SC DEPARTMENT of ENVIRONMENTAL SERVICES

Bureau of Air Quality
Title V Operating Permit

Michelin North America Inc Sandy Springs Facility (US2)
6301 Highway 76
Sandy Springs, South Carolina 29677
Anderson County

In accordance with the provisions of the Pollution Control Act, Sections 48-1-50(5), 48-1-100(A), and 48-1-110(a), the 1976 Code of Laws of South Carolina, as amended, and South Carolina Regulation 61-62, Air Pollution Control Regulations and Standards, the Bureau of Air Quality authorizes the operation of this facility and the equipment specified herein in accordance with valid construction permits, and the plans, specifications, and other information submitted in the Title V permit application received on April 01, 2020, as amended. All official correspondence, plans, permit applications, and written statements are an integral part of the permit. Any false information or misrepresentation in the application for a construction permit may be grounds for permit revocation.

The operation of this facility is subject to and conditioned upon the terms, limitations, standards, and schedules contained herein or as specified by this permit and its accompanying attachments.

Permit Number:	**TV-0200-0018 v2.0**
Agency Air Number:	**0200-0018**
Issue Date:	**August 6, 2025**
Effective Date:	**September 1, 2025**
Expiration Date:	**August 31, 2030**

Steve McCaslin, P. E., Director
Air Permitting Division
Bureau of Air Quality

RECORD OF REVISIONS

Date	Type	Description of Changes

AA Administrative Amendment
MM Minor Modification
SM Significant Modification

A. EMISSION UNIT(S), EQUIPMENT, AND CONTROL DEVICE(S)

Emission Unit ID	Emission Unit Description
01	Filler Transport Lines 1-4 and Rubber Groups 1-8 & 10-12
15	Block Weighing and Gluing
16	Textile Tissue
18	MACBU
19	Boilers
20	Wire Component Process
23	Metallic Tissue Line
24	ABU 1 & 2, SPBU, MPBU and manual BU

Equipment and control device capacities provided under the Description columns of Equipment and Control Device Tables below are not intended to be permit limits unless otherwise specified within the Table "Limitations, Monitoring, and Reporting." However, this condition does not exempt the facility from the construction permitting process, from PSD review, nor from any other applicable requirements that must be addressed prior to increasing production rates.

A.1 EQUIPMENT FOR EMISSION UNIT 01 – Filler Transport Lines 1-4 and Rubber Groups 1-8 & 10-12

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
Carbon Black and Silica Transport Lines 1-4				
FIL1	Carbon Black Filler Transport Line 1 & Inherent Cartridge Dust Collectors F1, F2 & F3	1975/1980	None	411 CD01 411 CD02 430 ZD10
FIL2	Carbon Black Filler Transport Line 2 & Inherent Cartridge Dust Collectors F4, F5, & F6	1975/1980	None	411 CD03 411 CD04 430 ZD11
FIL3	Carbon Black Filler Transport Line 3, Storage Silos, & Inherent Cartridge Dust Collectors F7 and F8	1990	None	411 CD05
CB3 SP103F	Carbon Black Storage Bin (Vent inside)	1990	None	ZD17
CB3 SP104F	Carbon Black Storage Bin (Vent inside)	1990	None	ZD18
CB3 SP105F	Carbon Black Storage Bin (Vent inside)	1990	None	ZD19
CB3 SP106F	Carbon Black Storage Bin (Vent inside)	1990	None	ZD20
FIL4	Silica Transport Line 4, Storage Silos, and Bins: Intermediate Receiver 1 Filter Storage Silo 7/8 Filter Intermediate Receiver 2 Filter Day Bin SP1 Filter Day Bin SP7 Filter	1997	None	411 CD06 411 CD07 411 CD09 430 CD29 430 CD30
Rubber Groups				
GP1 MILL	Group 1 HA & HF Mills & Inherent Baghouse X-3	1975/2008	None	430 ZD03

A.1 EQUIPMENT FOR EMISSION UNIT 01 – Filler Transport Lines 1-4 and Rubber Groups 1-8 & 10-12

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
GP1MIX/GP3 MIX	Group 1 Mixer & Group 3 Mixer & Inherent Baghouse X-6	1975/1979/ 2008	None	430 ZD06
GP2 MIX/MILL	Group 2 HA & HF Mills & Inherent Baghouse X-4	1975/2008	None	430 ZD04
GP2MIX/GP8 MIX	Group 2 Mixer & Group 8 Mixer & Inherent X-7 Baghouse (Boilers voluntarily used for Group 8 odor control)	1975/2008	Voluntary BOIL1, BOIL2	430 ZD07
GP3 MIX	Group 3 - Transfer Inherent Baghouse X-5a and X-5b	1979/2008	None	430 ZD05
GP3 HF MILL	Group 3 HF Mills	1979	None	430 ZM01 430 ZM02 430 ZM03 430 ZM04
GP4 MIX	Group 4 Mixer and HA Mill & Inherent Baghouse X-8	1981/2008	None	430 ZD08
GP4 HF MILL	Group 4 HF Mills	1981/2008	None	430 ZM05 430 ZM06 430 ZM07 430 ZM08
GP5 MIX	Group 5 Mixer & HA Mill & Inherent X50 Baghouse	1991/2008	None	430 ZD09
GP5 HF MILL	Group 5 HF Mills	1991/2008	None	430 ZM09 430 ZM10 430 ZM11 430 ZM12
GP6 MIX	Group 6 Mixer & HF Mills & Group 7 Filler Weighing	1975/1996/ replaced 2010	ZD06DP (X-1)	430 ZD01
GP7 MIX	Group 7 Mixer & HA Mill & Inherent Baghouse X-70	1975/1996/ mixer replaced 2018	None	430 ZD22
GP7 Tran	Group 7 transfer - X-2 Baghouse (no longer operational)	1975/1996	None	430 ZD02
GP7 HF MILL	Group 7 HF Mills	1975/1996	None	430 ZM13 430 ZM14 430 ZM15 430 ZM16
GP10 MIX	Group 10 Mixer	1990/2004	ODP10 (DG1)	430 ZD12
GP10 MILL	Group 10 Mills	1990	None	ZX01
GP11 CB	Group 11 CB Weighing & Inherent Baghouse DC1	1998	None	441 ZD24
GP11 MIX	Group 11 Mixer and HA Mill & Inherent Baghouse DC2	1998	None	441 ZD25
GP11 ZO	Group 11 Zinc oxide Weighing & Inherent Baghouse DC5	1998	None	441 ZD31

A.1 EQUIPMENT FOR EMISSION UNIT 01 – Filler Transport Lines 1-4 and Rubber Groups 1-8 & 10-12

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
GP11 BIN	Carbon Black Transport Line 3, Group 11 Silo Day Bin Filters: SP1-1, SP1-2, SP1-3, SP1-4, SP1-5, SP1-7, SP1-8, SP1-9, SP10, SP11	1998	None	441 ZD32 441 ZD33 441 ZD34 441 ZD35 441 ZD36 441 ZD39 441 ZD40 441 ZD41
GP11 HF MILL	Group 11 HF Mills	1998	None	442 ZM17 442 ZM18 442 ZM19 442 ZM20
GP12	Group 12 Mixer & Inherent Baghouse ZA01 (Used voluntarily for control)	1998, 2008, replaced 2012	Voluntary BOIL1, BOIL2	440 ZA01

A.2 CONTROL DEVICE(S) FOR EMISSION UNIT 01 – Filler Transport Lines 1-4 and Rubber Groups 1-8 & 10-12

Control Device ID	Control Device Description	Pollutant(s) Controlled	Installation Date	Emission Point ID
ZD06DP (X-1)	Group 6/Group7 Pulse Jet Baghouse	Metallic HAP, PM, PM_{10}, $PM_{2.5}$	1975/1996, replaced 2010	430 ZD01
ODP10 (DG1)	Group 10 (Pulse Baghouse)	Metallic HAP, PM, PM_{10}, $PM_{2.5}$	1990/2004	430 ZD12

A.3 EQUIPMENT FOR EMISSION UNIT 15 – Block Weighing and Gluing

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
Glue	Block Weighing and Gluing Process	1975	None	None

EQUIPMENT FOR EMISSION UNIT 16 – Textile Tissue

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
TEX	Textile Tissue Process (Mixer, Calender, Mill)	1978	None	PC01 PZ01 PM01

A.4 EQUIPMENT FOR EMISSION UNIT 18 – MACBU

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
MACBU	MACBU System	2001	ZAM6DC	MB01

A.5 CONTROL DEVICE(S) FOR EMISSION UNIT 18 – MACBU

Control Device ID	Control Device Description	Pollutant(s) Controlled	Installation Date	Emission Point ID
ZAM6DC	MACBU Torit DCE Unicell C72 Cartridge collector	2001	Metallic HAP, PM, PM_{10}, $PM_{2.5}$	MB01

