

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

N327347059

| | | |
|--|--------------------------------------|----------------------------------|
| FACILITY: Innovative Engineering | | SRN / ID: N3273 |
| LOCATION: 1541 W ROUND LAKE RD, DEWITT | | DISTRICT: Lansing |
| CITY: DEWITT | | COUNTY: CLINTON |
| CONTACT: | | ACTIVITY DATE: 11/20/2018 |
| STAFF: Julie Brunner | COMPLIANCE STATUS: Compliance | SOURCE CLASS: MINOR |
| SUBJECT: Business sold and moved to 712 Terminal Road, Lansing, Michigan 48906 in Ingham County | | |
| RESOLVED COMPLAINTS: | | |

On November 20, 2018, I conducted self-initiated inspection of Innovative Engineering at 1541 West Round Road in Dewitt. The facility address was 941 West Round Lake Road in the District files, and the address number has changed to 1541. This has been corrected in MACES and MAERS. The company was split in 1995 with Innovative Engineering keeping the urethane molding operations, and Innovative Polymers, Inc. taking the liquid polyurethane mixing operations. Innovative Polymers, Inc. has since relocated to 208 Kuntz Street in St. Johns.

Arrived: 8:54 am

Weather: 24°F, NNW 5 mph, sunny

Departed: 9:00 am

Contacts:

Mr. Ryan Cutler (owner) and Ms. Tina Wood (office), 517-977-0460, office@innovative-urethane.com, www.innovative-urethane.com

Facility Description:

Innovative Engineering does custom molding of polyurethane products. The facility takes liquid polyurethanes, mixes the "A" and "B" components, and pores them into custom molds. The products manufactured include weather stripping for automotive applications, rapid prototypes, etc.

The facility is located in a small industrial park off of West Round Lake Road. It is surrounded by a small amount of residential housing and commercial/industrial property. Woods separate the nearest neighbors from the facility.

Regulatory Overview:

Innovative Engineering is a true minor source of any regulated air contaminants including hazardous air pollutants (HAPs) and not subject to the Title V Renewable Operating Permit (ROP) program. Innovative Engineering had four Permits to Install (PTI) No. 1147-91, 1148-91, 1149-91, and 1150-91.

| Emission Unit Description | PTI No. | Status |
|--|----------------|-----------------|
| IE-70D hardener manufacturing process – drum roller (SCC: 3-08-999-99) | 1147-91 | Process removed |
| Three (3) electric heated ovens to warm molds and post-cure molded parts. (SCC: 3-08-999-99) | 1148-91 | Process removed |
| IE-90A hardener manufacturing process – drum roller (SCC: 3-08-999-99) | 1149-91 | Process removed |
| IE-100 resin manufacturing process – drum roller (SCC: 3-08-999-99) | 1150-91 | Process removed |

MAERS:

The facility was not required to report emission information.

Inspection:

Before driving out to the facility, I did an internet search and discovered that the business had moved to 712 Terminal Road, Lansing, Michigan 48906 in Ingham County. I called and talked to Ms. Tina Wood at the new location. She told me that Mr. Daryl Reed had retired, and the business had been sold to Mr. Ryan Cutler. Some of the equipment at the Round Lake Road location had been moved to the new location, and some had been gotten rid of. There was still one active permit, PTI 1148-91, for the Round Road location and I confirmed that it could be voided.

I did a drive by of the Round Lake Road location. It is a multi-use building that is up-for-sale or lease. No odors were detected in the drive way. No visible emissions were identified from the building. Earth Concrete Artisans is located in the part of the building where Innovative Engineering used to be.

Summary:

PTI 1148-91 was voided on November 21, 2018. An inspection of the new location is recommended for the inspector of Ingham County in the future.



Image 1(Building Sign) : Innovative Still Listed



Image 2(1) : For sale or lease in front of building

NAME

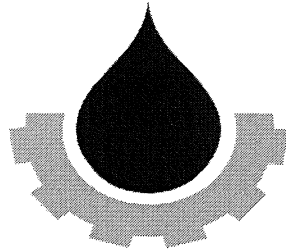
Julie P. Bruner

DATE

11/26/18

SUPERVISOR

B.M.



