A04- 0039

National Environmental Achievement Track

Application Form

Bridgestone/Firestone, Inc. Warren Plant
Name of facility

Bridgestone/Firestone, Inc.
Name of parent company (if any)

725 Bridgestone Drive
Street address

Morrison/ Tennessee/ 37357
City/State/Zip code

Give us information about your contact person for the National Environmental Achievement Track Program.

Name Sean S. Fisher

Title Senior Environmental Engineer

Phone (931) 668-5500, Extension 1033

Fax (931) 668-5681

E-mail seanfisher@bfusa.com

Section A

Tell us about your facility.

Why do we need this information?

EPA needs background information on your facility to evaluate your application.

What do you need to do?

- Provide background information on your facili
- Identify your environmental requirements.

1 What do you do or make at your facility?	Truck and Bus Radial Tire Manufacturer
2 List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.	SIC 3011 NAICS 326211
3 Does your company meet the Small Business Administration definition of a small business for your sector?	☐ Yes ☒ No
4 How many employees (full-time equivalents) currently work at your facility?	☐ Fewer than 50 ☐ 50-99 ☐ 100-499 ☒ 500-1,000 ☐ More than 1,000

5 Does your facility have an EPA ID number(s)? ☒ Yes ☐ No

If yes, list in the right-hand column.

TND987784386, 000007871738, 000007338756, 37357BRDGSHWY55, TND987776309, TN0064629, TNR053210

6 Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right *or* enclose a completed Checklist with your application.

See enclosed checklist

7 Check the appropriate box in the right-hand column.

☐ I've listed the requirements above.

☒ I've enclosed the Checklist with my application.

8 Optional: Is there anything else you would like to tell us about your facility?

Bridgestone/Firestone, Inc. (BFS) Warren facility obtained our certificate of approval for compliance with ISO 14001:1996 on January 21, 1999. The BFS-Warren facility has also received the following awards from the Tennessee Department of Environment and Conservation:

- 1995 Governor's Award for Excellence in Hazardous Waste Management
- 1998 Tennessee Industrial Pollution Prevention Award
- 1999 Governor's Award for Excellence in Hazardous Waste Management
- 1999 Tennessee Industrial Pollution Prevention Award

Section B

Tell us about your EMS.

Why do we need this information?

Facilities must have an operating Environmental Management System (EMS) that meets certain requirements.

What do you need to do?

- Confirm that your EMS meets the Achievement Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

1 Check *yes* if your EMS meets the requirements for each element below as defined in the instructions.

a. Environmental policy	☒ Yes
b. Planning	☒ Yes
c. Implementation and operation	☒ Yes
d. Checking and corrective action	☒ Yes
e. Management review	☒ Yes

2 Have you completed at least one EMS cycle (plan-do-check-act)? ☒ Yes

3 Did this cycle include both an EMS and a compliance audit? ☒ Yes

4 Have you completed an objective self-assessment or third-party assessment of your EMS? ☒ Yes

If yes, what method of EMS assessment did you use?

☐ Self-assessment

☐ GEMI ☐ Other

☐ CEMP

☒ Third-party assessment

☒ ISO 14001 Certification

☐ Other

Section C

Tell us about your past achievements and future commitments.

Why do we need this information?

Facilities must show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you qualify as a small facility as defined in the instructions, you are required to report past achievement for at least one environmental aspect.

First aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Hazardous Solid Waste	292	kilograms per year	74	kilograms per year

i. How is the current level an improvement over the previous level?

The current level is a 75% reduction from 1998 and is a 97% reduction from 1996. Reducing hazardous waste generation reduces cost, paperwork, safety considerations and liability associated with hazardous waste.

ii. How did you achieve this improvement?

Collect material with hazardous characteristic(s) from existing processes and recycling the material into the source process. The hazardous waste generation rate was reduced from 2,337 kilograms in 1996 to 74 kilograms in 1999. Examples include reusing cement by collecting previously waste cement and using the material in batches of new cement. Paint waste was eliminated by using the "ends" in paint cans in the newly opened paint can. Thinners when used for cleaning are used to thin paint being used for maintenance activity.

