**IOWA DEPARTMENT OF NATURAL RESOURCES**
**WASTE TIRE PROCESSOR (WTM) PERMIT INSPECTION FORM**

Permit No.: _____ -WTM- _____ - _____ County: _____

Facility Name: _____ Phone Number: _____

Facility Address: _____ City/State/Zip: _____

Responsible Official: _____ Phone Number: _____

Mailing Address: _____ City/State/Zip: _____

Person(s) Present: 1. _____

2. _____

3. _____

Date of This Inspection: _____ Date of Last Inspection: _____

*Be advised your facility may require, due to either SIC code or onsite management practices, an NPDES General Permit #1 (Stormwater permit).

**IAC 567 Chapter 102.409: Waste Tire Processing Facility Operation**

Describe the general processing equipment type/purpose:

Describe the hourly processing capacity of equipment:

Describe daily operating hours of the facility/equipment:

Describe the types of processed material being produced:

| **IAC 567 Chapter 104.409(2): Waste Tire Processing Facility Requirements** | | Yes | No | NA |
|---|---|---|---|---|
| 104.409(2)"a" | Is the site graded to prevent standing pools of water, and to limit run-on of precipitation in all areas where whole waste tire or processed tire materials are stored? | ☐ | ☐ | ☐ |
| 104.409 | Is the site secured by a fence or barrier of 6' or greater in height to impede unauthorized vehicle and personal access? | ☐ | ☐ | ☐ |
| 104.409 | Are all gates and entry points secured and locked when the site personnel are not present? | ☐ | ☐ | ☐ |
| 104.409(2) | Is open burning of any type occurring on the property? (Note: Open burning is prohibited.) | ☐ | ☐ | ☐ |
| 104.409 | Is all fueling of vehicles or equipment, and activities that may release sparks or flame, conducted at least 50' from any tire storage area? | ☐ | ☐ | ☐ |
| 104.409 | Are signs posted every 100' for on-site visibility that state "Open burning on-site prohibited"? | ☐ | ☐ | ☐ |

| | | | | |
|---|---|---|---|---|
| 104.409 | Are signs posted every 100’ on the perimeter of the location, for off-site visibility that state “Highly flammable materials on-site. Burning in area not recommended”? | ☐ | ☐ | ☐ |

**Comments:**

| **IAC 567 Chapter 102.407(2)-(16): Preprocessed Tire Storage Requirements** | | Yes | No | NA |
|---|---|---|---|---|
| 102.407 | Is the quantity of whole waste tires present on site within the allowable three-day pre-processed quantity limitation? (See “conditions of permit” for permitted quantity) | ☐ | ☐ | ☐ |
| 102.407(3) | Are all waste tires processed within 30 days of their deposit at the site? | ☐ | ☐ | ☐ |
| 102.407(3)“e” | Does the facility store pre-processed waste tires **Outdoors**? | ☐ | ☐ | ☐ |
| 102.407(3)“a”(2) | If yes, are all pre-processed waste tire piles outdoors containing not more than 50,000 cubic feet of waste tires? | ☐ | ☐ | ☐ |
| 102.407(3)“a”(3) | If yes, is the vertical dimension of all waste tire piles within the 10’ requirement? | ☐ | ☐ | ☐ |
| 102.407(3)“a”(4) | If yes, are all waste tire piles not more than 100’ in length? | ☐ | ☐ | ☐ |
| 102.407(3)“a”(5) | If yes, is the surface area covered by a waste tire pile less than 5,000 square feet? | ☐ | ☐ | ☐ |
| 102.407(3)“a”(6) | If yes, are 50’ fire lanes being maintained between any two tire piles? | ☐ | ☐ | ☐ |
| 102.407(3)“a”(7) | If yes, are 50’ setbacks from any property line, street, public right-of-way, or building being maintained by waste tire piles onsite? | ☐ | ☐ | ☐ |
| 102.407(3)“a”(12) | If yes, are waste tire piles at least 200’ from any well, lake, pond, river, stream, sinkhole, or tile line surface intake unless appropriate grading, or the construction of a barrier, dike, or berm, is completed to intercept surface water flows that may impact such interceptors. (Note: This distance may then be reduced to 50’.) | ☐ | ☐ | ☐ |
| 102.407(3)“a”(8) | If yes, are trees and brush cleared within 50’ of any tire pile? | ☐ | ☐ | ☐ |
| 102.407(3)“a”(9) | If yes, are all combustible materials or volatile chemicals stored more than 50’ from any tire pile? (Note: If not, they must be in approved, fire-resistant containers) | ☐ | ☐ | ☐ |
| 102.407(3)“a”(10) | If yes, is a 20-pound Class ABC dry chemical fire extinguisher available within 100’ of any one portion of outdoor tire storage areas? | ☐ | ☐ | ☐ |
| 102.407(3)“f” | Does the facility store pre-processed waste tires **Indoors**? | ☐ | ☐ | ☐ |
| 102.407(3)“f” | If yes, are all tires stored indoors at least 20’ from waste tire processing and handling equipment? (Note: This does not apply to tires being actively unloaded from trucks or conveyors while process equipment is operating.) | ☐ | ☐ | ☐ |
| 102.407(3)“f” | If yes, are all tires cleared away at least 20’ from the processing equipment after the end of the last working shift of the day? | ☐ | ☐ | ☐ |
| 102.407(3)“f”(1) | If yes, are less than 25,000 passenger tire equivalents in total stored indoors? | ☐ | ☐ | ☐ |
| 102.407(3)“f”(2) | If yes, are all combustible materials or volatile chemicals stored at least 25’ from any waste tire storage area indoors? (Note: If not, they must be in approved, fire-resistant containers.) | ☐ | ☐ | ☐ |
| 102.407(3)“f”(3) | If yes, is a 20-pound Class ABC dry chemical fire extinguisher available within 50’ of any one portion of indoor tire storage areas? | ☐ | ☐ | ☐ |
| 102.407(3)“f”(4) | If yes, is the tire processing and storage structure secure from unauthorized access during times when site personnel are not present? | ☐ | ☐ | ☐ |

