



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

DATE: MAY 23 2019

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
Custom Plastics, Inc.

FROM: Gregory Gehrig, Environmental Engineer
AECAB (MI/WI)

THRU: Sarah Marshall, Section Chief
AECAB (MI/WI)

TO: File

BASIC INFORMATION

Facility Name: Custom Plastics, Inc.

Facility Location: 1940 Lunt, Elk Grove Village, IL

Date of Inspection: May 17, 2019

EPA Inspectors:

1. Gregory Gehrig, Environmental Engineer

Other Attendees:

1. Richard Kneisel, General Manager, Custom Plastics, Inc.

Contact Email Address: d-kneisel@customplasticsinc.com

Purpose of Inspection: CAA Compliance

Facility Type: plastics extrusion and mold making

Regulations Central to Inspection: SIP, NSPS and MACT

Arrival Time: 1015 hrs

Departure Time: 1140 hrs

Inspection Type:

- ☒ Unannounced Inspection

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☐ 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 2012.

Process Description:

The Custom Plastics, Inc. (Custom Plastics) facility extrudes plastic to make plastic parts and makes plastic parts from molds. Plastic used includes polyvinyl chloride, polypropylene, nylon, polyethylene and ABS. Plastics are received in supersacks, bags and tote boxes (gaylords) in beads or powder. The plastic is then pneumatically conveyed into the hopper of an extruder or molding machine before being dropped to a screw conveyer. While being conveyed to the mold or extrusion aperture, the plastic is electrically heated to approx. 350 F to melt it. Once made by the machine, the part is removed by hand for finishing, as necessary. Finishing operations include punching, cutting and assembly. Off-spec materials are reground, which is done at the individual extruder or molding machine, or in large re-grinder that is controlled by a dust collector. Mineral spirits are used as necessary for parts cleaning.

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.

Field Measurements: were not taken during this inspection.

RECORDS REVIEW

Facility layout (taken)

CLOSING CONFERENCE

Requested documents: None

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SIGNATURES

Lead Inspector: Gregory V. Spring Date: 5-23-2019

Section Chief: Sam M. Smith Date: 5/23/19

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DIGITAL IMAGE LOG

1. Photographer: Gregory Gehrig	2. Date(s) of Inspection: May 17, 2019
3. Company/Facility Name: Custom Plastics, Inc.	4. Street Address, City, State: 1940 Lunt, Elk Grove Village, IL
5. Number of Images: 4	6. Archival Record Location: CD-R labeled Custom Plastics Images 5.17.2019

Image name	Date and Time (CDT)	Description
P1050070.JPG	5/17/2019 10:56	Extruder
P1050071.JPG	5/17/2019 10:58	Extruder showing hopper
P1050072.JPG	5/17/2019 11:03	Regrind area
P1050073.JPG	5/17/2019 11:12	Mold making machine