Second aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Air Emissions - Open Burning of wood pallets	4100	wood pallets per year	0	wood pallets per year

i. How is the current level an improvement over the previous level?

The current level is a 100% reduction from the previous level. Discontinuation of wood pallet burning reduces air emissions from pallet burning. Also, community concerns from visible smoke at the facility is eliminated.

ii. How did you achieve this improvement?

Preference is given to materials in returnable containers/pallets. Plastic pallets and metal containers are either reused or sent back to the supplier for a credit. Cardboard pallets are baled on-site and recycled off-site. Wooden pallets are rarely used for incoming materials, but the ones received are collected and recycled off-site.

2 Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this section.

Note to small facilities: If you are a small facility, you are required to make commitments for at least two environmental aspects in two different categories.

First aspect you've selected

a. What is the aspect? Air Emissions of Toxics from cements, solvents, paints and inks.

b. Is this aspect identified as significant in your EMS? ☒ Yes ☐ No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.	☒ Option A: Absolute value	4.3 tons per year (Quantity/Units)
	☐ Option B: In terms of units of production or output	(Quantity/Units)
d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.	☒ Option A: Absolute value	<1 ton per year (Quantity/Units)
	☐ Option B: In terms of units of production or output	(Quantity/Units)
e. How will you achieve this improvement?	Substitute existing cements, solvents, paints and inks that contain hazardous air pollutants (HAPs) with "HAP-free" cements, solvents, paints and inks used in the production of tires. "HAP-free" is defined as less than 1 percent total HAPs by formulation.	

Second aspect you've selected

a. What is the aspect?	Air Emission of VOCs	
b. Is this aspect identified as significant in your EMS?	☒ Yes ☐ No	
c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.	☐ Option A: Absolute value	(Quantity/Units)
	☒ Option B: In terms of units of production or output	45 grams solvent VOC per Tire (Quantity/Units)
d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.	☐ Option A: Absolute value	(Quantity/Units)
	☒ Option B: In terms of units of production or output	42 grams solvent VOC per Tire (Quantity/Units)

e. How will you achieve this improvement?	Continual improvement activities to reduce solvent usage in the manufacture of tires.

Third aspect you've selected

a. What is the aspect?	Solid Waste to Landfill	
b. Is this aspect identified as significant in your EMS?	☒ Yes ☐ No	
c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.	☐ Option A: Absolute value	(Quantity/Units)
	☒ Option B: In terms of units of production or output	0.044 cubic yards waste to landfill per M-lbs rubber produced (Quantity/Units)
d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.	☐ Option A: Absolute value	(Quantity/Units)
	☒ Option B: In terms of units of production or output	0.040 cubic yards waste to landfill per M-lbs rubber produced (Quantity/Units)
e. How will you achieve this improvement?	Continual improvement activities to reduce scrap and sending waste to off-site recycling facilities as appropriate.	

Fourth aspect you've selected

a. What is the aspect?	Water Use – Scrubber Water Recycle	
b. Is this aspect identified as significant in your EMS?	☒ Yes ☐ No	
c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.	☒ Option A: Absolute value	0% recycled water in floor scrubbers (Quantity/Units)
	☐ Option B: In terms of units of production or output	(Quantity/Units)
d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.	☒ Option A: Absolute value	50% recycled water in floor scrubbers (Quantity/Units)
	☐ Option B: In terms of units of production or output	(Quantity/Units)
e. How will you achieve this improvement?	Design and install floor scrubber water treatment system with the capacity to produce treated water that can be reused in floor scrubbers.	

Section D

Tell us about your public outreach and reporting.

Why do we need this information?