INNOVATIVE ENGINEERING

PRECISION POLYURETHANE MOLDING SINCE 1986

HOME

CAPABILITIES

ABOUT

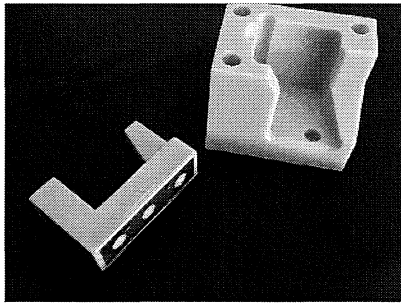
GALLERY

CONTACT

Innovatively Engineered Solutions

**We Are Your Partner For
Custom Molded Polyurethane Products,
Rapid Prototypes, Custom Hand Tools,
3D-Printed Components, Additive
Manufacturing, and CNC Machining.**

CAPABILITIES



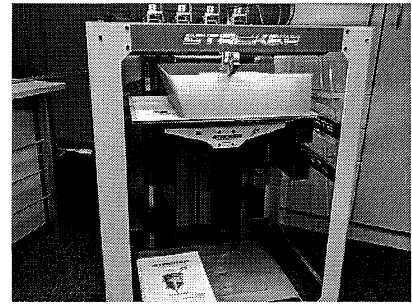
Custom Cast Polyurethane Molding

Materials and Processing Know-How in Cast Polyurethanes has been the backbone and founding technology of Innovative Engineering - some 32 years ago. Innovative is capable to produce just a few parts for your specialty product or up to thousands for your mass production.



Mutilation Protection

Our long history providing economically feasible mutilation protection solutions to the marketplace ensures immediate reduction in rework costs.



Additive Manufacturing

Through the use of modern 3D printing technology Innovative Engineering can deliver fast proof of concept parts to reduce your time to market. We have a large format FDM printer and 2 SLA printers to handle your print quality requirements.

ABOUT

Founded in 1986 in a basement workshop in rural DeWitt Michigan is the humble beginnings of Innovative Engineering of Michigan, Incorporated. Over the past 30 years many evolutions of the company have taken place, however some things have stayed constant. To this day, Innovative Engineering is still a family run business and is still guided by the principle of *integrity*. At Innovative, we strive to provide cost effective solutions in cast polyurethane and other elastomers. The products we manufacture can be found in a diverse array of industries such as automotive assembly, aluminum casting, food processing, and medical diagnostics machinery. We are proud to be an American Small Business and Made in U.S.A.

