TEIJIN AUTOMOTIVE TECHNOLOGIES
NORTH CAROLINA COMPOSITES, LLC.
13811 Roth Road
Grabill, IN 46741

July 2, 2024

Indiana Department of Environmental Management
Office of Air Quality
Compliance and Enforcement Branch
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Subject: SEMIANNUAL COMPLIANCE REPORT, FIRST HALF OF 2024
40 CFR PART 63, SUBPART WWWW
Title V Operating Permit: 003-44515-00059

Dear Sir/Madam:

Enclosed is the Semi-annual MACT Compliance Report for the FIRST half of 2024 at our Grabill, Indiana facility.

Should you have any further questions, please contact Dina Graham, our VP of Environmental Legal Affairs, Health and Safety at (248) 237-7879.

Sincerely,

7-2-24

Mark Schroeder
Plant Manager
Teijin Automotive Technologies
North Carolina Composites, LLC.
13811 Roth Road, Grabill, IN 46741

SEMIANNUAL COMPLIANCE REPORT
40 CFR PART 63, SUBPART WWWW

SECTION I GENERAL INFORMATION

Operating Permit Number	Facility ID Number
003-44515-00059	003-00059

Source Name: Teijin Automotive Technologies North Carolina Composites, LLC

Facility Location (Street Address): 13811 Roth Road

City	State	Zip
Grabill	IN	46741

Facility Local Contact Name	Title	Phone
Mark Schroeder	Plant Manager	(260) 627-0890 Ext. 6809

Mailing Address (if different than Location):

City	State	Zip

Basis for this notification (relevant standard or other requirement)	Compliance Period *
40 CFR 63, Subpart WWWW, Reinforced Plastic Composites Production	1-1-2024 to 6-30-2024

* Semi-annual Reports are due according to the following schedule:
For the compliance period of 1/1/ to 6/30 of each year the report is due on or before 7/31 of the same year.
For the compliance period of 7/1/ to 12/31 of each year the report is due on or before 1/31 of the next year.
Note: The initial (very first) semiannual report is due based on your compliance date. See Subpart WWWW.

SECTION II CERTIFICATION

Based upon information and belief formed after a reasonable inquiry, I, as a responsible official of the aforementioned facility, certify that the information contained in this report is accurate and true to the best of my knowledge.

Name of Responsible Official	Title	Date
Mark Schroeder	Plant Manager	7-2-2024

Signature of the Responsible Official

Note: Responsible official is defined under 63.2 as any of the following: the president, VP, secretary, or treasurer of the company that owns the plant; the owner of the plant; the plant engineer or supervisor; a government official of the plant is owned by the Federal, State, City, or County Government or a ranking military officer if the plant is located on a military installation.

SECTION III-A COMPLIANCE

Compliance Statement: During this compliance period, the aforementioned facility (has / has not) **has** complied with all applicable requirements of Subpart WWWW. [63.9(h)(2)(i)(G)]

NOTE: If "has not" was entered you must also fill out Section XI - Deviations.

SECTION III-B COMPLIANCE

Additional Compliance Information: Describe the methods you used to determine compliance. [63.9(h)(2)(i)(A)]

WORK PRACTICE STANDARDS

X	The source does not use cleaning solvents that contain HAP. Except styrene may be used as a cleaner in closed systems, and organic HAP containing cleaners may be used to clean **cured** resin from application equipment. Application equipment includes any equipment that directly contacts resin.	
X	The source has maintained all HAP containing storage containers closed or covered except when adding or removing materials. Bulk storage tanks are vented only as necessary for safety.	
X	The source has complied with the work practice standards for Mixing operations and/or BMC manufacturing by:	
	X	Using mixing covers with no visible gaps present in the mixing covers except that gaps of up to one (1) inch are used around the mixing shafts and any required instrumentation
	X	All mixer vents are closed while actual mixing occurs except for venting that occurs during the addition of materialsor as necessary prior to adding materials or opening the cover for safety. Vents routed to a 95 percent efficient control device are exempt from this requirement.
	X	All mixer covers are closed while actual mixing occurs except during the addition of materials or changing mixing covers
X	The source has complied with the work practice standards for Closed Molding and/or SMC manufacturing by:	
	NA	New or existing closed molding operation using compres-sion/injection molding: Uncover, unwrap or expose only one charge per mold cycle per compression/in-jection molding machine. For machines with multiple molds, one charge means sufficient material to fill all molds for one cycle. For machines with robotic loaders, no more than one charge may be exposed prior to the loader. For machines fed by hoppers, sufficient material may be uncovered to fill the hopper. Hoppers must be closed when not adding materials. Materials may be uncovered to feed to slitting machines. Materials must be recovered after slitting.
	X	Existing or new SMC manufacturing operation: Close or cover the resin delivery system to the doctor box on each SMC manufacturing machine. The doctor box itself may be open. And, use a nylon containing film to enclose SMC.

