

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

N375333966

FACILITY: SCHNEIDER IRON & METAL, INC.		SRN / ID: N3753
LOCATION: 100 SUPERIOR AVE, KINGSFORD		DISTRICT: Upper Peninsula
CITY: KINGSFORD		COUNTY: DICKINSON
CONTACT: Eric Schneider , Owner		ACTIVITY DATE: 03/25/2016
STAFF: Joel Asher	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Automobile and scrap shredder		
RESOLVED COMPLAINTS:		

On 3/25/2016 I conducted an unannounced inspection at this facility. My contact was Mr. Eric Schneider.

The facility continues to operate their scrap metal shredder permitted under PTI #16-15. The new unit appears to very effective and much quieter than the previous unit.

EU-SHREDDER

SC I.4, I.5, and I.6 Mr. Schneider and I took a walk around the yard to observe the operations from various angles. No visible emissions were observed coming from the shredder, Z-Box or conveyors and transfer points. Only moisture was observed.

SC II.3 restricts the facility from processing batteries through the shredder. These are all separated and stacked on pallets to be sent out for recycling.

SC III.2 requires the proper removal and disposal of all fluids from vehicles prior to shredding. Mr. Schneider explained they do not accept vehicles onsite until the fluids have been drained.

SC III.4 requires the removal of all mercury switches prior to shredding. These are also removed prior to the vehicles coming on site. The facility has a 3 strike policy. If they find the switches still in the cars the vehicle supplier is notified. If they have this issue 3 times with the same vendor they will not accept vehicles from them anymore. This has not been a problem.

SC III.5 requires gas tanks to be flattened or punctured. The tanks are removed from the vehicles prior to being accepted on site.

SC III.8 requires the facility to submit a written compliance plan to the AQD. This was submitted on 6/10/2015.

SC III.9 requires the facility to submit a Malfunction Abatement Plan to the AQD. This was submitted on 6/10/2015.

SC IV.1 and 2 requires the facility to operate the shredder with a Smart Water Injection system and monitor the water injection rate. This is computer controlled. The injection rate is tied to the amperage of the motor and will automatically regulate the water flow. This appears to be very effective as no visible emissions were observed.

No complaints have been received regarding this facility. The new shredder appears to be very effective and efficient at controlling visible emissions.

No violations of PTI #16-15 or the Air Pollution Control Rules were observed during this inspection.

NAME Joel AsherDATE 3/25/16SUPERVISOR Don W. Mahli