A.6 EQUIPMENT FOR EMISSION UNIT 19 – Boilers

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
BOIL1	55.2 million BTU/hr Natural Gas Fired Boiler 1	1975	None	NB01
BOIL2	108 million BTU/hr Natural Gas Fired Boiler 2	1976/1990	None	NB02

A.7 EQUIPMENT FOR EMISSION UNIT 20 – Wire Component Process

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
DRY DRAW	Dry Drawing Cable Machines	1978	DD 331 DC505 DD 331 DC506	331 RD05 331 RD06
ZNELEC	Zinc Electroplating	1978	None	331 RE16 331 RE64 331 RE65 331 RE65 331 RE88 331 RE89 331 RE90 331 RE91

A.8 CONTROL DEVICE(S) FOR EMISSION UNIT 20 – Wire Component Process

Control Device ID	Control Device Description	Pollutant(s) Controlled	Installation Date	Emission Point ID
DD 331 DC505	Dry Drawing (DCE, Inc. Dalmatic DLM2/6/15)	PM, PM_{10}, $PM_{2.5}$	1978/1990	331 RD05

A.8 CONTROL DEVICE(S) FOR EMISSION UNIT 20 – Wire Component Process

Control Device ID	Control Device Description	Pollutant(s) Controlled	Installation Date	Emission Point ID
DD 331 DC506	Dry Drawing (DCE, Inc. Dalmatic DLM2/6/15)	PM, PM_{10}, $PM_{2.5}$	1978/1990	331 RD06

A.9 EQUIPMENT FOR EMISSION UNIT 23 – Metallic Tissue Line

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
MET	Metallic Tissue Process Line (placifiers, warm-up mill and Calender)	2004	None	470 HC01 470 HC02

A.10 EQUIPMENT FOR EMISSION UNIT 24 –ABU 1 & 2, SPBU, MPBU and manual BU

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
ABU	ABU Lines 1 & 2	1978	430 DC25A	ZD44
MPBU	Manual BU Line	1978	430 DC25A	ZD44
SPBU	Specialty BU Line	1978	430 DC25A	ZD44

A.11 CONTROL DEVICE(S) FOR EMISSION UNIT 24 –ABU 1 & 2, SPBU, MPBU and manual BU

Control Device ID	Control Device Description	Pollutant(s) Controlled	Installation Date	Emission Point ID
430 DC25A	Cartridge Dust Collector	Metallic HAP, PM, PM_{10}, $PM_{2.5}$	1999/2005	ZD44

B. LIMITATIONS, MONITORING, AND REPORTING

Condition Number	Conditions
B.1	**Emission Unit ID:** 01, 18, 20, 24 **Equipment ID:** FIL1, FIL2, FIL3, GP1 MILL, GP1MIX/GP3 MIX, GP2 MIX/MILL, GP2MIX/GP8 MIX, GP3 MIX, GP4 MIX, GP5 MIX, GP6 MIX, GP7 MIX, GP10 MIX, GP11 CB, GP11 MIX, GP11 ZO, GP12, MACBU, DRY DRAW, ABU, MPBU, SPBU **Control Device ID:** F1, F2, F3, F4, F5, F6, F7, F8, X-3, X-6, X-4, X-7, X-5a/X-5b, X-8, X-50, ZD06DP (X-1), X-70, ODP10 (DG1), DC1, DC2, DC5, ZA01, ZAM6DC, DD 331 DC505, DD 331 DC506, 430 DC25A The owner or operator shall inspect, calibrate, adjust, and maintain continuous monitoring systems, monitoring devices, and gauges in accordance with manufacturer's specifications or good

B. LIMITATIONS, MONITORING, AND REPORTING	
Condition Number	**Conditions**
	engineering practices. The owner or operator shall maintain on file all measurements including continuous monitoring system or monitoring device performance measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required in a permanent form suitable for inspection by Department personnel. (S.C. Regulation 61-62.1, Section II(J)(1)(d)) Sources required to have continuous emission monitors shall submit reports as specified in applicable parts of the permit, law, regulations, or standards.
B.2	**Emission Unit ID:** 01, 18, 20, 24 **Equipment ID:** FIL1, FIL2, FIL3, GP1 MILL, GP1MIX/GP3 MIX, GP2 MIX/MILL, GP2MIX/GP8 MIX, GP3 MIX, GP4 MIX, GP5 MIX, GP6 MIX, GP7 MIX, GP10 MIX, GP11 CB, GP11 MIX, GP11 ZO, GP12, MACBU, DRY DRAW, ABU, MPBU, SPBU **Control Device ID:** F1, F2, F3, F4, F5, F6, F7, F8, X-3, X-6, X-4, X-7, X-5a/X-5b, X-8, X-50, ZD06DP (X-1), X-70, ODP10 (DG1), DC1, DC2, DC5, ZA01, ZAM6DC, DD 331 DC505, DD 331 DC506, 430 DC25A All gauges shall be readily accessible and easily read by operating personnel and Department personnel (i.e. on ground level or easily accessible roof level). Monitoring parameter readings (e.g., pressure drop readings, flow rates, etc.) and inspection checks shall be maintained in logs (written or electronic), along with any corrective action taken when deviations occur. Each occurrence of operation outside the operational ranges, including date and time, cause, and corrective action taken, shall be recorded, and kept on site. Exceedance of operational range shall not be considered a violation of an emission limit of this permit, unless the exceedance is also accompanied by other information demonstrating that a violation of an emission limit has taken place. Reports of these occurrences shall be submitted semiannually. If there were no occurrences during the reporting period, then documentation shall be submitted to indicate such. Any alternative method for monitoring control device performance must be preapproved by the Department and shall be incorporated into the permit as set forth in S.C. Regulation 61-62.70.7.
B.3	**Emission Unit ID:** Facility-wide For any source test required under an applicable standard or permit condition, the owner, operator, or representative shall comply with S.C. Regulation 61-62.1, Section IV - Source Tests. Unless approved otherwise by the Department, the owner, operator, or representative shall ensure that source tests are conducted while the source is operating at the maximum expected production rate or other production rate or operating parameter which would result in the highest emissions for the pollutants being tested. Some sources may have to spike fuels or raw materials to avoid being subjected to a more restrictive feed or process rate. Any source test performed at a production rate less than the rated capacity may result in permit limits on emission rates, including limits on production if necessary. When conducting source tests subject to this section, the owner, operator, or representative shall

B. LIMITATIONS, MONITORING, AND REPORTING	
Condition Number	**Conditions**
	provide the following: • Department access to the facility to observe source tests; • Sampling ports adequate for test methods; • Safe sampling site(s); • Safe access to sampling site(s); • Utilities for sampling and testing equipment; and • Equipment and supplies necessary for safe testing of a source. The owner or operator shall comply with any limits that result from conducting a source test at less than rated capacity. A copy of the most recent Department issued source test summary letter, whether it imposes a limit or not, shall be maintained with the operating permit, for each source that is required to conduct a source test. Site-specific test plans and amendments, notifications, and source test reports shall be submitted to the Department.
B.4	**Emission Unit ID:** 01 **Equipment ID:** FIL1 (CB), FIL2, (CB), FIL3 (CB) **Control Device ID:** F1, F2, F3, F4, F5, F6, F7, F8 (S.C. Regulation 61-62.1, Section II(J)(2)) A one-time source test for PM, PM_{10} and $PM_{2.5}$ for representative dust collector emissions from two of the carbon black transfer lines dust collectors (F1, F2, F3, F4, F5, F6, F7, F8) shall be performed. A plan for initial testing shall be submitted to BAQ Source Evaluation for approval 90 days prior to testing. Testing shall be performed within 270 days after the issuance of this renewal. If the emissions are equal to or less than the values stated in the Title V Renewal Application, April 1, 2020, the new rate shall be used in emissions calculations as representative of all the emission points. If the rate is in excess, further testing may be required. If further testing or monitoring is required, a revised test plan shall be submitted to BAQ for approval within 60 days of receipt of the test results. And the testing shall be completed within 180 days of approval of the test plan.
B.5	**Emission Unit ID:** 01 **Equipment ID:** Group 4, Group 7, Group 11 **Control Device ID:** X8 (GP4), X70 (GP7), DC2 (GP11) (S.C. Regulation 61-62.1, Section II(J)(2)) A one-time source test for PM, PM_{10}, and $PM_{2.5}$ emissions from one of the Rubber Groups, Group 4, Group 7, or Group 11 shall be performed. The testing shall be performed at the outlets of the baghouse and one of the uncontrolled HF mill stacks associated with Group 4, Group 7 or Group 11. A plan for initial testing shall be submitted to BAQ Source Evaluation for approval 90 days prior to testing. Testing shall be performed within 270 days after the issuance of this renewal.

