

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

N2949
FY 2019 Insp

N294947100

FACILITY: Automatic Valve Corporation		SRN / ID: N2949
LOCATION: 22550 HESLIP, NOVI		DISTRICT: Southeast Michigan
CITY: NOVI		COUNTY: OAKLAND
CONTACT:		ACTIVITY DATE: 10/25/2018
STAFF: Iranna Konanahalli	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: FY 2019 inspection of Automatic Valve Corporation ("Automatic Valve" or "Automatic")		
RESOLVED COMPLAINTS:		

Dura-Sill Corporation (N2949)**Automatic Valve Corporation (N2949)**

22550 Heslip Drive
Novi, Michigan 48375-4139

SRN reassign: Dura-Sill Corporation (N2949) → Automatic Valve Corporation (N2949). Automatic purchased the building from Dura-Sill, as it went out of business, and Automatic moved into this Heslip building about April 2018. Automatic moved from 41144 Vincenti Court, Novi. Automatic assembles pneumatic valves. Dura-Sil sold some of its equipment to Marbelite (N2949), which is also in Styrene based gelcoating business (bathroom vanity products). As it sold its Marbelite brand name, Marbelite is in the process of changing its name to Compozso, which is prohibited by sales agreement from making cultured marble products.

Dura-Sill NAICS Code: 326199

PTI to be voided: PTI No. 721-91 dated August 2, 1991, for gelcoat booth. This permit may be considered a presumptive NESHAP / MACT (especially, Subpart WWWW) synthetic minor permit with a VOC limit of 3.9 tpy (PTI No. 721-91, SC 14 limit: 3.9 tons of VOC per year). All VOC emissions were styrene (40% styrene in coatings and rest 60% solids), a CAA Sec. 112 Hazardous Air Pollutant (HAP).

Not subject to (<10 [Single HAP] /25 [Aggregate HAP] tpy Area Source; HAP = Styrene): Major Source NESHAP / MACT 4W: 40 CFR, Part 63, Subpart WWWW, National Emission Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production. Dura-Sill was not subject to NESHAP / MACT 4W because it obtained a presumptive synthetic minor permit with VOC limit of 3.9 tpy. However, as Dura-Sill (N2949) sold its equipment / processes, or dismantled & removed, to Marbelite Corporation (N1975), there is, anymore, no gelcoat process that emits CAA Sec. 112 HAP Styrene.

On October 25, 2018, I conducted a level-2 self-initiated **FY 2019 inspection** of Dura-Sill Corporation ("Dura-Sill") and Automatic Valve Corporation ("Automatic Valve" or "Automatic") located at 22550 Heslip Drive, Novi, Michigan 48375-4139. The inspection was conducted to determine compliance with the requirements of federal Clean Air Act; Article II, Air Pollution Control, Part 55 of Act 451 of 1994; PTI No. 721-91; and Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) administrative rules.

During the FY 2019 inspection, Mr. Jason Brown (Phone: 248- 397-4100; Cell: NA; Fax: NA; E-mail: Jason.Brown@AVNuclear.com), President, and Ms. Tara Kingsbury (Phone: 248- 397 -4100; Cell: NA; Fax: NA; E-mail: Tara.Kingsbury@AVNuclear.com), assisted me.

While Mr. Steve Morianti of Dura-Sill moved to Marbelite (to be renamed Compozio), his brother Mr. Ray Morianti retired about February 2018. Mr. Ray Morianti kept all records and prepared annual MAERS reports for Dura-Sill.

Dura-Sill manufactured imitation marble window sill products. The process consisted of gelcoat spray application to the desired window sill molds in gelcoat booth, air-drying the gelcoat at an ambient room temperature and spreading on the molds the matrix. Unlike natural marble, imitation marble is not porous due to gelcoating on its surface.

PTI No. 721-91: Gelcoat booth - Removed

The gelcoat application booth (12 ft. Wide * 7 ft. Tall * 5 ft. Deep Binks Model FAEC-10-7) equipped with Andrae Filters has been dismantled and removed since March 2018.

Sill molding – Sold to Marbelite

The matrix machine called Gisco Mixer (continuous casting machine) that mixed matrix consisting of calcium carbonate or lime stone (~80%, powder), an inorganic filler (~10%), a resin (~2.5%, liquid), a catalyst (1.5%, small amount) and a pigment has been moved to Marbelite about March 2018.

Sill finishing (sanding) booth– Sold to Marbelite

The window sill fixture finishing booth (completely enclosed), where sill was sanded to give finishing touches, has been moved to Marbelite about March 2018.

Gelcoat

Maxguard GG-CM-0006 Clearcoat Gelcoat (Product Code: 126221; Ashland of Columbus 800-325-3751)

Boiling Point (BP) = 293 °F. Flash Point (FP) = 85 °F. Flammability range = 1.1 %v (LEL) - 6.1 %v (UEL). Vapor Pressure (VP) = 0.853 kPa (0.124 PSI) at 77 °F / 25 °C.

Automatic Valve

Automatic Valve makes pneumatic valves usually for air applications. Principally, it machines and assembles valves. There is an enclosed assembly and testing area. In machining area, two mills and two lathes are present. In addition, two (2) CNC Mills (Haas) one (1) CNC Lathe (Haas) are present. The CNC machines are completely enclosed and use only water-based cutting tool coolant. Hence, there is no particulate emissions from CNC machines.

All emissions, if any, are released to in-plant environment; no exhaust to outside ambient air. Machining processes are exempt from Rule 336.1201 (Permit-to-Install) pursuant to Rule 336.1285(2)(I).

Aqueous cleaner

One Kendal hot (100 °F) aqueous (water) cleaner (1 ft. D * 2 ft. W * 1 ft. H) is present. It is equipped with a lid and an agitator to improve cleaning. Stryk-It Bio-Clean alkaline solution is added to water as a detergent.

Conclusion

Dura-Sill is NOT operating anymore. Automatic has only Rule 201 exempt processes / equipment.

NAME



DATE



SUPERVISOR



