

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

N112031069

FACILITY: Nisshinbo Automotive Manufacturing		SRN / ID: N1120
LOCATION: 6100 19 Mile Road, STERLING HTS		DISTRICT: Southeast Michigan
CITY: STERLING HTS		COUNTY: MACOMB
CONTACT: Andrew Chomicz , Facility Contact		ACTIVITY DATE: 08/19/2015
STAFF: Rem Pinga	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Minor
SUBJECT: Unannounced Level2 Self-initiated Inspection		
RESOLVED COMPLAINTS:		

On 08/19/2015, I conducted an unannounced level2 self-initiated inspection at Nisshinbo Automotive Manufacturing, Inc. located at 6100 19 Mile Road, Sterling Heights, Michigan 48314. The purpose of this inspection was to determine the facility's 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 administrative rules and the conditions of Permit to Install No. 17-12.

During the inspection, I was accompanied by Mr. Andrew Chomicz, facility contact. During the pre-inspection conference, I conducted the pre-inspection routine of showing my ID Badge, stated the purpose of my visit, and gave Mr. James a copy of the pamphlet "Environmental Inspections: Rights and Responsibilities" to Mr. Chomicz. Several other facility personnel were at the pre-inspection meeting, namely, Satoshi Chikazawa, Business Development Director, Yuji Shishido, Senior Principal Engineer, Tsuyoshi Kondo, Senior Principal Engineer, and another US hired staff.

The company obtained air use Permit to Install No. 17-12 for EUHEATSHEAR and EUMOLDHEATTREAT emission units for this new facility site and AQD voided PTI No. 376-95 for the processes at the former location in the City of Sterling Heights. The facility is an R & D site for the manufacture of metal back disc pads. All manufacturing activities at the former site in the City of Sterling Heights facility are now relocated to an out of state (Georgia) facility. EUHEATSHEAR pertains to the scorching machine with the afterburner control to service the smaller sized equipment utilized in the manufacture of metal backed disc pads for testing either as R & D or prototype. The equipment for testing comprise of a mixer located in the mixing room and controlled by a dust collector exhausted indoors, pre-form room temperature presses, high temperature presses (150°C), ovens utilized for heat treat process (200° C), small powder coating booth, grinding equipment with dust collector exhausted indoors, one shotblast equipment, and the scorching machine with afterburner control. EUMOLDHEATTREAT pertains to the 2 molding processes, 2 heat treat and curing ovens controlled by a scrubber system.

During inspection, I observed the scorching equipment afterburner temperature at 760° C and the main burner temperature at 560°C per PTI No. 17-12 special condition EUHEATSHEAR(IV)(1). Per PTI No. 17-12 special condition EUHEATSHEAR(IV)(2), I observed a continuous paper recording device to record temperatures when the equipment is operating. I obtained sample copies of the chart recorder. Per PTI No. 17-12 special condition EUHEATSHEAR(III)(1), the facility maintains a MAP to

ensure proper operation of the equipment. Per PTI No. 17-12 special condition EUMOLDHEATTREAT(III)(1), a MAP for the emission unit is also maintained. Per PTI No. 17-12 special condition EUMOLDHEATTREAT(IV)(1), the heat treat processes were not running and the scrubber pressure drop read 0.20 inches water. The small powder coat booth had filters exhausted indoors but was not running at the time of the inspection. I also observed 8 electric run dynamometers.

Overall, I did not observe any noncompliance issues during the inspection.

NAME *R/A* DATE *9/10/2015* SUPERVISOR *CJE*