

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection

N750444426

FACILITY: MAGIGLIDE INC		SRN / ID: N7504
LOCATION: 257 INDUSTRIAL PARK RD, CRYSTAL FALLS		DISTRICT: Upper Peninsula
CITY: CRYSTAL FALLS		COUNTY: IRON
CONTACT: Peter Paraventi , Plant Manager		ACTIVITY DATE: 05/02/2018
STAFF: Shamim Ahammod	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: MINOR
SUBJECT: Conducted a scheduled inspection to determine Magiglide Inc. compliance with the conditions of Permit to Install (PTI) number 427-75.		
RESOLVED COMPLAINTS:		

FACILITY: Magiglide Inc. (SRN/ID: N7504)
INSPECTION DATE: May 2, 2018
MDEQ-AQD Staff: Shamim Ahammod, Environmental Engineer
FACILITY REPRESENTATIVE: Peter W. Paraventi, Plant Manager
LOCATION: The facility is located at 257 Industrial Park Rd, Crystal Falls, Michigan. Wood fired boiler is located at the outside of the building.

SOURCE DESCRIPTION:

Magiglide Inc. makes shelving and bifold doors from particle board stock. This operation is covered by Permit to Install #427-75. The facility operates an outdoor wood-fired boiler which generates hot water for plant heating. However, outdoor wood-fired boiler is exempt per Rule 282(b)(iii).

INSPECTION:

On May 2, 2018, I (Shamim Ahammod) conducted a scheduled inspection of Magiglide Inc. I met with Peter Paraventi, Plant Manager. I told him the purpose of the inspection was to determine Magiglide Inc. compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Air Pollution Control Rules; and the conditions of Permit to Install (PTI) number 427-75. At the beginning of our meeting, we discussed issued permit, and then we went on a brief walk through the plant to get an idea of the overall operations at the plant.

REGULATORY ANALYSIS:

Wood fired boiler:

During the inspection, the wood-fired boiler was in operation and opacity was 87.7% based on highest 6-minute average opacity. According to special condition (SC) 9, visible emissions are limited to an opacity of less than or equal to 20% except as specified in Rule 336.41. Therefore, the facility is not in compliance with visible emissions (SC 9, permit No. 427-75).

During the inspection, I have observed the following:

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Process Description	Rule/Permit Condition Violated	Comments
Outdoor wood-fired boiler	R336.1201	Wood-fired boiler was no longer operating under PTI exemption R336.1282(b)(iii), i.e., because the wood fuel contained greater than 25% plywood, chipboard, particle board, and other types of manufactured wood boards.
Outdoor wood-fired boiler	R336.1301	Visible emissions were observed greater than 20%.

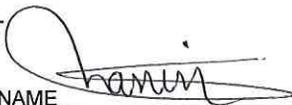
RULE 201 VIOLATIONS

During past inspections Magiglide was able to provide fuel usage records showing the outdoor wood-fired boiler meeting the permit exemption conditions of R 336.1282(b)(iii). During this inspection, it was noted that Magiglide Inc was burning greater than 25% plywood, chipboard, particle board, and other types of manufactured wood boards and were now considered to have at this facility.

RULE 301: VISIBLE EMISSIONS

During this inspection it was found that Magiglide’s outdoor wood-fired boiler was emitting opacity in excess of emissions allowed by Act 451, Rule 301.

Via onsite inspection, review of records, and discussion with staff, the facility appeared not to be in compliance with the conditions of issued permit no. 427-75.

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NAME 

DATE 5/22/2018 SUPERVISOR 