

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

B301952014

FACILITY: QUALITY SPRING TOGO INC		SRN / ID: B3019
LOCATION: 355 JAY ST, COLDWATER		DISTRICT: Kalamazoo
CITY: COLDWATER		COUNTY: BRANCH
CONTACT: Scott Smith , Environmental Management Representative		ACTIVITY DATE: 12/16/2019
STAFF: Chance Collins	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled Inspection		
RESOLVED COMPLAINTS:		

On December 16, 2019 AQD staff traveled to Branch County to perform an inspection of Quality Spring TOGO, Inc. The purpose of the inspection was to determine the facility's compliance with Permit to Install No. 18-04 and applicable state and federal air pollution control regulations. The facility also operates under General Permit No. 272-03. AQD staff noted that the facility produces various flat metal springs and hose clamps. After the flat stock is made into the individual part, the possible operations to each part may include heat treating, shot blasting and coating.

AQD staff arrived on site at 11:00 a.m. to cloudy conditions with a temperature of 29°F with a NNE wind of 0 mph. There were no noticeable odors upon arrival.

The following discusses the findings of the inspection and review of records:

#### Coating Processes

There are currently three manually loaded dip/spin machines (257, 263, and 358) and one automatic enclosed spray booth (403) that exhausts into the same ductwork and stack. Dip/spin machine 257 is in the process of being removed from the plant and will be removed within the next month. The enclosed spray booth (403) is equipped with a filter which is slid out for periodic cleaning.

There are also two 2-stage automatic dip/spin machines located together in the next section of the building (514-515). The first stage uses a pigmented water-based coating (Geomet), while the second stage uses a water based clear coating (Plus 10), each stage has its own natural gas fired cure oven and stack. All four stacks appear to be in compliance with the 1.5 times the building height requirement.

#### Records

Permit	Limit	Actual	Compliant
PTI No. 18-04 (Facility Wide)	90 tons per year VOC	3.18 tons	Yes

General Permit No. 272-03, there is a VOC limit of 30 tons per year which is being met.

#### Heat Treating Ovens

There are various electric and natural gas fired ovens within the plant. All of the ovens appear to be exempt from permitting.

#### Parts Cleaners

Three parts cleaners were observed during the inspection. Each cold cleaner is immersion style. Mineral spirits are used with a 148°F flash point. The units are serviced by and the solvent is supplied by Safety Kleen. The lids on all the cleaners were closed during the inspection and the EGLE orange operating instructions stickers are posted on the cleaners.

#### Shot Peening

There are two shot-peening machines exhausted through settling chamber type pre-cleaners and controlled by a baghouse collector. The baghouse is located and exhausted outdoors. The baghouse is pulse jet cleaned, and the filters are only cleaned when the differential pressure rises to a high-level set

point. A daily log was being kept for the baghouse. The differential pressure for the baghouse was 2" of water at the time of inspection. This is read and logged daily.

NAME  \_\_\_\_\_

DATE 1/10/2020

SUPERVISOR RIL 1/10/20