



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604

DATE: MAY 23 2019
SUBJECT: CLEAN AIR ACT INSPECTION REPORT
Interlake Mecalux, Inc.
FROM: Gregory Gehrig, Environmental Engineer
AECAB (MI/WI)
THRU: Sarah Marshall, Section Chief
AECAB (MI/WI)
TO: File

BASIC INFORMATION

Facility Name: Interlake Mecalux, Inc.

Facility Location: 1600 N 25th Street, Melrose Park, IL

Date of Inspection: May 15, 2019

EPA Inspectors:

1. Gregory Gehrig, Environmental Engineer

Other Attendees:

1. Lilli Sabido, Maintenance Manager, Interlake Mecalux, Inc.
2. Marisa Aveces, Quality Manager, Interlake Mecalux, Inc.

Contact Email Address: lsabido@Interlakemecalux.com; and
marisa.aceves@interlakemecalux.com

Purpose of Inspection: CAA Compliance

Facility Type: steel storage systems fabrication

Regulations Central to Inspection: SIP, NSPS and MACT

Arrival Time: 0730 hrs

Departure Time: 0940 hrs

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Inspection Type:

- ☒ Unannounced Inspection
- ☐ Announced Inspection

OPENING CONFERENCE

- ☒ Credentials Presented
- ☒ CBI warning to facility provided

The following information was obtained verbally from facility personnel.

Company Ownership: The facility has had the same ownership since at least 2013.

Process Description:

The Interlake Mecalux, Inc. (Interlake) facility manufactures steel-frame storage systems. Raw materials include unpainted steel coils and are slit, stamped, punched, folded, drilled and welded to specification, before the component pieces are sent to the low-intensity electrostatic paint booth. Steel pieces are degreased with a phosphate solution before painting. Paints used contain VOCs and emissions from painting and degreasing are routed to a twin-bed regenerative thermal oxidizer (RTO). Welding emissions are collected and routed through cartridge filters before being vented to atmosphere. Welding cartridge filters are changed monthly. The RTO has a low temperature alarm. RTO maintenance and troubleshooting are provided by Catalytic Products, Inc. The RTO is turned off nightly and on weekends and is interlocked with painting and degreasing operations such that they cannot be run without the RTO in operation.

TOUR INFORMATION

EPA toured the facility: Yes

Data Collected and Observations: Photos were taken during the facility tour.

EPA toured the facility and observed all processes. The facility appeared to be in normal operations. The RTO temps were 1584 F in bed A, which appear to be the active bed during the observation, and 1574 F in bed B. Slight opacity was notable throughout the large open facility space.

Field Measurements: were not taken during this inspection.

RECORDS REVIEW

Facility layout (taken, claimed CBI).

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CLOSING CONFERENCE

Requested documents: None

SIGNATURES

Lead Inspector: Gregory Wehring Date: 5-23-2019
Section Chief: Scott Paul Date: 5/28/19

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DIGITAL IMAGE LOG*

1. Photographer: Gregory Gehrig	2. Date(s) of Inspection: May 15, 2019
3. Company/Facility Name: Interlake Mecalux, Inc.	4. Street Address, City, State: 1600 N 25th Street, Melrose Park, IL
5. Number of Images: 9	6. Archival Record Location: CD-R labeled Interlake Images 5.15.2019

Image name	Date and Time* (CDT)	Description
IMG_0204.JPG	5/15/2019 8:52	Steel coil receiving and stamping
IMG_0205.JPG	5/15/2019 8:53	degreasing
IMG_0206.JPG	5/15/2019 8:55	Shop view with spot welding
IMG_0207.JPG	5/15/2019 8:56	RTO with painting operation at right
IMG_0208.JPG	5/15/2019 8:58	RTO control panel
IMG_0209.JPG	5/15/2019 8:59	RTO pressure gauges
IMG_0210.JPG	5/15/2019 9:07	Fixed semi-automatic welders with fume collection
IMG_0211.JPG	5/15/2019 9:09	Semi-automatic welder
IMG_0212.JPG	5/15/2019 9:11	Induction welder #149

*time stamp on photos is one hour ahead.