1986

Year
Established

8,545

Projects
Completed

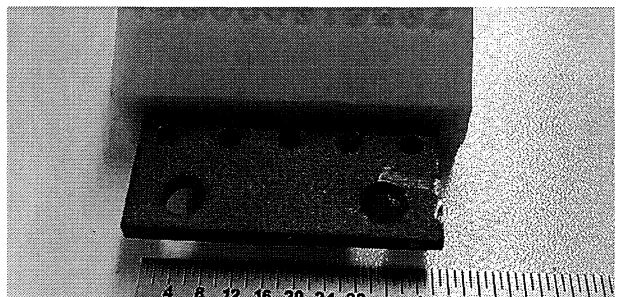
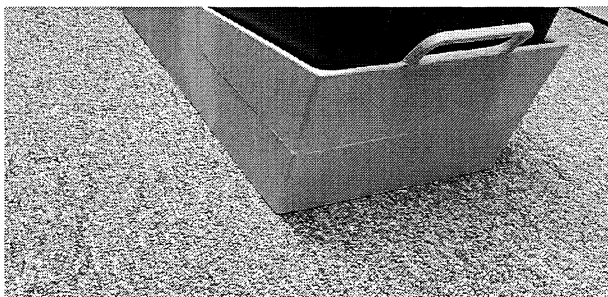
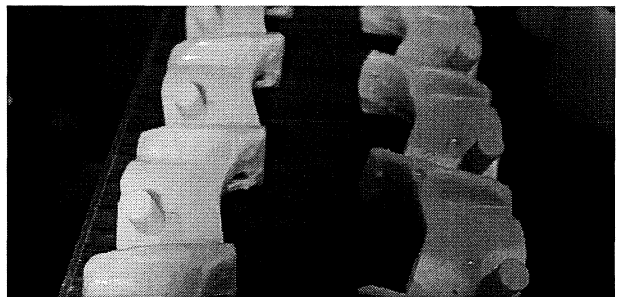
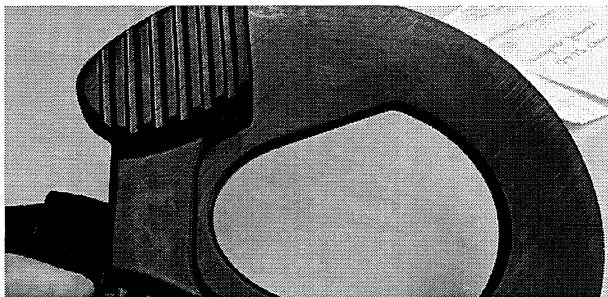
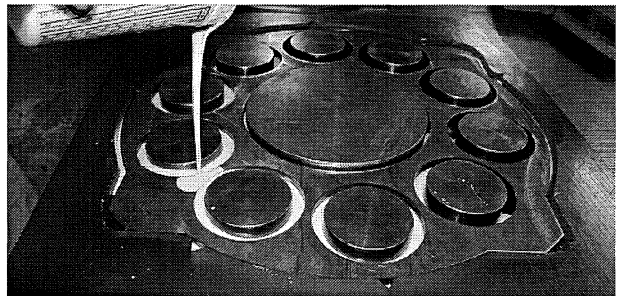
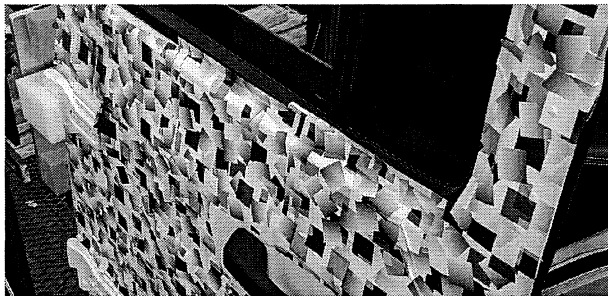
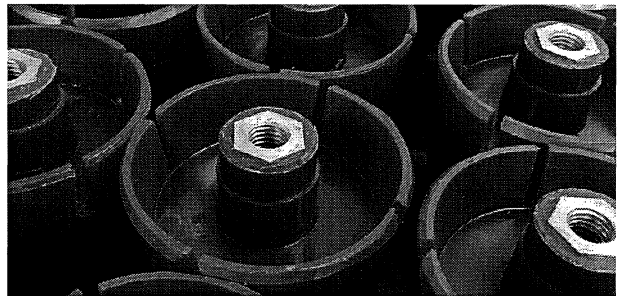
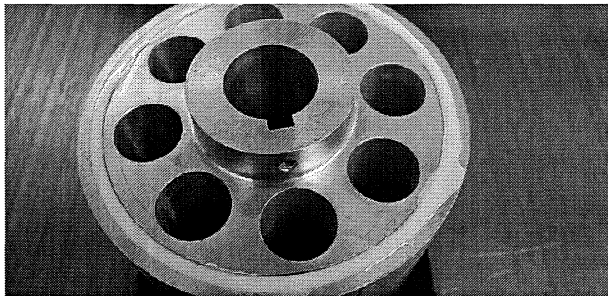
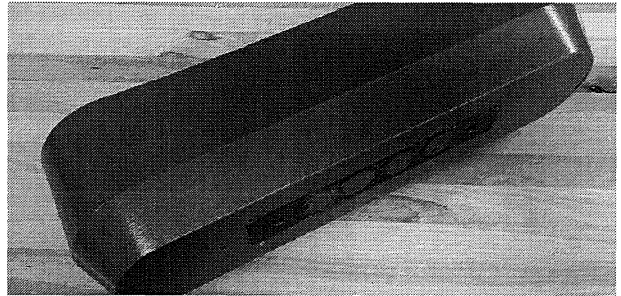
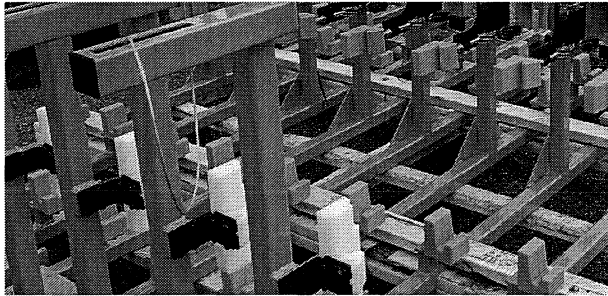
5,280

Molds Made

97

Tons Of
Urethane
Processed

GALLERY



[Show More](#)

CLIENTS



CONTACT



Inquiries

For any inquiries, questions or commendations, please call: 517-977-0460 or fill out the following form

Name

Email

Subject

Message

Head Office

712 Terminal Road
Lansing, Michigan 48906 USA

office@innovative-urethane.com

Tel: 517-977-0460

Employment

To apply for a job with Innovative Engineering, please send a cover letter together with your C.V. to: office@innovative-urethane.com