Facilities must demonstrate their commitment to publi
outreach and performance reporting. You should have
appropriate mechanisms in place to identify communit
concerns, to communicate with the public, and to prov
information on your environmental performance.

What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

1 How do you identify and respond to community concerns?

The Warren plant welcomes community input and we take several active steps to listen and respond to our community. One way we identify community concerns is through our Community Advisory Committee (CAC). The CAC, which meets approximately every six weeks, provides input and review of the plant's objectives, targets and overall performance. The group consists of representatives from business organizations, education, and local government. The group is encouraged to discuss plant-related issues that concern them or their organization.

The Warren plant has a systematic approach for receiving, documenting and addressing community concerns. Calls from the general public regarding environmental issues are routed to our environmental manager. These calls also include a statement of our Safety, Quality and Environmental Policy. We maintain an internal communications program for soliciting employee suggestions and concerns.

The Warren plant is also involved in a broad range of community activities. Our commitment to organizations, such as the Chamber of Commerce, United Way, American Heart Association, March of Dimes and the American Cancer Society, provides

us a unique opportunity to listen to citizen needs and interests. In addition, the plant participates in the local organization, Partners in Education, that supplies needed financial assistance to local schools.

2 How do you inform community members of important matters that affect them?

The Warren plant is committed to keeping the community informed about important matters that affect them. To reach the general community, we will issue press releases as needed or work directly with the local newspaper and radio stations. We also maintain on-going communications with our CAC through meetings, mailing and telephone calls.

In addition, we keep our employees abreast of key issues through internal department communications and periodic mailings. We also maintain a plant-wide web page. Through these efforts, our employees provide current information to their family and friends.

3 How will you make the Achievement Track Annual Performance Report available to the public?

- ☒ Website www.bfusa.com
- ☐ Newspaper
- ☐ Open Houses
- ☐ Other

4 Are there any ongoing citizen suits against your facility?

☐ Yes ☒ No

If yes, describe briefly in the right-hand column.

5 List references below

	Organization	*Name*	*Phone number*
Representative of a Community/ Citizen Group	Chamber of Commerce	Jim Gray	(931) 473-6611
State/Local Regulator	Tennessee Department of Environment and Conservation	Ernie Blankenship	(615) 741-5262
Other community/local reference	Motlow Community College	Dr. Frank Glass	(931) 393-1682

Section E

Application and Participation Statement

On behalf of Bridgestone/Firestone, Inc. Warren Plant,

I certify that

- I have read and agree to the terms and conditions, as specified in the *National Environmental Achievement Track Program Description* and in the *Application Instructions*;
- I have personally examined and am familiar with the information contained in this Application (including, if attached, the Environmental Requirements Checklist). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the Achievement Track EMS requirements, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Achievement Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date _____ (9/27/00)

Printed Name/Title Isaac Motohashi / Plant Manager

Facility Name Bridgestone/Firestone, Inc. Warren Plant

Facility Street Address 725 Bridgestone Drive
Morrison, Tennessee 37357

Facility ID Numbers TND987784386, 000007871738, 000007338756, 37357BRDGSHWY55, TND987776309, TN0064629, TNR053210

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK or e-mail ptrack@indecon.com. Mail completed applications to:

The Performance Track Information Center
c/o Industrial Economics Incorporated
2067 Massachusetts Avenue
Cambridge, MA 02140

National Environmental Achievement Track

Environmental Requirements Checklist

The following Checklist is provided to assist facilities in answering Section A, "Tell us about your facility," Question 6. The Checklist is given to help facilities identify the major federal, state, tribal, and local environmental requirements applicable at their facilities. The Checklist is not intended to be an exhaustive list of all environmental requirements that may be applicable at an individual facility.

If you use this Checklist and choose to submit it with your application, fill in your facility information below and enclose the completed Checklist with your application (see instructions).