B. LIMITATIONS, MONITORING, AND REPORTING	
Condition Number	**Conditions**
	If the emissions are equal to or less than the values stated in the Title V Renewal Application, April 1, 2020, the new rate shall be used in emissions calculations as representative of all the emission points. If the rate is in excess, further testing may be required. If further testing or monitoring is required, a revised test plan shall be submitted to BAQ for approval within 60 days of receipt of the test results. And the testing shall be completed within 180 days of approval of the test plan.
B.6	**Emission Unit ID:** 18 **Equipment ID:** MABCU **Control Device ID:** ZAM6DC (S.C. Regulation 61-62.1, Section II(J)(2)) A one-time source test for PM, PM_{10}, and $PM_{2.5}$ emissions shall be performed for MACBU. The testing shall be performed at the outlet for Baghouse ZAM6DC. A plan for initial testing shall be submitted to BAQ Source Evaluation for approval 90 days prior to testing. Testing shall be performed within 270 days after the issuance of this renewal. If the emissions are equal to or less than the values stated in the Title V Renewal Application, April 1, 2020, the new rate shall be used in emissions calculations as representative of all the emission points. If the rate is in excess, further testing may be required. If further testing or monitoring is required, a revised test plan shall be submitted to BAQ for approval within 60 days of receipt of the test results. And the testing shall be completed within 180 days of approval of the test plan.
B.7	**Emission Unit ID:** 20 **Equipment ID:** DRY DRAW **Control Device ID:** DD 331 DC505, DD 331 DC506 (S.C. Regulation 61-62.1, Section II(J)(2)) A one-time source test for PM, PM_{10} and $PM_{2.5}$ for the outlet of one of the two dust collectors at the Wire Component process shall be performed. A plan for initial testing shall be submitted to BAQ Source Evaluation for approval 90 days prior to testing. Testing shall be performed within 270 days after the issuance of this renewal. If the emissions are equal to or less than the values stated in the Title V Renewal Application, April 1, 2020, the new rate shall be used in emissions calculations as representative of the emission points. If the rate is in excess, further testing may be required. If further testing or monitoring is required, a revised test plan shall be submitted to BAQ for approval within 60 days of receipt of the test results. And the testing shall be completed within 180 days of approval of the test plan.
B.8	**Emission Unit ID:** 19 **Equipment ID:** BOIL1 & BOIL2 (S.C. Regulation 61-62.5, Standard No. 1, Section I) The fuel burning source(s) shall not discharge into the ambient air smoke which exceeds opacity of 20%. The owner or operator shall, to the extent practicable, maintain and operate any source including associated air pollution control equipment in

B. LIMITATIONS, MONITORING, AND REPORTING

<table>
<tr><th>Condition Number</th><th>Conditions</th></tr>
<tr><td></td><td>a manner consistent with good air pollution control practices for minimizing emissions.</td></tr>
<tr><td>B.9</td><td>Emission Unit ID: 19
Equipment ID: BOIL1 & BOIL2

(S.C. Regulation 61-62.5, Standard No. 1, Section II) The maximum allowable discharge of particulate matter resulting from these sources is 0.6 pounds per million BTU input.</td></tr>
<tr><td>B.10</td><td>Emission Unit ID: 19
Equipment ID: BOIL1 & BOIL2

(S.C. Regulation 61-62.5, Standard No. 1, Section III) The maximum allowable discharge of sulfur dioxide (SO_2) resulting from these sources is 2.3 pounds per million BTU input.</td></tr>
<tr><td>B.11</td><td>Emission Unit ID: 19
Equipment ID: BOIL1 & BOIL2

(S.C. Regulation 61-62.1, Section II(J)(2)) The boilers are permitted to burn only natural gas as fuel. The use of any other substances as fuel is prohibited without prior written approval from the Department.</td></tr>
<tr><td>B.12</td><td>Emission Unit ID: 19
Equipment ID: BOIL1 & BOIL2

(SC Regulation 6l-62.5, Standard No. 2) Boilers 1 and 2 are permitted to operate at a combined steam load of less than or equal to 114,000 lbs/hr when both boilers are operating.

The owner or operator must record the hourly steam load and maintain these records on site. Semiannual reports of exceedances shall be submitted. If no exceedances occurred during the reporting period than a letter shall indicate such.</td></tr>
<tr><td>B.13</td><td>Emission Unit ID: 19
Equipment ID: BOIL1 & BOIL2

(S.C. Regulation 61-62.5, Standard No. 3, Section III(J)) Industrial Boilers are subject to the following emission limitations

<table>
<tr><th>Material</th><th>Emission Limit</th></tr>
<tr><td>Nickel</td><td>6.0×10^{-3} lb/ Million BTU total heat input</td></tr>
<tr><td>Cadmium</td><td>1.0×10^{-4} lb/ Million BTU total heat input</td></tr>
<tr><td>Chromium</td><td>7.4×10^{-4} lb/ Million BTU total heat input</td></tr>
<tr><td>Arsenic</td><td>1.7×10^{-3} lb/ Million BTU total heat input</td></tr>
<tr><td>Lead</td><td>5.0×10^{-3} lb/ Million BTU total heat input</td></tr>
<tr><td>Hydrochloric Acid</td><td>0.45 lb/ Million BTU total heat input</td></tr>
</table>

This is a State Only Requirement.</td></tr>
<tr><td>B.14</td><td>Emission Unit ID: 01, 15, 16, 18, 20, 23, 24</td></tr>
</table>

B. LIMITATIONS, MONITORING, AND REPORTING

Condition Number	Conditions

Equipment ID: FIL1, FIL2, FIL3, FIL4, GP1 MILL, GP1MIX/GP3 MIX, GP2 MIX/MILL, GP2 MIX/GP8 MIX, GP3 MIX, GP3 HF MILL, GP4 MIX, GP4 HF MILL, GP5 MIX, GP5 HF MILL, GP6 MIX, GP7 MIX, GP7 HF MILL, GP10 MIX, GP10 MILL, GP11 CB, GP11 MIX, GP11 ZO, GP11 BIN, GP11 HF MILL, GP12, Glue, TEX, MACBU, DRY DRAW, ZNELEC, MET, ABU, MPBU, SPBU
Control Device ID: F1, F2, F3, F4, F5, F6, F7, F8, X-3, X-6, X-4, X-7, X-5a/X-5b, X-8, X-50, ZD06DP (X-1), X-70, ODP10 (DG1), DC1, DC2, DC5, ZA01, (Storage Silo Filters: CB3 SP103F, CB3 SP104F,CB3 SP105F,CB3 SP106F), (BIN Filters SP1, SP2, SP3, SP4, SP5, SP7, SP8, SP9, SP10, SP11), Intermediate Receiver 1 Filter; Storage Silo 7/8 Filter; Intermediate Receiver 2 Filter; Day Bin SP1, Filter; Day Bin SP7 Filter, ZAM6DC, DD 331 DC505, DD 331 DC506, 430 DC25A

(S.C. Regulation 61-62.5, Standard No. 4, Section IX) Where construction or modification began after December 31, 1985, emissions from these sources (including fugitive emissions) shall not exhibit an opacity greater than 20%, each.

(S.C. Regulation 61-62.70.6(a)(3)(i)(B)) The owner/operator shall perform a visual inspection of the equipment listed in the table below on a semiannual basis during source operation.

EQUIPMENT	DESCRIPTION	EMISSION POINT ID
FIL4	Intermediate Receiver 1 Filter	411 CD06
	Storage Silo 7/8 Filter	411 CD07
	Intermediate Receiver 2 Filter	411 CD09
	Day Bin SP1 Filter	430 CD29
	Day Bin SP7 Filter	430 CD30
GP3 HF MILL	Group 3 HF Mills	430 ZM01 430 ZM02 430 ZM03 430 ZM04
GP4 HF MILL	Group 4 HF Mills	430 ZM05 430 ZM06 430 ZM07 430 ZM08
GP5 HF MILL	Group 5 HF Mills	430 ZM09 430 ZM10 430 ZM11 430 ZM12
GP7 HF MILL	Group 7 HF Mills	430 ZM13 430 ZM14 430 ZM15 430 ZM16
GP10 MILL	Group 10 Mills	ZX01

B. LIMITATIONS, MONITORING, AND REPORTING

Condition Number	Conditions

GP11 HF MILL	Group 11 HF Mills	442 ZM17 442 ZM18 442 ZM19 442 ZM20
TEX	Textile Tissue Process (Mixer, Calender, Mill)	PC01 PZ01 PM01
ZNELEC	Zinc Electroplating	331 RE16 331 RE64 331 RE65 331 RE65 331 RE88 331 RE89 331 RE90 331 RE91
MET	Metallic Tissue Process Line (placifiers, warm-up mill and Calender)	470 HC01 470 HC02

Logs shall be kept to record all visual inspections, noting color, duration, density (heavy or light), cause, and corrective action taken for any abnormal emissions. If a source did not operate during the required visual inspection time frame, the log shall indicate such. The owner/operator shall submit semiannual reports. The report shall include records of abnormal emissions, if any, and corrective actions taken. if the unit did not operate during the semiannual period, the report shall state so.