Describe the results of any performance tests, opacity or visible emission observations, continuous monitoring system performance evaluations, and/or other monitoring procedures or methods that were conducted. [63.9(h)(2)(i)(B)]

X	No performance tests, opacity or visible emission observations, or continuous monitoring system performance evaluations were conducted or required during the compliance period.

SECTION IV

Describe the methods you will use to determine continuous compliance, including a description of monitoring and reporting requirements and test methods. [63.9(h)(2)(i)(c)]

X	The source will continue to only use cleaning materials (except styrene in closed systems and materials used to clean cured resin from application equipment) that contain no organic HAP.	
X	The source will continue to maintain all HAP containing storage containers closed or covered except when adding or removing materials. Bulk storage tanks will only be vented only as necessary for safety.	
X	The source will comply with the work practice standards for Mixing operations and/or BMC manufacturing by:	
	X	Using mixing covers with no visible gaps present in the mixing covers except that gaps of up to one (1) inch are used around the mixing shafts and any required instrumentation
	X	All mixer vents are closed while actual mixing occurs except for venting that occurs during the addition of materialsor as necessary prior to adding materials or opening the cover for safety. Vents routed to a 95 percent efficient control device are exempt from this requirement.
	X	All mixer covers are closed while actual mixing occurs except during the addition of materials or changing mixing covers
X	The source will comply with the work practice standards for Closed Molding and/or SMC manufacturing by:	
	NA	New or existing closed molding operation using compres-sion/injection molding: Uncover, unwrap or expose only one charge per mold cycle per compression/in-jection molding machine. For machines with multiple molds, one charge means sufficient material to fill all molds for one cycle. For machines with robotic loaders, no more than one charge may be exposed prior to the loader. For machines fed by hoppers, sufficient material may be uncovered to fill the hopper. Hoppers must be closed when not adding materials. Materials may be uncovered to feed to slitting machines. Materials must be recovered after slitting.
	X	Existing or new SMC manufacturing operation: Close or cover the resin delivery system to the doctor box on each SMC manufacturing machine. The doctor box itself may be open. And, use a nylon containing film to enclose SMC.

SECTION V

Describe the type and quantity of HAP emitted by the source (or surrogate pollutants if specified in the relevant standard), reported in units and averaging times and in accordance with the test methods specified in the relevant standard. [63.9(h)(2)(i)(D)]

Source ID	Source Location	Source Description	HAPs Used Examples: Styrene, Methyl Methacrylate (MMA)	HAPs (tons) emissions*
003-00059	Allen County	Manufacturing SMC	Styrene	12.00
003-00059	Allen County	Mixing Operations	Styrene	1.49

* Based upon most recent Calendar Year Actual Emissions for all resin & gel coat usage. (Jan 1 - Jun 30, 2024)

SECTION VI

If the relevant standard applies to both major and area sources, you must attach an analysis demonstrating whether the affected source is a major source (using the emissions data generated for this notification. [63.9(h)(2(i)(E)]

X	This source has potential HAP emissions of greater than 10 tons of a single HAP or 25 tons of combined HAP per year.
NA	This source is an area source that has recently become a major source.

SECTION VII

Describe the air pollution control equipment (or method) for each emission point, including each control devise (or method) for each HAP and the control efficiency (percent) for each control devise (or method). [63.9(h)(2)(i)(F)]

X	The source does not use control equipment to comply with this regulation.

SECTION VIII

Did you change compliance methods during this semiannual compliance period?

YES		NO	X	NA

If yes, explain which processes and compliance options changed below. (Attach additional sheets if needed.)

SECTION IX

Did you submit an application for construction or reconstruction under 63.5(d) that contained preliminary or estimated data? [63.9(h)(5)]

YES		NO	X	NA	

If you answered yes, provide actual emission data or other corrected information below. (Attach additional sheets if needed.)

SECTION X - Deviations

Were there any deviations during this compliance period?

YES		NO	X	NA	

If YES, describe the deviations, the extent of the deviation, and whether or not the deviation has been corrected.(Attach additional sheets if needed.)

SECTION XII - Additional Information

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Extremely Urgent

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INDIANAPOLIS IN 46204
(317) 232-8603 REF:
INV:
PO: DEPT:

ORIGIN ID:FWAA (260) 627-0090
MARNIE WOODWARD
TEIJIN AUTOMOTIVE TECHNOLOGIES
13811 ROTH ROAD

GRABILL, IN 46741
UNITED STATES US

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