

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

P039842535

FACILITY: DEXTER STAMPING COMPANY, LLC		SRN / ID: P0398
LOCATION: 1013 THORREZ ROAD, JACKSON		DISTRICT: Jackson
CITY: JACKSON		COUNTY: JACKSON
CONTACT: Christopher Trapp , Weld, Controls and Automation Engineer		ACTIVITY DATE: 11/30/2017
STAFF: Mike Kovalchick	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Inspection of a stamping plant.		
RESOLVED COMPLAINTS:		

Minor Source-**Facility Contacts**

Christopher Trapp-Weld, Controls and Automation Engineer

ctrapp@dexterstamping.com

517-990-9893

Website: <http://www.dynamicindustrial.com>

Purpose

On November 30, 2017, I conducted an unannounced compliance inspection of Dexter Stamping Company, LLC (Company) located in Jackson, Michigan in Jackson County. The purpose of the inspection was to determine the facility's compliance status with the applicable federal and state air pollution regulations, particularly Michigan Act 451, Part 55, Air Pollution Control Act and administrative rules.

Facility Location

The facility is located in an industrial park in Jackson. See aerial photo.

Facility Background

There is no record that this facility has been inspected before.

Regulatory Applicability

No regulated sources of air pollution at this facility. Welding operations are exempt from PTI requirements per Rule 285 (2) (i). Metal stamping is exempt per Rule 285 (2) (l) (i). Parts washer exempt per Rule 281 (2) (e).

Arrival & Facility Contact

Visible emissions or odors were not observed upon my approach to the Company's facility. I arrived at 9:25 am, proceeded to the facility office to request access for an inspection, provided my identification and spoke with Christopher Trapp (CT)-Weld, Controls and Automation Engineer. I informed him of my intent to conduct a facility inspection and to review the various records as necessary.

CT extended his full cooperation and fully addressed my questions.

Pre-Inspection Meeting

CT outlined that the facility has 95 employees and operates from 7 am to Midnight 5 days a week. They stamp automobile parts via 9 stamping machines. They also have 8 robotic MIG welding stations and 10 resistance welding stations. They average only 8000 pounds of welding wire per month. See Attachment (1) which is the SDS for the welding wire. There is also a parts washer that uses steam and detergent. CT indicated that an OSHA evaluation was conducted recently for indoor air pollution and no concerns were identified. CT says they don't have any boilers or emergency generators.

Onsite Inspection

CT gave me a tour of the facility.

He first showed me the robotic MIG welding stations. The booths were fully enclosed and exhaust outside. A check inside the booth showed that it appeared to be spot welding with only brief periods of smoke being generated. (See attached photos.)

We walked past some stamping presses and then observed the parts washer near the back of the building. It appeared to have a couple of exhaust stacks for the steam/vapor. (See attached photos.)

Finally, we observed the resistance welding stations. Emissions from these stations were ducted to 3 or 4 Smog Hog type dust collectors that do not vent externally. (See attached photos.)

A roof inspection was not conducted due to bad weather. Based on the small amount of smoke generated inside the MIG welding booths, it appeared that opacity would not be an issue in the exhaust stacks on the roof.

Recordkeeping/Permit Requirements Review

No records reviewed conducted due to low emissions potential.

Post-Inspection Meeting

I held a brief post-inspection meeting with TC. I indicated that I didn't have any findings. I thanked TC for his time and cooperation and I departed the facility at approximately 10:00 am.

Compliance Summary

The Company is in compliance.