Visual inspection means a qualitative observation of opacity during daylight hours. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water.

B.15

Emission Unit ID: 01, 18, 20, 23, 24
Equipment ID: FIL1, FIL2, FIL3, FIL4, CB3 SP103F, CB3 SP104F, CB3 SP105F, CB3 SP106F, GP1 MILL, GP1MIX/GP3 MIX, GP2 MIX/MILL, GP2 MIX/GP8 MIX, GP3 MIX, GP3 HF MILL, GP4 MIX, GP4 HF MILL, GP5 MIX, GP5 HF MILL, GP6 MIX, GP7 MIX, GP7 HF MILL, GP10 MIX, GP10 MILL, GP11 CB, GP11 MIX, GP11 ZO, GP11 BIN, GP11 HF MILL, GP12, MACBU, DRY DRAW, ZNELEC, MET, ABU, MPBU, SPBU
Control Device ID: F1, F2, F3, F4, F5, F6, F7, F8, X-3, X-6, X-4, X-7, X-5a/X-5b, X-8, X-50, ZD06DP (X-1), X-70, ODP10 (DG1), DC1, DC2, DC5, ZA01, (Storage Silo Filters: CB3 SP103F, CB3 SP104F,CB3 SP105F,CB3 SP106F), (BIN Filters SP1, SP2, SP3, SP4, SP5, SP7, SP8, SP9, SP10, SP11), Intermediate Receiver 1 Filter; Storage Silo 7/8 Filter; Intermediate Receiver 2 Filter; Day Bin SP1, Filter; Day Bin SP7 Filter, ZAM6DC, DD 331 DC505, DD 331 DC506, 430 DC25A

(S.C. Regulation 61-62.5, Standard No. 4, Section VIII) Particulate matter emissions shall be limited to

B. LIMITATIONS, MONITORING, AND REPORTING	
Condition Number	**Conditions**
	the rate specified by use of the following equations: For process weight rates less than or equal to 30 tons per hour $E = (F)\ 4.10P^{0.67}$ and For process weight rates greater than 30 tons per hour $E = (F)\ 55.0P^{0.11} - 40$ Where E = the allowable emission rate in pounds per hour P = process weight rate in tons per hour F = effect factor from Table B in S.C. Regulation 61-62.5, Standard No. 4 For the purposes of compliance with this condition, the process boundaries are defined as follows: • 01/Rubber Groups 1-8, 10-12 - Process weight rates are confidential • 18/MACBU - Process weight rates are confidential • 20/ Wire Component Process - Process weight rates are confidential • 23/Metallic Tissue - Process weight rates are confidential • 24/ABU SPBU MPBU - Process weight rates are confidential
B.16	**Emission Unit ID:** 01 **Equipment ID:** FIL3 (Storage Silo Filters: SP103, SP104, SP105, SP106), GP11 BIN (BIN Filters SP1, SP2, SP3, SP4, SP5, SP7, SP8, SP9, SP10, SP11), FIL4 (Intermediate Receiver 1 Filter; Storage Silo 7/8 Filter; Intermediate Receiver 2 Filter; Day Bin SP1 Filter; Day Bin SP7 Filter The bin vent filter(s) shall be operational and in place at all times when equipment or processes controlled by filter(s) are operating, except during periods of malfunction or mechanical failure. The facility shall perform quarterly filter inspections. Any necessary corrective actions shall be documented in the facility electronic data management system (BMA) and kept on-site.
B.17	**Emission Unit ID:** 01, 18, 20, 24 **Equipment ID:** FIL1, FIL2, FIL3, GP1 MILL, GP1MIX/GP3 MIX, GP2 MIX/MILL, GP2 MIX/GP8 MIX, GP3 MIX, GP4 MIX, GP5 MIX, GP6 MIX, GP7 MIX, GP10 MIX, GP11 CB, GP11 MIX, GP11 ZO, GP12, MACBU, DRY DRAW, ABU, MPBU, SPBU **Control Device ID:** F1, F2, F3, F4, F5, F6, F7, F8, X-3, X-6, X-4, X-7, X-5a/X-5b, X-8, X-50, ZD06DP (X-1), X-70, ODP10 (DG1), DC1, DC2, DC5, ZA01, ZAM6DC, DD 331 DC505, DD 331 DC506, 430 DC25A The owner or operator shall continue to operate and maintain pressure drop gauge(s) on each module of each Dust Collector. Pressure drop readings for each baghouse shall be recorded daily during source operation. Facilities with automated data collection may collect monitoring data on a more frequent basis and calculate the daily average. Readings collected when the source is shutdown or not operating may not be used in the calculation. The owner or operator must get approval from the Technical Management Section for an increased frequency/averaging plan prior to using averaging for parametric monitoring. The owner or operator shall continue to record daily, the calculated monitoring averages using the approved increased frequency/averaging plan unless prior

B. LIMITATIONS, MONITORING, AND REPORTING	
Condition Number	**Conditions**
	approval is obtained from the Technical Management Section for changing the plan. A process data management system (such as PI data management) may be used to continuously monitor the pressure drop and provide electronic records of the readings. The data management system shall be readily accessible to operating/maintenance personnel. The system shall alert personnel when the pressure drop exceeds the set range. Operation and maintenance checks shall be made and any corrective actions shall be documented in the facility electronic data management system (BMA) and kept on-site. Each Dust Collector shall be in place and operational whenever processes controlled by it are running, except during periods of baghouse malfunction or mechanical failure.
B.18	**Emission Unit ID:** 01, 18, 20, 24 **Equipment ID:** FIL1, FIL2, FIL3, GP1 MILL, GP1MIX/GP3 MIX, GP2 MIX/MILL, GP2 MIX/GP8 MIX, GP3 MIX, GP4 MIX, GP5 MIX, GP6 MIX, GP7 MIX, GP10 MIX, GP11 CB, GP11 MIX, GP11 ZO, GP12, MACBU, DRY DRAW, ABU, MPBU, SPBU **Control Device ID:** F1, F2, F3, F4, F5, F6, F7, F8, X-3, X-6, X-4, X-7, X-5a/X-5b, X-8, X-50, ZD06DP (X-1), X-70, ODP10 (DG1), DC1, DC2, DC5, ZA01, ZAM6DC, DD 331 DC505, DD 331 DC506, 430 DC25A Operational ranges for the monitored parameters have been established to ensure proper operation of the pollution control equipment. These operational ranges for the monitored parameters were derived from stack test data, vendor certification, and/or operational history and visual inspections, which demonstrate the proper operation of the equipment. The facility shall maintain the established ranges and supporting documentation for these monitored parameters. Operating ranges may be updated following submittal to the Director of the Air Permitting Division. All pressure drop records are required to be maintained on site and available for inspection by the Department for a period of five (5) years from the dated generated.
B.19	**Emission Unit ID:** 19 **Equipment ID:** BOIL1 & BOIL2 (S.C. Regulation 61-62.5, Standard No. 5.2) Any existing source where a burner assembly is replaced with another burner assembly after June 25, 2004, regardless of size or age of the burner assembly to be replaced shall be replaced with a low NO_X burner assembly or equivalent technology, and shall achieve a 30 percent reduction from uncontrolled NO_X emission levels based upon manufacturer's specifications. An exemption from this requirement shall be granted when a single burner assembly is being replaced in an existing source with multiple burners due to non-routine maintenance. The replacement of individual components such as burner heads, nozzles, or windboxes does not trigger this requirement. The owner or operator shall notify and register the burner assembly replacement with the Department, in writing, within 7 days of replacing the existing burner assembly. Notification will be provided on the Department's *Low NO_x Burner Assembly Replacement Notification* Form. Those affected