**Comments:**

| IAC 567 Chapter 102.409(4): Processed Tire Storage Requirements | | Yes | No | NA |
|---|---|---|---|---|
| 102.409(4)“a” | Is the total volume of processed tire material stored on-site, at or less than the amount the facility produces within a consecutive 60-day period? (Note: Sites are limited to no more than 5,000 tons (or 500,000 processed tires) of processed material to be stored on site at any one time.) | ☐ | ☐ | ☐ |
| 102.409(4)“c”(1)2 | Are processed tires stored in piles not more than 15’ in height, 100’ in length, and 50’ width with no more than 75,000 cubic feet of product by volume? | ☐ | ☐ | ☐ |
| 102.409(4)“c”(2) | Is a 50’ fire lane maintained between piles of processed material, with the base of the lane kept free from waste tire-derived residuals or other debris? | ☐ | ☐ | ☐ |
| 102.409(4)“c”(3) | Are all processed tire materials stored at least 50’ from any property line, street, public right-of-way or building? | ☐ | ☐ | ☐ |
| 102.409(4)“c”(4) | Are trees and brush at least 50’ from the storage of processed tire material? | ☐ | ☐ | ☐ |
| 102.409(4)“c”(5) | Is a 20-pound Class ABC dry-chemical fire extinguisher available within 100’ of any one portion of the processed tire storage area? | ☐ | ☐ | ☐ |
| 102.409(4)“c”(5)“d” | For indoor storage of more than 5,000 cubic feet of processed tire material, is the material stored on concrete floors, with all retaining walls, bins, barriers, and roofing material constructed of nonflammable materials? | ☐ | ☐ | ☐ |

**Comments:**

| IAC 567 Chapter 102.409(5): Reporting Requirements | | Yes | No | NA |
|---|---|---|---|---|
| 102.409(5) | Is the waste tire processor submitting semi-annual reports to the Department that include: | | | |
| | a. Quantity of waste tires received by the facility during the reporting period? | ☐ | ☐ | ☐ |
| | b. Quantity of waste tires received by the facility from in-state sources? | ☐ | ☐ | ☐ |
| | c. Quantity of waste tires received by the facility from out-of-state sources? | ☐ | ☐ | ☐ |
| | d. Quantity of unprocessed waste tires on hand at the facility at the time of reporting? | ☐ | ☐ | ☐ |
| | e. Quantity of waste tires processed and delivered to end users during the reporting period, by product type, with determinations of quantities or product delivered to identified in-state and out-of-state markets or sites? | ☐ | ☐ | ☐ |
| | f. Quantity of processed tire material currently stored at the facility, by product type? | ☐ | ☐ | ☐ |

**Comments:**

| IAC 567 Chapter 102.409(6): Processed Tire Storage Requirements | | Yes | No | NA |
|---|---|---|---|---|
| 102.409(6)“a” | Are tire bead rings, separated metal wire, synthetic fibers, cording, and “fluff” wastes being disposed of at least every 60 days at a permitted sanitary disposal project, scrap recycler, or location approved by the Department? | ☐ | ☐ | ☐ |
| 102.409(6)“c” | Does the processor have records available on-site that note the most recent disposal date and location for these residuals/waste? | ☐ | ☐ | ☐ |
| 102.409(6)“c” | Are three years of records being maintained by the processing facility with regard to the disposal of these residual wastes? | ☐ | ☐ | ☐ |

**Comments:**

**Check all other materials accepted/activities at the facility:**

- ☐ Recyclables drop-off - glass, paper, plastic, metal
- ☐ Lead Acid Batteries
- ☐ Used Oil
- ☐ Antifreeze
- ☐ White Goods Collection
- ☐ Brown Goods Collection
- ☐ Tires
- ☐ Electronics Collection (including Cathode Ray Tubes)
- ☐ Appliance Demanufacturing
- ☐ Electronics Demanufacturing
- ☐ Yard Waste Composting
- ☐ Yard Waste Collection
- ☐ HHM/RCC
- ☐ Other _____

| Summary of Requirements | Compliance Date |
|---|---|
| 1. | |
| 2. | |
| 3. | |
| 4. | |
| 5. | |

| Summary of Reminders |
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| 1. |
| 2. |
| 3. |
| 4. |
| 5. |

| Summary of Recommendations |
|---|
| 1. |
| 2. |
| 3. |
| 4. |
| 5. |

Inspector: _____ Date: _____

Reviewer: _____ Date: _____

**Facility Photographs (if applicable) - Attach separately**