Facility Name	Bridgestone/Firestone, Inc. Warren Plant
Facility Location:	725 Bridgestone Drive, Morrison, TN 37357
Facility ID Number(s): *(attach additional sheets if necessary)*	TND987784386, 000007871738, 000007338756, 37357BRDGSHWY55, TND987776309, TN0064629, TNR053210

Air Pollution Regulations	Check All That Apply
1. National Emission Standards for Hazardous Air Pollutants (40 CFR 61)	☐
2. Permits and Registration of Air Pollution Sources	☒
3. General Emission Standards, Prohibitions and Restrictions	☒
4. Control of Incinerators	☐
5. Process Industry Emission Standards	☒
6. Control of Fuel Burning Equipment	☒
7. Control of VOCs	☒
8. Sampling, Testing and Reporting	☒
9. Visible Emissions Standards	☒
10. Control of Fugitive Dust	☒
11. Toxic Air Pollutants Control	☒
12. Vehicle Emissions Inspections and Testing	☐
Other Federal, State, Tribal or Local Air Pollution Regulations Not Listed Above (identify)	
13. TAPCR 1200-3-5 Visible Emission Regulations TAPCR 1200-3-7 Process Emission Standards TAPCR 1200-3-0 Construction and Operarting Permits note: TAPCR - Tennessee Air Pollution Control Regulation	☒
14. TAPCR 1200-3-6 Non-Process Emission Standards TAPCR 1200-3-14 Control of Sulfur Dioxide TAPCR 1200-3-10 Required Sampling, Recording and Reporting	☒

Hazardous Waste Management Regulations

1. Identification and Listing of Hazardous Waste (40 CFR 261)
   - Characteristic Waste ☒
   - Listed Waste ☒
2. Standards Applicable to Generators of Hazardous Waste (40 CFR 262)
   - Manifesting ☒
   - Pre-transport requirements ☒
   - Record keeping/reporting ☒
3. Standards Applicable to Transporters of Hazardous Waste (40 CFR 263)
   - Transfer facility requirements ☐
   - Manifest system and record-keeping ☐
   - Hazardous waste discharges ☐
4. Standards for Owners and Operators of TSD Facilities (40 CFR 264)
   - General facility standards ☐
   - Preparedness and prevention ☐
   - Contingency plan and emergency procedures ☐
   - Manifest system, Record keeping and reporting ☐
   - Groundwater protection ☐
   - Financial requirements ☐
   - Use and management of containers ☐
   - Tanks ☐
   - Waste piles ☐
   - Land treatment ☐
   - Incinerators ☐
5. Interim Status Standards for TSD Owners and Operators (40 CFR 265) ☐
6. Interim Standards for Owners and Operators of New Hazardous Waste Land Disposal Facilities (40 CFR 267) ☐
7. Administered Permit Program (Part B) (40 CFR 270) ☐

Other Federal, State, Tribal or Local Hazardous Waste Management Regulations Not Listed Above (identify)

8. TAPCR 1200-1-11 Hazardous Waste Management ☒
9. ☐

Hazardous Materials Management

1. Control of Pollution by Oil and Hazardous Substances (33 CFR 153) ☐
2. Designation of Reportable Quantities and Notification of Hazardous Materials Spill (40 CFR 302) ☒
3. Hazardous Materials Transportation Regulations (49 CFR 172-173) ☒
4. Worker Right-to-Know Regulations (29 CFR 1910.1200) ☒
5. Community Right-to-Know Regulations (40 CFR 350-372) ☒

Other Federal, State, Tribal or Local Hazardous Materials Management Regulations Not Listed Above (identify)

6. ☐
7. ☐

Solid Waste Management

1. Criteria for Classification of Solid Waste Disposal Facilities and Practices (40 CFR 257) ☐
2. Permit Requirements for Solid Waste Disposal Facilities ☐
3. Installation of Systems of Refuse Disposal ☐
4. Solid Waste Storage and Removal Requirements ☒
5. Disposal Requirements for Special Wastes ☒

Other Federal, State, Tribal or Local Solid Waste Management Regulations Not Listed Above (identify)