B. LIMITATIONS, MONITORING, AND REPORTING	
Condition Number	**Conditions**
	sources that wish to receive an emission reduction credit for the control device will be required to submit a construction permit application. Those affected sources requesting an alternative control methodology must receive written approval prior to burner replacement. If the burner assembly is replaced as detailed above, the owner or operator shall perform tune-ups every twenty-four (24) months in accordance with manufacturer's specifications or with good engineering practices. The first tune-up shall be conducted no more than twenty-four (24) months from replacement of a burner assembly for affected existing sources. Each subsequent tune-up shall be conducted no more than twenty-four (24) months after the previous tune-up. All tune-up records are required to be maintained on site and available for inspection by the Department for a period of five (5) years from the date generated. The owner or operator shall develop and retain a tune-up plan on file.
B.20	**Emission Unit ID:** 18 **Equipment ID:** MACBU **Control Device ID:** ZAM6DC (S.C. Regulation 61-62.1, Section II(E)) This facility established federally enforceable operating limitations to limit the potential to emit from the MACBU process to less than 2.0 TPY for PM emissions, less than 2.0 TPY for PM_{10} emissions and less than 2.0 TPY for $PM_{2.5}$ emissions to avoid SC Regulation 61-62.5, Standard No. 7. The owner or operator shall maintain BU materials throughput and any other records necessary to determine PM, PM_{10}, and $PM_{2.5}$ emissions from the MACBU process. PM, PM_{10}, and $PM_{2.5}$ emissions shall be calculated on a monthly basis, and a twelve-month rolling sum shall be calculated for total PM, PM_{10}, and $PM_{2.5}$ emissions. Emission totals must include emissions from insignificant activities associated with the emission unit. Emissions from malfunctions are required to be quantified and included in the calculations. The twelve-month rolling sum shall be less than 2.0 TPY for PM, Less than 2.0 TPY for PM_{10} and less than 2.0 TPY for $PM_{2.5}$ emissions tons. Reports of the calculated values and the twelve-month rolling sum, calculated for each month in the reporting period, shall be submitted semiannually. An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall only be included in the initial report. Subsequent submittals of the algorithm are required within 30 days of the change if the algorithm or basis for emissions is modified or the Department requests additional information.
B.21	**Emission Unit ID:** 01 **Equipment ID:** GP10 MIX, GP10 MILL **Control Device ID:** ODP10 (DG1) (S.C. Regulation 61-62.1, Section II(E)) This facility established federally enforceable operating

B. LIMITATIONS, MONITORING, AND REPORTING	
Condition Number	**Conditions**
	limitations to limit the potential to emit from the Group 10 mixing process to less than 25.0 TPY for total PM emissions and less than 15.0 TPY for total PM_{10} emissions to avoid SC Regulation 61-62.5, Standard No. 7. The owner or operator shall maintain carbon black records and any other records necessary to determine PM and PM_{10} emissions from Group 10 mixing process. PM and PM_{10} emissions shall be calculated on a monthly basis, and a twelve-month rolling sum shall be calculated for total PM and PM_{10} emissions. Emission totals must include emissions from insignificant activities associated with the emission unit. Emissions from malfunctions are required to be quantified and included in the calculations. The twelve-month rolling sum shall be less than 25.0 TPY for total PM and Less than 15.0 TPY for total PM_{10} emissions. Reports of the calculated values and the twelve-month rolling sum, calculated for each month in the reporting period, shall be submitted semiannually. An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall only be included in the initial report. Subsequent submittals of the algorithm are required within 30 days of the change if the algorithm or basis for emissions is modified or the Department requests additional information.
B.22	**Emission Unit ID:** 01 **Equipment ID:** GP1 MIX MILL, GP1 MIX/GP3 MIX, GP3 MIX, GP3 HF MILL, GP2 MIX/MILL, GP2 MIX/GP8 MIX, GP3 MIX, GP3 HF MILL, GP4 MIX, GP4 HF MILL, GP5 MIX, GP5 HF MILL, GP7 MIX, GP7 HF MILL, GP11 MIX, GP11 HF MILL S.C. Regulation 61-62.5, Standard No. 7, Prevention of Significant Deterioration. BACT for this project is no controls and a VOC emission limit of less than or equal to 101 TPY total for Mixing Groups # 1-5, 7, and 11. The owner or operator shall maintain monthly records of VOC emissions from all silanes-based rubber used at the facility. VOC emissions shall be calculated on a monthly basis and shall be calculated using the emission factors submitted in Michelin's July 15, 2002, revised construction permit application. If future source test or other information show the emission factors need to be corrected, the Bureau shall be notified and a determination on the need for additional construction permits will be made before the emission factors may be changed. The VOC emissions from silane usage shall not exceed 101 tons per year total for Mixing Groups #1-5, 7, and 11. Emissions from malfunctions are required to be quantified and included in the calculations and reports of the calculated values and the twelve-month rolling sum, calculated for each month in the reporting period, shall be submitted semiannually. An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall only be included in the initial report. Subsequent submittals of the algorithm are required within 30 days of the change if the algorithm or basis for emissions is modified or the Department requests additional information.
B.23	**Facility Wide**

B. LIMITATIONS, MONITORING, AND REPORTING	
Condition Number	**Conditions**
	(S.C. Regulation 61-62.1, Section II(E)) This facility is a potential major source for hazardous air pollutants (HAP) emissions. The facility has requested federally enforceable emissions limitations to limit its potential to emit to less than 10.0 tons per year for any single HAP emission and 25.0 tons per year for any combination of HAP emissions to avoid MACT. The owner or operator shall maintain records of all hazardous air pollutants (HAP). These records shall include the total amount of each material used, the HAP content in percent by weight of each material, and any other records necessary to determine HAP emissions. individual HAP and total HAP emissions shall be calculated monthly, and a twelve-month rolling sum shall be calculated monthly. Facility-wide emission totals must include emissions from insignificant activities. Emissions from malfunctions are required to be quantified and included in the calculations. The twelve-month rolling sum shall be less than 10.0 tons per year of a single HAP and less than 25.0 tons per year of total HAPs. Reports of the calculated values and the twelve-month rolling sum, calculated for each month in the reporting period, shall be submitted semiannually. An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall only be included in the initial report. Subsequent submittals of the algorithm are required within 30 days of the change if the algorithm or basis for emissions is modified or the Department requests additional information.

C. NESHAP (40 CFR 63)	
Condition Number	**Conditions**
C.1	(40 CFR §63.9(a)(4)(ii) and §63.10(a)(4)(ii)) All NESHAP notifications and reports shall be sent to the Department. Electronic submission of notifications or reports to the United States Environmental Protection Agency (US EPA) via CEDRI (Compliance and Emissions Data Reporting Interface) shall serve as the submission to the Department. CEDRI can be accessed through the EPA's Central Data Exchange (CDX).
C.2	(40 CFR §63.9(a)(4)(ii) and §63.10(a)(4)(ii)) All NESHAP notifications and reports requiring electronic submission to US EPA shall be submitted to EPA via CEDRI. Notifications and reports for specific NESHAP subparts not yet requiring electronic submission may also be submitted via CEDRI. Notifications and the accompanying cover letter for periodic reports not submitted via CEDRI shall be sent to the US EPA Region 4 Air and Radiation Division as required by the applicable subpart.
C.3	Emergency engines less than or equal to 150 kilowatt (kW) rated capacity, emergency engines greater than 150 kW rated capacity designated for emergency use only and operated a total of 500 hours per year or less for testing and maintenance and have a method to record the actual hours of use, such as an hour meter, and diesel engine driven emergency fire pumps that are operated a total of 500 hours per year or less for testing and maintenance and have a method to record the actual hours of use, such as an hour meter, have been determined to be exempt from construction permitting

C. NESHAP (40 CFR 63)	
Condition Number	**Conditions**
	requirements in accordance with S.C. Regulation 61-62.1. (40 CFR 60; 40 CFR 63) If present, these sources shall still comply with the requirements of all applicable regulations, including but not limited to the following: New Source Performance Standards (NSPS) 40 CFR 60 Subpart A (General Provisions); NSPS 40 CFR 60 Subpart IIII (Stationary Compression Ignition Internal Combustion Engines); NSPS 40 CFR 60 Subpart JJJJ (Stationary Spark Ignition Internal Combustion Engines); National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 63 Subpart A (General Provisions); and NESHAP 40 CFR 63 Subpart ZZZZ (Stationary Reciprocating Internal Combustion Engines).
C.4	(S.C. Regulation 61-62.63.10(b)(3); 40CFR63.10(b)(3)): If an owner or operator determines that his or her existing or new stationary source is in the source category regulated by a standard established pursuant to section 112 of the Act, but that source is not subject to the relevant standard (or other requirement established under this part) because of enforceable limitations on the source's potential to emit, or the source otherwise qualifies for an exclusion, the owner or operator must keep a record of the applicability determination. The applicability determination must be kept on site at the source for a period of 5 years after the determination, or until the source changes its operations to become an affected source subject to the relevant standard (or other requirement established under this part), whichever comes first if the determination is made prior to January 19, 2021. The applicability determination must be kept until the source changes its operations to become an affected source subject to the relevant standard (or other requirement established under this part) if the determination was made on or after January 19, 2021. The record of the applicability determination must be signed by the person making the determination and include an emissions analysis (or other information) that demonstrates the owner or operator's conclusion that the source is unaffected (*e.g.*, because the source is an area source). The analysis (or other information) must be sufficiently detailed to allow the Administrator to make an applicability finding for the source with regard to the relevant standard or other requirement. If applicable, the analysis must be performed in accordance with requirements established in relevant subparts of this part for this purpose for particular categories of stationary sources. If relevant, the analysis should be performed in accordance with EPA guidance materials published to assist sources in making applicability determinations under section 112 of the Act, if any. The requirements to determine applicability of a standard under § 63.1(b)(3) and to record the results of that determination under this paragraph (b)(3) of this section shall not by themselves create an obligation for the owner or operator to obtain a title V permit.
C.5	**Emission Unit ID:** 19 **Equipment ID:** BOIL1 & BOIL2 National Emission Standards for Hazardous Air Pollutants for Source Categories (NESHAP) 40 CFR 63 and S.C. Regulation 61-62.63, Subpart A, General Provisions and Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters applies to the Boilers. The owner/operator shall comply with all applicable parts of 40CFR 63 Subparts A and DDDDD.