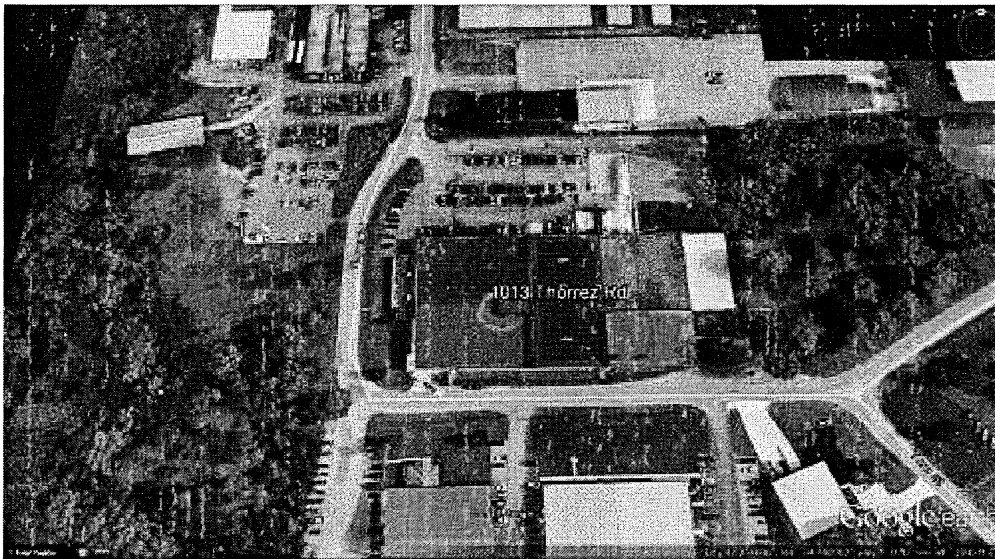


Image 1(Aerial photo) : Aerial photo.

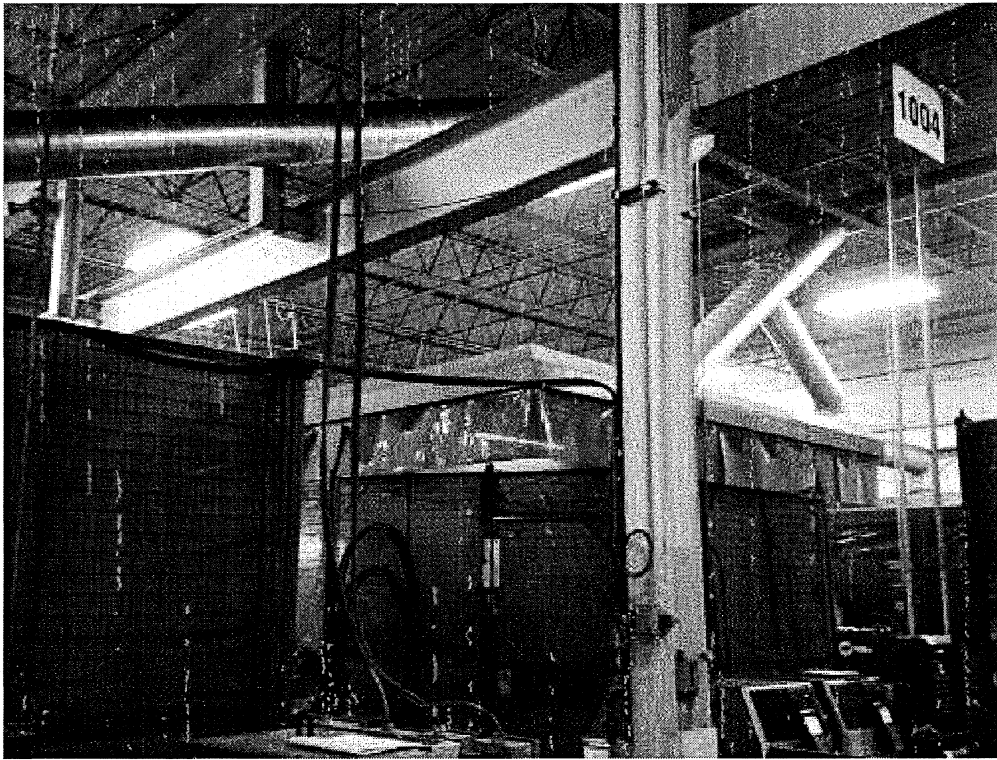


Image 2(MIG welding) : MIG welding booths with exhaust stacks.

