert Lamb received training on 7/13/05.*

265.54- Failure to amend the contingency plan. The emergency coordinator list needs to be updated.

*Records were received showing the emergency coordinator list has been updated to reflect the proper contact information for who is on-site now.*

**Recommendations:**

The state's LQG Class is March 9, 2006 in Charlotte. Visit [mcicnc.org](http://mcicnc.org) for more info.

_____		_____ <u>by mail</u> _____	
Inspector	(Date)	Facility Contact	(Date)

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# Small Quantity Generator Re-Inspection Report

NCDENR-Division of Waste Management-Hazardous Waste Section

February 6, 2006

**Facility Name:** General Electric International, Inc.; GE Service Center-Charlotte

**Location:** 12037 Goodrich Drive, Charlotte, NC 28273

**EPA ID#:** NCD 980 798 631

**Contact/ Title:** Doug Bridges/ EH&S Manager

**Inspection Date:** January 11, 2006

**Re-Inspection Date:** January 31, 2006

**Last Inspection:** December 4, 2003

**Status:** SQG

**Type of Inspection:** CSE

**Inspector:** Mark Burnette

**Present at Inspection:** Doug Bridges & Mark Burnette

**Type of Business:** GE is in the business of repairing electrical and mechanical industrial equipment such as turbines and generators.

## Areas of Inspection

### Manifests:

Manifests were reviewed from 2004-2005. All were in good order with attached returned copies, approved transporters and TSDf's, and LDR forms.

Transporters: Freehold Cartage

NJD 054 126 164

Chemtron

OHD 066 060 609

TSDf's: Chemtron

OHD 066 060 609

### Waste Generated:

• Waste Organic Peroxide	t-Butylperoxybenzoate	D001, D035
• Waste Resin Solution		D001
• Waste Organic Peroxide	dibenzoyl peroxide	D001
• Hazardous Waste Solid	xylene	F003
• Hazardous Waste Solid	cadmium	D006, D007, D008
• Waste Flammable Liquid	toluene	D001, F003, F005
• Waste Solids containing Liquid	D-Limonene	D001
• Hazardous Waste Solids	halide bulbs	
• Hazardous Waste Solids	mercury bulbs	
• Hazardous Waste Solids	lead, chrome	D006, D007, D008
• Waste Corrosive Liquid	sulfuric acid	D002, D008
• Waste Flammable Solid	MEK	D035
• Waste Flammable Liquid	styrene	D001
• Waste Solids containing Flammable Liquids	mineral spirits	D001

**Inspection Records:** Inspection records were reviewed for 2004-2005. All records were available and in good order for the hazardous waste storage area.

**Contingency Plan:** GE maintains a contingency plan similar to that of a Large Quantity Generator. The plan includes emergency coordinator lists and contact numbers, emergency equipment list, and evacuation procedures. The facility has also posted emergency information throughout the facility that lists the emergency coordinator contact information and directs employees on what to do in the case of an emergency. The plan was last revised on 9/21/04.

**Emergency Arrangements:** GE has made emergency arrangements with local fire, police and hospital. They also maintain emergency equipment such as fire extinguishers, internal communication devices, and a sprinkler system. Their emergency equipment is tested to ensure its performance during an emergency.

**Training Records:** GE's facility personnel receive annual hazardous waste training through a Hazardous Waste video. Key facility personnel also review the contingency plan annually.

### Satellite Accumulation Area:

1. Switch Gear Area- One 30-gallon container with an attached can puncturing device for liquid solvent. The container was in secondary containment and was used to hold liquid solvent. The container was properly closed and labeled. There was also a 30-gallon container with a can puncturing device for liquid paint. The container was in secondary containment and was properly closed and labeled. The area was designated as a hazardous waste accumulation area.
2. EE2- One 5-gallon container with a hinged top for waste solids (rags). The area was labeled for solvent cleaning rags, and the container was properly closed and labeled.
3. EC10- One 55-gallon container for liquid varnish waste. The container was properly closed and labeled.

4. EE15- One 55-gallon container for sand blast media. During the inspection there was sand (**product**) on top of the container as well as on the floor around the container and under the blast machine. The container was properly closed and labeled.
5. EC15- Two 30-gallon containers that were properly closed and labeled. One container had a can puncturing device and was in secondary containment. The other container was for solids such as filters.
6. Blast Room- One 55-gallon container for liquid solvent which was in secondary containment. The container had an attached can puncturing device. The container was properly closed and labeled.
7. MM9- One 55-gallon container for blast bead abrasive. The container was properly closed and labeled.

**180-Day Storage Area:** GE maintains a hazardous waste storage building that is approximately 15 X 15 and has restricted access and adequate signs to designate it as hazardous waste storage. All employees who work in this area carry communication equipment. During the inspection, there were no hazardous waste containers in storage.

**Universal Waste:** GE maintains a UW storage area inside the facility. During the inspection, there was one round box used for storing spent bulbs. The container was properly closed, labeled, and dated. They also accumulate used batteries, and during the inspection, there was a 5-gallon bucket for spent batteries. The container was properly closed, labeled, and dated.

**Used Oil:** One 55-gallon container with an attached funnel and secondary containment. The container was properly closed and labeled.

**Site Deficiencies:**

**262.34(a)(1)(i)-** The waste is placed in containers and the generator complies with the applicable requirements of subparts I, AA, BB, and CC of 40 CFR part 265;

**During the inspection, there was evidence of releases on top of the satellite accumulation container, on the floor around the satellite accumulation container and under the sand blast machine located at area EE15.**

*Based upon the information received during the first inspection on 1/11/06, this violation for releases of hazardous waste was issued. Upon further investigation by the facility, the material around the sand blast machine observed during the 1/11/06 inspection was discovered to be product and not waste. Based upon these findings, this violation is now in compliance with 40 CFR 262.34(a)(1)(i), and no further action is required by GE.*

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Inspector (Date)

\_\_\_\_\_ by certified mail  
Facility Contact (Date)