C. NESHAP (40 CFR 63)	
Condition Number	**Conditions**
C.6	**Emission Unit ID:** 19 **Equipment ID:** BOIL1 & BOIL2 Industrial boilers at major sources that burn coal, oil, natural gas or other solid liquid and non-gaseous non-waste materials are existing sources if constructed or reconstructed before June 4, 2010. Gas 1 subcategory: Includes any boiler or process heater that burns only natural gas, refinery gas, or other gas 1 fuels with the exception of liquid fuels burned during gas curtailments and supply emergencies or for periodic testing (not to exceed 48 hours in a calendar year). **Work Practice Standards** Pursuant to 40 CFR 63.7540(a)(10), 63.7515, 63.7545 1. If the boiler has a continuous oxygen trim system that maintains an optimum air to fuel ratio, conduct a tune-up of the boiler or process heater every 5 years as specified. You may delay the burner inspection until the next scheduled or unscheduled unit shutdown, but you must inspect each burner at least once every 72 months. Each 5-year tune-up must be conducted no more than 61 months after the previous tune-up. (i) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may delay the burner inspection until the next scheduled unit shutdown). Units that produce electricity for sale may delay the burner inspection until the first outage, not to exceed 36 months from the previous inspection. At units where entry into a piece of process equipment or into a storage vessel is required to complete the tune-up inspections, inspections are required only during planned entries into the storage vessel or process equipment; (ii) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available; (iii) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (you may delay the inspection until the next scheduled unit shutdown). Units that produce electricity for sale may delay the inspection until the first outage, not to exceed 36 months from the previous inspection; (iv) Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any NOX requirement to which the unit is subject; (v) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer; and

C. NESHAP (40 CFR 63)	
Condition Number	**Conditions**
	(vi) Maintain the report on-site, (A) The concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler or process heater; (B) A description of any corrective actions taken as a part of the tune-up; and (C) The type and amount of fuel used over the 12 months prior to the tune-up, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel used by each unit. 2. If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 calendar days of startup. 3. Keep records of the type and amount of all fuels burned in each boiler or process heater during the reporting period. 4. Submit a 5-year compliance report on or before January 31, 2021. The report must contain Company and Facility name and address. • Process unit information, emissions limitations, and operating parameter limitations. • Date of report and beginning and ending dates of the reporting period. • Include the date of the most recent tune-up for each unit subject to only the requirement to conduct a 5-year tune-up and include the date of the most recent burner inspection if it was not done on a 5-year period and was delayed until the next scheduled or unscheduled unit shutdown. • Statement by responsible official with official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report. **<u>Curtailment</u>** Pursuant to 40 CFR 63.7545(f) and 63.7555(h) 1. If the boiler fires alternative fuel, during a period of natural gas curtailment or supply interruption, submit a notification of alternative fuel use within 48 hours of the declaration of each period of natural gas curtailment or supply interruption. A period of gas curtailment or supply interruption means a period of time during which the supply of gaseous fuel to an affected boiler is restricted or halted for reasons beyond the control of the facility. Contractual agreement with the gas supplier for curtailment qualifies and on-site gaseous fuel system emergencies or equipment failures qualify as periods of supply interruption when the emergency or failure is beyond the control of the facility. The notification must include the information specified. • Company name and address. • Identification of the affected unit. • Reason you are unable to use natural gas or equivalent fuel, including the date when the

C. NESHAP (40 CFR 63)	
Condition Number	**Conditions**
	natural gas curtailment was declared or the natural gas supply interruption began. • Type of alternative fuel that you intend to use. • Dates when the alternative fuel use is expected to begin and end. Keep records of the total hours per calendar year that alternative fuel is burned and the total hours per calendar year that the unit operated during periods of gas curtailment or gas supply emergencies. Maintain records of the calendar date, time, occurrence and duration of each startup and shutdown and the fuel used.

D. GENERAL FACILITY WIDE	
Condition Number	**Conditions**
D.1	The owner or operator shall comply with S.C. Regulation 61-62.2, Prohibition of Open Burning.
D.2	The owner or operator shall comply with S.C. Regulation 61-62.3, Air Pollution Episodes.
D.3	The owner or operator shall comply with S.C. Regulation 61-62.4, Hazardous Air Pollution Conditions.
D.4	The owner or operator shall comply with S.C. Regulation 61-62.6, Control of Fugitive Particulate Matter.
D.5	The owner or operator shall comply with the standards of performance for asbestos abatement operations pursuant to 40 CFR Part 61.145 and S.C. Regulation 61-86.1, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
D.6	The owner or operator shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, Protection of Stratospheric Ozone, Recycling and Emissions Reduction, except as provided for motor vehicle air conditioners (MVACs) in Subpart B. If the owner or operator performs a service on motor vehicles (fleet) that involves ozone-depleting substance refrigerant in MVACs, the owner or operator is subject to all applicable requirements of 40 CFR Part 82, Subpart B, Servicing of MVACs.
D.7	(S.C. Regulation 61-62.70.6(a)(5)) The provisions of this permit are severable, and if any provision of this permit, or application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.
D.8	(S.C. Regulation 61-62.70.6(a)(6)(i)) The owner or operator must comply with all of the conditions of this permit. Any permit noncompliance constitutes a violation of the S.C. Pollution Control Act and/or the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of permit renewal application.
D.9	(S.C. Regulation 61-62.70.6(a)(6)(ii)) It shall not be a defense for an owner or operator in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
D.10	(S.C. Regulation 61-62.70.6(a)(6)(iii)) The permit may be modified, revoked, reopened and reissued, or terminated for cause by the Department. The filing of a request by the owner or operator for a

D. GENERAL FACILITY WIDE	
Condition Number	**Conditions**
	permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
D.11	(S.C. Regulation 61-62.70.6(a)(6)(iv)) The permit does not convey any property rights of any sort, or any exclusive privilege.
D.12	(S.C. Regulation 61-62.70.6(a)(6)(v)) The owner or operator shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the owner or operator shall also furnish to the Department copies of records required to be kept by the permit or, for information claimed to be confidential, the owner or operator may furnish such records directly to the Administrator along with a claim of confidentiality. The Department may also request that the owner or operator furnish such records directly to the Administrator along with a claim of confidentiality.
D.13	(S.C. Regulation 61-62.70.6(a)(8)) No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.
D.14	(S.C. Regulation 61-62.70.6(c)(2)) Upon presentation of credentials and other documents as may be required by law, the owner or operator shall allow the Department or an authorized representative to perform the following: 2. Enter upon the owner or operator's premises where a Part 70 source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit. 3. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. 4. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit. 5. As authorized by the Act and/or the S.C. Pollution Control Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.
D.15	(S.C. Regulation 61-62.70.6(g)) In the case of an emergency, as defined in S.C. Regulation 61-62.70.6(g)(1), the owner or operator shall demonstrate an affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that: 1. An emergency occurred and that the owner or operator can identify the cause(s) of the emergency; 2. The permitted facility was at the time being properly operated; and 3. During the period of the emergency the owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and 4. The owner or operator shall submit verbal notification of the emergency to the Department within twenty-four (24) hours of the time when emission limitations were exceeded, followed