6. TAPCR 1200-1-7 Solid Waste Processing and Disposal ☒
7. ☐

Water Pollution Control Requirements

1. Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112) ☒
2. Designation of Hazardous Substances (40 CFR 116) ☐
3. Determination of Reportable Quantities for Hazardous Substances (40 CFR 117) ☒
4. NPDES Permit Requirements (40 CFR 122) ☒
5. Toxic Pollutant Effluent Standards (40 CFR 129) ☐
6. General Pretreatment Regulations for Existing and New Sources (40 CFR 403) ☒
7. Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414) ☐
8. Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 415) ☐
9. Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416) ☐
10. Water Quality Standards ☒
11. Effluent Limitations for Direct Dischargers ☒
12. Permit Monitoring/Reporting Requirements ☒
13. Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants ☐
14. Collection, Handling, Processing of Sewage Sludge ☐
15. Oil Discharge Containment, Control and Cleanup ☐
16. Standards Applicable to Indirect Discharges (Pretreatment) ☐

Other Federal, State, Tribal or Local Water Pollution Control Regulations Not Listed Above (identify)

17. TAPCR 1200-4-5 Effluent Limitations and Standards ☒
    TAPCR 1200-4-10 NPDES; General Permits
18. TAPCR 1200-4-11 Environmental Protection Fees ☒

Drinking Water Regulations

1. Underground Injection and Control Regulations, Crieria and Standards (40 CFR 144, 146) ☐
2. National Primary Drinking Water Standards (40 CFR 141) ☐
3. Community Water Systems, Monitoring and Reporting Requirements (40 CFR 141) ☐
4. Permit Requirements for Appropriation/Use of Water from Surface or Subsurface Sources ☐
5. Underground Injection Control Requirements ☐
6. Monitoring, Reporting and Record keeping Requirements for Community Water Systems ☐

Other Federal, State, Tribal or Local Drinking Water Regulations Not Listed Above(identify)

7. ☐
8. ☐

Toxic Substances

1. Manufacture and Import of Chemicals, Record keeping and Reporting Requirements (40 CFR 704) ☐
2. Import and Export of Chemicals (40 CFR 707) ☒
3. Chemical Substances Inventory Reporting Requirements (40 CFR 710) ☒
4. Chemical Information Rules (40 CFR 712) ☐
5. Health and Safety Data Reporting (40 CFR 716) ☐
6. Pre-Manufacture Notifications (40 CFR 720) ☐
7. PCB Distribution Use, Storage and Disposal (40 CFR 761) ☐
8. Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762) ☐
9. Storage and Disposal of Waste Material Containing TCDD (40 CFR 775) ☐

Other Federal, State, Tribal or Local Toxic Substances Regulations Not Listed Above (identify)

10. Allegations/Significant Adverse Reactions (40 CFR 717) ☒
11. ☐

Pesticide Regulations

1. FIFRA Pesticide Use Classification (40 CFR 162) ☐
2. Procedures for Disposal and Storage of Pesticides and Containers (40 CFR 165) ☐
3. Certification of Pesticide Applications (40 CFR 171) ☐
4. Pesticide Licensing Requirements ☐
5. Labeling of Pesticides ☐
6. Pesticide Sales, Permits, Records, Application and Disposal Requirements ☐
7. Disposal of Pesticide Containers ☐
8. Restricted Use and Prohibited Pesticides ☐

Other Federal, State, Tribal or Local Pesticides Regulations Not Listed Above (identify)

9. ☐
10. ☐

Environmental Clean-Up, Restoration, Corrective Action

1. Comprehensive Environmental Response, Compensation and Liability Act (Superfund) (identify)

☐
☐

2. RCRA Corrective Action (identify)

☐
☐

Other Federal, State, Tribal or Local Environmental Clean-Up, Restoration, Corrective Action Regulations Not Listed Above (identify)

3. ☐
4. ☐