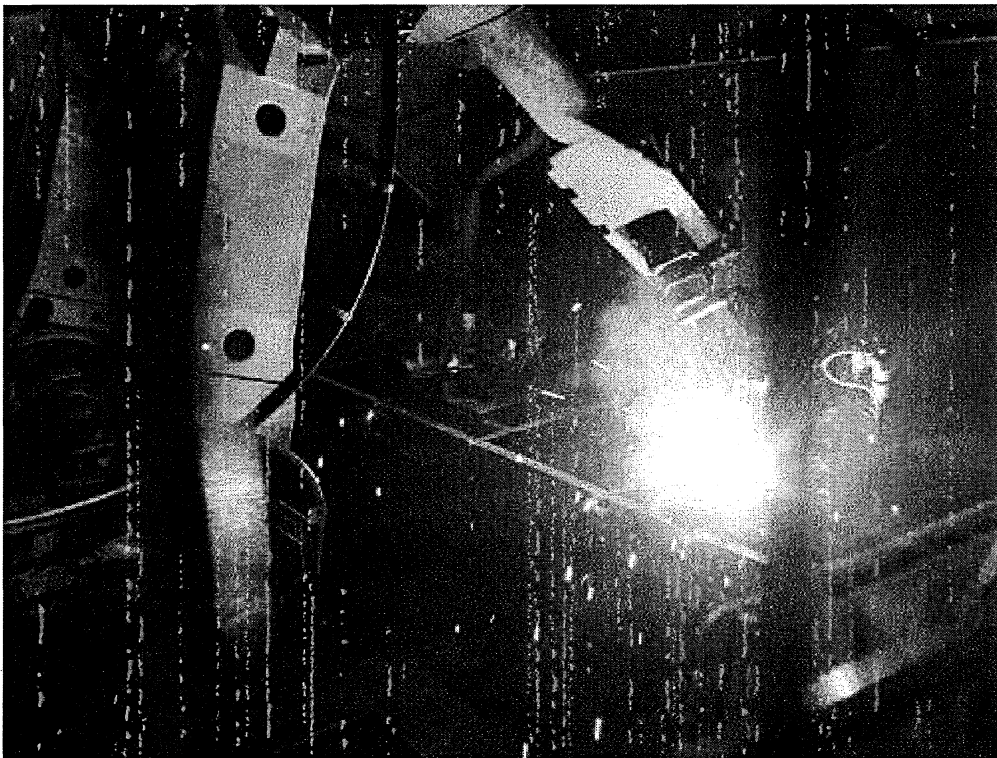


Image 3(MIG welding) : Inside MIG welding booth.



Image 4(Parts washer) : Parts washer using steam and detergent.

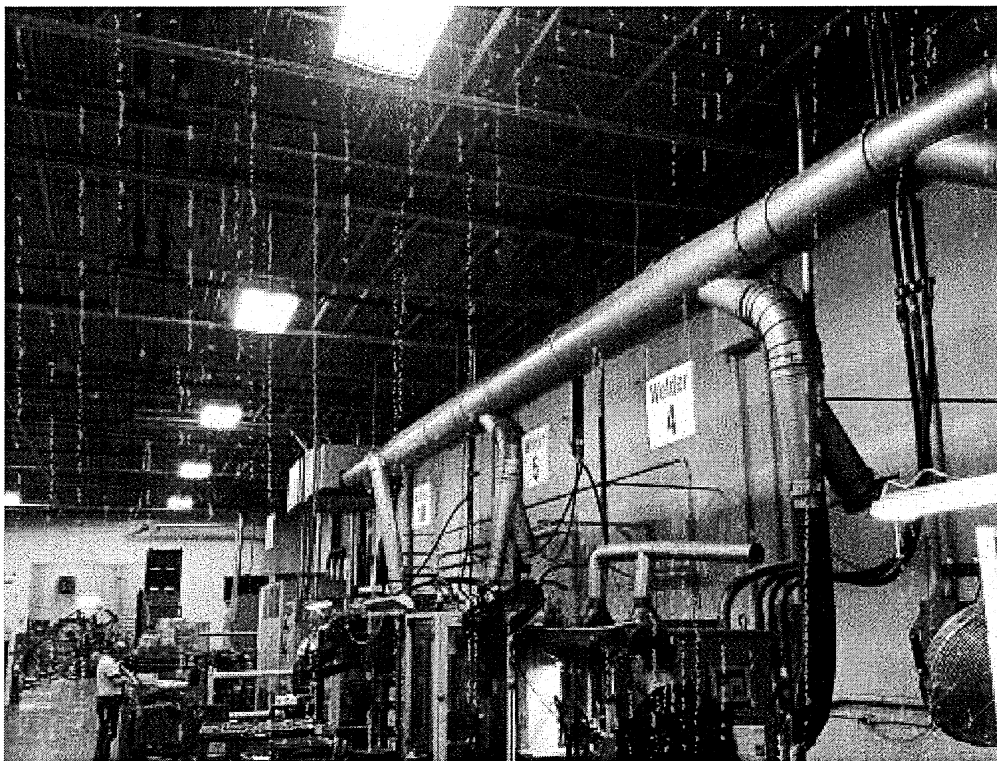


Image 5(Resistance welding) : Resistance welding stations and ventilation ducts.



Image 6(Dust Hog) : Dust Hog dust collector for the resistance welding stations.

NAME M. Koralchick

DATE 12/4/2017

SUPERVISOR [Signature]