



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

360 Degree Metal Recycling, Inc.

www.idem.IN.gov

Mitchell E. Daniels, Jr.

Governor

Thomas W. Easterly

Commissioner

100 North Senate Avenue, Mail Code 50-01, Indianapolis, IN 46204

Phone: (317) 232-8603

Toll Free: (800) 451-6027

Description:

- The Indiana Department of Environmental Management (IDEM) has issued a minor source operating permit (MSOP) to 360 Degree Metal Recycling, Inc. for a new vehicle and metal scrap shredding facility the company is proposing to build and operate at 54400 Smilax Road, in New Carlisle, St. Joseph County, Indiana.
- The vehicle and scrap shredding facility will receive scrap cars and other metals from salvage yards and metal collection businesses. Residents living near the site of the proposed facility have expressed concerns to IDEM about potential air, land, and water pollution from the facility's scrapping and shredding activities.
- This fact sheet provides information about IDEM's role in ensuring that the company understands and can comply with the terms of its environmental air permit, as well as all applicable environmental requirements to prevent and minimize harmful impacts to the air, land, and water.

Environmental Impacts:

- Facilities that shred cars and other metals must evaluate the potential for their activities to generate air emissions, such as fine particles and volatile organic compounds, and ensure that their activities do not cause poor air quality.
- Automotive liquids and mercury can harm land and water. To prevent accidental releases during crushing and shredding activities, facilities must remove automotive liquids and mercury switches from vehicles before crushing and shredding activities. Liquids and other waste materials must be properly managed to prevent the run-off of contaminants in storm water. Facilities are also required to manage other solid wastes, such as tires, in compliance with solid and hazardous waste regulations.

IDEM's Role:

- The Indiana Department of Environmental Management (IDEM) is responsible for protecting human health and the environment while allowing safe industrial, agricultural, commercial, and governmental operations vital to a prosperous economy. In addition to the air permit, the facility must ultimately ensure it addresses the following potential impacts:
 - Fugitive Dust: The facility shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located. IDEM has direct authority to address complaints about fugitive dust at Indiana operations.
 - Construction Storm Water: The facility will be required to obtain a Rule 5 construction storm water permit since more than one acre of land is being disturbed during the facility's construction.
 - Storm and Wastewater Discharge: The facility's planned process and storm water management system will not discharge to regulated surface waters, so a National Pollutant Discharge Elimination System (NPDES) permit is not required. All storm water and process water will be directed to a lined pond and treated through filtration before it is discharged into an unlined pond. The water in the unlined pond will be circulated back into the facility's processes and will provide fire protection water. These ponds are not considered regulated surface waters by the state.
 - Solid waste processing: Based on the information IDEM received about the facility's proposed activities, a solid waste processing permit is not required.



- Hazardous Waste: A business is required to have a hazardous waste permit if it receives off-site hazardous waste or stores hazardous waste generated on-site for more than 90 days. Businesses that generate less than 2,200 pounds of hazardous waste per month may store the waste for up to 180 days under certain conditions. 360 Degree Metal Recycling, Inc. representatives informed IDEM that they will not receive off-site hazardous waste or store any used oil, used gasoline, used antifreeze, industrial waste, or hazardous waste for more than 90 days and will take the following measures to properly manage hazardous materials:
 - All fluids (such as gas, oil, antifreeze, and brake fluid) and air conditioner refrigerants will be removed from the cars before they receive them.
 - Mercury switches and batteries will be removed from the cars before they receive them.
 - The facility has acknowledged that they must evaluate sludges generated from their water filtration process to determine if they are hazardous waste before disposal.
- Air Bags: Deployed airbags and undeployed air bags that were not removed for resale as a replacement part prior to crushing will go through the shredding process. Deployed airbags are not a hazardous waste because the propellant has been expended. Undeployed airbags are considered scrap metal, which is exempt from hazardous waste regulations when directed to a metal reclamation process. IDEM is investigating concerns with the airbag propellant sodium azide. While IDEM recognizes the practice of deploying or removing air bags prior to shredding to address environmental concerns with the propellants, Indiana's regulations do not require it. There are also legitimate safety considerations for workers involved in removing or deploying airbags. The auto industry is working to address these concerns by using safer propellants and by designing cars so that airbags can be safely deployed or removed. IDEM plans to determine whether additional regulation is needed for undeployed airbags in light of these considerations.
- IDEM advises citizens that local governments have the direct authority to address concerns about local issues, including zoning, vehicle traffic on roadways, train traffic, odor, and noise.

Citizen's Role:

- IDEM encourages citizens to remain informed about business activities in their neighborhoods and direct concerns and questions to the appropriate company representatives. Businesses are encouraged to work with neighbors to alleviate concerns or complaints. IDEM compliance and inspection staff will take swift action to resolve problems where business activities are posing a threat to human health or the environment.
- Citizens can learn about IDEM's regulatory programs by visiting the agency's website at www.idem.IN.gov. To report pollution complaints, citizens should contact IDEM's complaint coordinator at (800) 451-6027, ext. 2-4464. Businesses and citizens should report environmental emergencies, such as spills, to IDEM's 24-hour toll free spill line at (888) 233-7745.

Additional Information:

- For additional information regarding 360 Degree Metal Recycling, Inc.'s air permit, please visit IDEM's website at <http://permits.air.idem.IN.gov/30660f.pdf>.
- For additional information regarding shredding and crushing vehicles, please review the Indiana Auto Salvage Manual at www.idem.IN.gov/files/auto_salvage_manual.pdf.
- Citizens may direct questions to Michael Aylesworth, Director of IDEM's Northern Regional Office, at (574) 245-4870.
- For media inquiries, please contact Robert Elstro, IDEM Public Information Officer, at (317) 232-8499, at (800) 451-6027 ext. 2-8499, or by e-mail at relstro@idem.IN.gov.