

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection

N521259522

FACILITY: JESCO INDUSTRIES INC		SRN / ID: N5212
LOCATION: 950 ANDERSON ROAD, LITCHFIELD		DISTRICT: Jackson
CITY: LITCHFIELD		COUNTY: HILLSDALE
CONTACT: Lori Bever , Human Resources & Safety Manager		ACTIVITY DATE: 08/25/2021
STAFF: Brian Carley	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled on-site inspection.		
RESOLVED COMPLAINTS:		

Contact: Lori Bever, Human Resources and Safety Manager

Phone: 517-542-4020

Email: lorib@jescoonline.com

Purpose

This was an announced onsite inspection of Jesco Industries, Inc. This facility is currently operating under PTI Number 557-92A. I arrived at the facility and met with Lori Bever to conduct my inspection.

Background

Jesco Industries, Inc. is a custom fabricator of self-dumping hoppers in various capacities, woven wire mesh partitions, tenant storage lockers, pallet guard wire backs, machine guarding enclosures, and wire mesh enclosures. They currently have two dry filter paint spray booths (coating lines) that are permitted under PTI 557-92A.

Compliance Evaluation

As I drove up to facility, I did not see any visible emissions coming from coating line stacks, which meet the requirements of SC 17. I went in and met with Lori. We went to her office to go over the records that I had requested in an email prior to the inspection. She provided me with how they keep track of their weekly paint usage (see attachment 1) and then she showed me her spreadsheet on how she tracks the VOC content, the amount applied (in gallons), the hazardous air pollutant (HAP) content, and the volume weighted average VOC emission rate in terms of pounds of VOC per gallon of coating (minus water) as applied of each coating they use as required by SC 19. Her spreadsheet was contained all the information required and based on the size of the spreadsheet; I did not require her to print it out for my report. She then provided me with the 12-month rolling average emission rate in tons per year for the coating lines as required by SC 20 (see attachment 2). Based on the records provided, they are way under their limit of 42 tons per year of VOC based on a 12-month rolling average (SC 15). She then gave me the amount in gallons of cleanup and/or purge solvents used and reclaimed as required by SC 21 for the previous 12 months (see attachment 3). There are minimizing the introduction of air contaminants to the outer air with the disposal of collected solvents, coatings, and wastewater by having all the containers covered (see photos 1 and 2) as required by SC 23. The waste is then taken offsite by US Industrial Technologies (formerly Americhem) and she gave me a copy of their receipt of the last load picked up with the total quantity of waste material noted on the receipt (see attachment 4). She also gave me copies of the SDS for the most used acrylic paint and the most used alkyd paint to show where the numbers for the VOC and HAP numbers are taken from for her spreadsheet (see attachment 5 and 6). We then went to the where the coating lines were. The manual station had just finished

painting some hoppers. The filters were green from the overspray, but Lori said that they change the filters every night. The other line (automatic paint spray line) was not operating at the time of inspection and its filters were clean and haven't been used yet. She mentioned that they were planning on getting another coating line that can use spray up to 5 different paints. I told her that I would send her a copy of Rule 287(c) and instructed her that if the new line would not meet these requirements that they would need to get a permit to install before they install it.

Compliance Determination

Based on the information that I received during this inspection, I determined that they were in compliance with their PTI. I thanked her for her time and left.



Image 1(Photo 1) : Covered waste paint containers



Image 2(Photo 2) : Other covered waste paint containers

NAME Brian Culey

DATE 9/9/2021

SUPERVISOR [Signature]