D. GENERAL FACILITY WIDE	
Condition Number	**Conditions**
	by written notifications within thirty (30) days. This notice fulfills the requirement of S.C. Regulation 61-62.70.6(a)(3)(iii)(B). This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. 5. This provision is in addition to any emergency or upset provision contained in any applicable requirement. In any enforcement proceeding, the owner or operator seeking to establish the occurrence of an emergency has the burden of proof.
D.16	(S.C. Regulation 61-62.70.6(a)(1)(ii)) Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be incorporated into the permit and shall be enforceable by the Administrator.
D.17	(S.C. Regulation 61-62.70.6(a)(4)) The owner or operator is prohibited from emissions exceeding any allowances that the source lawfully holds under Title IV of the Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by a source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowances shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Act.
D.18	(S.C. Regulation 61-62.70.7(c)(1)(ii)) Permit expiration terminates the source's right to operate unless a timely and complete renewal application has been submitted consistent with S.C. Regulation 61-62.70.5(a)(1)(iii), 62.70.5(a)(2)(iv), and 62.70.7(b). In this case, the permit shall not expire until the renewal permit has been issued or denied. All terms and conditions of the permit including any permit shield that may be granted pursuant to S.C. Regulation 61-62.70.6(f) shall remain in effect until the renewal permit has been issued or denied.
D.19	(S.C. Regulation 61-62.70.7) Requests for permit modification and amendments shall be submitted on the appropriate Department approved Title V Modification Form(s).
D.20	(S.C. Regulation 61-62.70.6(a)(7)) The owners or operators of Part 70 sources shall pay fees to the Department consistent with the fee schedule approved pursuant to S.C. Regulation 61-62.70.9; and in accordance with S.C. Regulation 61-30, Environmental Protection Fees. Failure to pay applicable fees can be considered grounds for permit revocation.
D.21	(S.C. Regulation 61-62.1, Section III) The owners or operators of Part 70 sources shall complete and submit a new updated emissions inventory consistent with the schedule approved pursuant to S.C. Regulation 61-62.1, Section III. These reports shall be submitted to the Department. This requirement notwithstanding, an emissions inventory may be required at any time in order to determine the compliance status of any facility.
D.22	This permit expressly incorporates insignificant activities. Emissions from insignificant activities shall be included in the emissions inventory submittals as required by S.C. Regulation 61-62.1, Section III(B)(2)(g).
D.23	(S.C. Regulation 61-62.1, Section II(J)(1)(a)) No applicable law, regulation, or standard will be contravened.
D.24	(S.C. Regulation 61-62.1, Section II(J)(1)(e)) Any owner or operator who constructs or operates a source

D. GENERAL FACILITY WIDE	
Condition Number	**Conditions**
	or modification not in accordance with the application submitted pursuant to S.C. Regulation 61-62.1 or with the terms of any approval to construct, or who commences construction after the effective date of S.C. Regulation 61-62.1 without applying for and receiving approval hereunder, shall be subject to enforcement action.

E. GENERAL RECORD KEEPING AND REPORTING	
Condition Number	**Conditions**
E.1	(S.C. Regulation 61-62.1, Section II(J)(1)(g)) A copy of the Department issued construction and/or operating permit must be kept readily available at the facility at all times. The owner or operator shall maintain such operational records; make reports; install, use, and maintain monitoring equipment or methods; sample and analyze emissions or discharges in accordance with prescribed methods at locations, intervals, and procedures as the Department shall prescribe; and provide such other information as the Department reasonably may require. All records required to demonstrate compliance with the limits established under this permit shall be maintained on site for a period of at least five (5) years from the date the record was generated and shall be made available to a Department representative upon request.
E.2	(S.C. Regulation 61-62.70.6(a)(3)(iii)(A)) The owner or operator shall submit reports required in this permit in a timely manner and according to the reporting schedule that has previously been established through the Department's approved electronic permitting system. All required reports must be certified by a responsible official consistent with S.C. Regulation 61-62.70.5(d).
E.3	(S.C. Regulation 61-62.70.6(a)(3)(iii)) All reports and notifications required under this permit shall be submitted to the Department.
E.4	(S.C. Regulation 61-62.70.6(c)(5)(iv)) All Title V Annual Compliance Certifications shall be sent to the US EPA, Region 4, Air Enforcement Branch and to the Department. These reports can be submitted electronically to EPA through CEDRI.
E.5	(S.C. Regulation 61-62.70.6(a)(3)(ii)) The owner or operator shall comply, where applicable, with the following monitoring/support information collection and retention record keeping requirements: 1. Records of required monitoring information shall include the following: a. The date, place as defined in the permit, and time of sampling or measurements; b. The date(s) analyses were performed; c. The company or entity that performed the analyses; d. The analytical techniques or methods used; e. The results of such analyses; and

E. GENERAL RECORD KEEPING AND REPORTING	
Condition Number	**Conditions**
	f. The operating conditions as existing at the time of sampling or measurement; 2. Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
E.6	(S.C. Regulation 61-62.1, Section II(J)(1)(c)) For sources not required to have continuous emission monitors, any malfunction of air pollution control equipment or system, process upset, or other equipment failure which results in discharges of air contaminants lasting for one (1) hour or more and which are greater than those discharges described for normal operation in the permit application, shall be reported to the Department within twenty-four (24) hours after the beginning of the occurrence and a written report shall be submitted to the Department within thirty (30) days. The written report shall include, at a minimum, the following: 1. The identity of the stack and/or emission point where the excess emissions occurred; 2. The magnitude of excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the excess emissions; 3. The time and duration of excess emissions; 4. The identity of the equipment causing the excess emissions; 5. The nature and cause of such excess emissions; 6. The steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction; 7. The steps taken to limit the excess emissions; and, 8. Documentation that the air pollution control equipment, process equipment, or processes were at all times maintained and operated, to the maximum extent practicable, in a manner consistent with good practice for minimizing emissions. The initial twenty-four (24) hour notification should be made to the Department's local Regional Office. The written report should be sent to the Department.
E.7	(S.C. Regulation 61-62.70.6(c)(5)(iii)) The responsible official shall certify annually, compliance with the conditions of this permit as required under S.C. Regulation 61-62.70.6(c). The compliance certification shall include the following: 1. The identification of each term or condition of the permit that is the basis of the certification. 2. The identification of the method(s) or means used by the owner or operator for determining the compliance status with each term and condition of the permit during the certification

E. GENERAL RECORD KEEPING AND REPORTING	
Condition Number	**Conditions**
	period. 3. The status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in S.C. Regulation 61-62.70.6(c)(5)(iii)(B). The certification shall identify each deviation and take it into account in the compliance certification. 4. Such other facts as the Department may require to determine the compliance status of the source.
E.8	(S.C. Regulation 61-62.1, Section II(M)) Within thirty (30) days of the transfer of ownership/operation of a facility, the current permit holder and prospective new owner or operator shall submit to the Department a written request for transfer of the source operating or construction permits. The written request for transfer of the source operating or construction permit shall include any changes pertaining to the facility name and mailing address; the name, mailing address, and telephone number of the owner or operator for the facility; and any proposed changes to the permitted activities of the source. Transfer of the operating or construction permits will be effective upon written approval by the Department.

F. INSIGNIFICANT ACTIVITIES	
Condition Number	**Conditions**
F.1	The facility may install, remove, and modify insignificant activities as defined in S.C. Regulation 61-62.70.5(c), without revising or reopening the Title V Operating Permit. A list of insignificant activities/exempt sources must be maintained on site, along with any necessary documentation to support the determination that the activity is insignificant and shall be made available to a Department representative upon request. The list shall be submitted with the next renewal application.

G. PERMIT SHIELD	
Condition Number	**Conditions**
G.1	(S.C. Regulation 61-62.70.6(f)) A copy of the "applicability determination" submitted with the Part 70 permit application is included as Applicable and Non-Applicable Federal and State Regulations. With the exception of those listed below, compliance with the terms and conditions of this permit shall be deemed compliance with the applicable requirements specified in Applicable and Non-Applicable Federal and State Regulations as of the date of permit issuance provided that such applicable requirements are included and are specifically identified in the permit. The owner or operator shall

G. PERMIT SHIELD

Condition Number	Conditions
	also be shielded from the non-applicable requirements specified in Applicable and Non-Applicable Federal and State Regulations. Exceptions to this are stated below in the Permit Shield Exceptions Table. This permit shield does not extend to applicable requirements which are promulgated after permit issuance, unless the permit has been appropriately modified to reflect such new requirements. Nothing in the permit shield or in any Part 70 permit shall alter or affect the provisions of Section 303 of the Act, Emergency Orders of the Clean Air Act; the liability of the owner or operator for any violation of applicable requirements prior to or at the time of permit issuance; the applicable requirements of the Acid Rain Program, consistent with Section 408(a) of the Clean Air Act; or the ability of US EPA to obtain information from a source pursuant to Section 114 of the Clean Air Act. In addition, the permit shield shall not apply to emission units in noncompliance at the time of permit issuance, minor permit modifications (S.C. Regulation 61-62.70.7(e)(2)), group processing of minor permit modifications (S.C. Regulation 61-62.70.7(e)(3)), or operational flexibility (S.C. Regulation 61-62.70.7(e)(5)(i)), except as specified in S.C. Regulation 61-62.70.7(e)(5)(iii).

