

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

N6489
FY2016 Insp

N648932018

FACILITY: DATA REPRODUCTIONS CORP		SRN / ID: N6489
LOCATION: 4545 GLENMEADE LANE, AUBURN HILLS		DISTRICT: Southeast Michigan
CITY: AUBURN HILLS		COUNTY: OAKLAND
CONTACT:		ACTIVITY DATE: 11/30/2015
STAFF: Iranna Konanahalli	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: FY 2016 level-2 scheduled inspection Data Reproductions Corporation		
RESOLVED COMPLAINTS:		

N6489 - SAR - 2015 11 30

Data Reproductions Corp. (N6489)
4545 Glenmeade Lane
Auburn Hills, Michigan 48326-1767

DataRepro.com

Duplicate SRNs and move: Data Reproductions Corporation operated under two duplicate SRNs N6018 and N4035 at 1480 Rochester Road, Rochester Hills, until 1998, when Data moved to 4545 Glenmeade Lane, Auburn Hills (N6489). AQD will keep N6018 for 1480 Rochester Road.

On October 30, 2015, I conducted a level-2 **scheduled** inspection Data Reproductions Corporation ("Data" or "Data Reproductions") located 4545 Glenmeade Lane, Auburn Hills, Michigan 48326-1767. The inspection was conducted to determine compliance with the Federal Clean Air Act; Article II, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994, PA 451 and Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) administrative rules.

Mr. Ollie Fenwick (Phone: 248-371-3700-ext. 158; Fax: 248-371-3710; Cell: 248-343-4791; E-mail: oFenwick@DataRepro.com), Maintenance Manager, and Mr. Doug Beauvais (Phone: 248-371-3700-ext. NA; Fax: 248-371-3701; Cell: NA; E-mail: dBeauvais@DataRepro.com), Plant Manager, assisted me.

Founded in 1967, Data Reproductions is in the business of printing and book binding. About 1998, according to Mr. Doug Beauvais, Data moved from 1480 Rochester Road, Rochester Hills, to 4545 Glenmeade Lane, Auburn Hills (N6489). While vegetable oil based inks are used in lithographic printing, hot-melt glues (solid) are used in binding. Heat is used to melt glue and the books are bound upon cooling of glue to solid state from liquid (hot) state.

The following are properties of materials used:

1. Glue: Hot-melt adhesive (Henkel Corp. of Rocky Hills, Connecticut 06067). Solid at ambient conditions. Melting Point (MP) = 230 °F. Boiling Point (BP) = 500 °F. Flash Point (FP) = 500 °F Cleveland Open Cup.
2. Inks: Mostly blank inks are used (Central Ink Corporation, West Chicago, IL). One type of ink of different colors is also used. Ink is in solid state containing 4-5% petroleum distillates. Boiling Point (BP) = 518-640 °F.

Plant is divided into two areas: printing area and binding area.

Printing area

Three sheet-bed presses are present: Man Roland, KBA Planeta, Heidelberg. Two of three presses, except Heidelberg, exhaust outside with negligible emissions. Two web presses (Timson), one large and one small, are present. While web presses always use black ink, Roland and KBA use also colored inks. Heidelberg is idle.

Binding area

While two binding machines (Muller-Martin) are operating, one binding machine (Koldus) is idle. Waste paper and paper dust from binding machines is transported to bailer via ductwork. Waste paper is recycled. Hot-melt glue machines are equipped with flat filters (like furnace filters) for particulate emissions. The hot-melt adhesives contain little or no VOC.

The hot-melt adhesive application machines are exempt from Rule 336.1201 (Permit-to-Install) pursuant to Rule 336.1287(i).

Slitter machine

One slitter machine is present. Particulate emissions are captured and controlled using a cyclone and a baghouse (arranged in series). The baghouse consists of 24 bags (4 ft. H and 6 inches diameter). Two 55-gallon disposable bags are present as hoppers for collected dust. All filtered exhaust is released to in-plant environment.

The machine is exempt from Rule 336.1201 (Permit-to-Install) pursuant to Rule 336.1285(l).

Conclusion

Data Reproduction operates Rule 336.201 exempt equipment pursuant to Rule 336.1285, 336.1287.

NAME

J. Stenmark

DATE

11/02/2015

SUPERVISOR

CJE