Permit Shield Exceptions
SC Regulation 61-62.1 - Definitions and General Requirements
SC Regulation 61-62.3 - Air Pollution Episodes
SC Regulation 61-62.5, Standard No.7 - Prevention of Significant Deterioration
40 CFR 61, Subpart M – National Emission Standard for Asbestos

H. AMBIENT AIR STANDARDS

Condition Number	Conditions
H.1	(S.C. Regulation 61-62.1, Section II(J)(2)) Air dispersion modeling (or other method) has previously demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal ambient air standard. Any changes in the parameters used in this demonstration may require a review by the facility to determine continuing compliance with these standards. These potential changes include any decrease in stack height, decrease in stack velocity, increase in stack diameter, decrease in stack exit temperature, increase in building height or building additions, increase in emission rates, decrease in distance between stack and property line, changes in vertical stack orientation, and installation of a rain cap that impedes vertical flow. Parameters that are not required in the determination will not invalidate the demonstration if they are modified. Variations from the input parameters in the demonstration shall not constitute a violation unless the maximum allowable ambient concentrations identified in the standard are exceeded. The owner or operator shall maintain this facility at or below the emission rates used in the most recent air dispersion modeling (or other method) demonstration submitted to and approved by the Department, not to exceed the pollutant limitations of this permit. Should the facility wish to increase the emission rates used in the demonstration, not to exceed the pollutant limitations in the body of

H. AMBIENT AIR STANDARDS

Condition Number	Conditions
	this permit, it may do so by submitting a new demonstration for approval. This condition along with the referenced modeling demonstration will also serve to meet the intent of S.C. Regulation 61-62.5, Standard No. 8, Section II(D). This is a State Only enforceable requirement.

I. COMPLIANCE SCHEDULE – RESERVED

Applicable and Non-Applicable Federal and State Regulations

Michelin North America Inc Sandy Springs Facility (US2)
TV-0200-0018 v2.0
Page 1 of 11

The following contains the Federal and South Carolina air pollution regulations and their applicability, as specified in the Part 70 permit application.

PERMIT SHIELD		
Citation	**Regulation**	**Applicable (Y/N)**
SC Regulation 61-62.1	Definitions and General Requirements	Y
SC Regulation 61-62.2	Prohibition of Open Burning	Y
SC Regulation 61-62.3	Air Pollution Episodes	N
SC Regulation 61-62.4	Hazardous Air Pollution Conditions	Y
SC Regulation 61-62.5, Std. No. 1	Emissions from Fuel Burning Operations	Y
SC Regulation 61-62.5, Std. No. 2	Ambient Air Quality Standards	Y
SC Regulation 61-62.5, Std. No. 3	Waste Combustion and Reduction	Y
SC Regulation 61-62.5, Std. No. 3.1	Hospital, Medical, Infectious Waste Incinerators (HMIWI)	N
SC Regulation 61-62.5, Std. No. 4	Emissions from Process Industries	Y
SC Regulation 61-62.5, Std. No. 5	Volatile Organic Compounds	Y
SC Regulation 61-62.5, Std. No. 7	Prevention of Significant Deterioration	Y
SC Regulation 61-62.5, Std. No. 8	Toxic Air Pollutants	Y
SC Regulation 61-62.6	Control of Fugitive Particulate Matter	Y
SC Regulation 61-62.7	Good Engineering Practice Stack Height	Y
SC Regulation 61-62.60	SC Designated Facility Plan and NSPS (See 40 CFR Below)	Y
SC Regulation 61-62.68	Chemical Accident Prevention Provisions	N
SC Regulation 61-62.70	Title V Operating Permit Program	Y
SC Regulation 61-62.72	Acid Rain	N
SC Regulation 61-62.96	NO_x Budget Trading Program	N
SC Regulation 61-62.99	NO_x Budget Trading Program Requirements for Stationary Sources Not in the Trading Program	N
40 CFR 60 subpart A	General Provisions	N
40 CFR 60 subpart B	Adoption and Submittal of State Plans for Designated Facilities	N
40 CFR 60 subpart C	Emission Guidelines and Compliance Times	N
40 CFR 60 subpart Cb	Emissions Guidelines and Compliance Times for Large Municipal Waste Combustors that are Constructed on or Before September 20, 1994	N
40 CFR 60 subpart Cc	Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills	N
40 CFR 60 subpart Cd	Emissions Guidelines and Compliance Times for Sulfuric Acid Production Units	N

PERMIT SHIELD		
Citation	**Regulation**	**Applicable (Y/N)**
40 CFR 60 subpart Ce	Emission Guidelines and Compliance Times for Hospital/Medical/Infectious Waste Incinerators	N
40 CFR 60 subpart D	Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971	N
40 CFR 60 subpart Da	Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978	N
40 CFR 60 subpart Db	Industrial-Commercial-Institutional Steam Generating Units	N
40 CFR 60 subpart Dc	Small Industrial-Commercial-Institutional Steam Generating Units	N
40 CFR 60 subpart E	Incinerators	N
40 CFR 60 subpart Ea	Municipal Waste Combustors for Which Construction is Commenced After December 20, 1989, and on or Before September 20, 1994	N
40 CFR 60 subpart Eb	Large Municipal Waste Combustors for Which Construction is Commenced After September 20, 1994, or for Which Modification or Reconstruction is Commenced After June 19, 1996	N
40 CFR 60 subpart Ec	Hospital/Medical/Infectious Waste Incinerators for Which Construction is Commenced After June 20,1996	N
40 CFR 60 subpart F	Portland Cement Plants	N
40 CFR 60 subpart G	Nitric Acid Plants	N
40 CFR 60 subpart H	Sulfuric Acid Plants	N
40 CFR 60 subpart I	Hot Mix Asphalt Facilities	N
40 CFR 60 subpart J	Petroleum Refineries	N
40 CFR 60 subpart Ja	Petroleum Refineries for Which Construction , reconstruction, or Modification Commenced After May 14, 2007	N
40 CFR 60 subpart K	Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	N
40 CFR 60 subpart Ka	Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	N

PERMIT SHIELD		
Citation	**Regulation**	**Applicable (Y/N)**
40 CFR 60 subpart Kb	Volatile Organic Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	N
40 CFR 60 subpart L	Secondary Lead Smelters	N
40 CFR 60 subpart M	Secondary Brass and Bronze Production Plants	N
40 CFR 60 subpart N	Primary Emissions from Basic Oxygen Process Furnaces for Which Construction is Commenced After June 11,1973	N
40 CFR 60 subpart Na	Secondary Emissions from Basic Oxygen Process Steelmaking Facilities for Which Construction is Commenced After January 20,1983	N
40 CFR 60 subpart O	Sewage Treatment Plants	N
40 CFR 60 subpart P	Primary Copper Smelters	N
40 CFR 60 subpart Q	Primary Zinc Smelters	N
40 CFR 60 subpart R	Primary Lead Smelters	N
40 CFR 60 subpart S	Primary Aluminum Reduction Plants	N
40 CFR 60 subpart T	Phosphate Fertilizer Industry: Wet Process Phosphoric Acid Plants	N
40 CFR 60 subpart U	Phosphate Fertilizer Industry: Super Phosphoric Acid Plants	N
40 CFR 60 subpart V	Phosphate Fertilizer Industry: Diammonium Phosphate Plants	N
40 CFR 60 subpart W	Phosphate Fertilizer Industry: Triple Superphosphate Plants	N
40 CFR 60 subpart X	Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities	N
40 CFR 60 subpart Y	Coal Preparation Plants	N
40 CFR 60 subpart Z	Ferroalloy Production Facilities	N
40 CFR 60 subpart AA	Steel Plants: Electric Arc Furnaces Constructed After October 21, 1974, and on or Before August 17, 1983	N
40 CFR 60 subpart AAa	Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed After August 7, 1983	N
40 CFR 60 subpart BB	Kraft Pulp Mills	N
40 CFR 60 subpart CC	Glass Manufacturing Plants	N
40 CFR 60 subpart DD	Grain Elevators	N
40 CFR 60 subpart EE	Surface Coating of Metal Furniture	N
40 CFR 60 subpart GG	Stationary Gas Turbines	N

PERMIT SHIELD		
Citation	**Regulation**	**Applicable (Y/N)**
40 CFR 60 subpart HH	Lime Manufacturing Plants	N
40 CFR 60 subpart KK	Lead-Acid Battery Manufacturing Plants	N
40 CFR 60 subpart LL	Metallic Mineral Processing Plants	N
40 CFR 60 subpart MM	Automobile and Light Duty Truck Surface Coating Operations	N
40 CFR 60 subpart NN	Phosphate Rock Plants	N
40 CFR 60 subpart PP	Ammonium Sulfate Manufacture	N
40 CFR 60 subpart QQ	Graphic Arts Industry: Publication Rotogravure Printing	N
40 CFR 60 subpart RR	Pressure Sensitive HAPe and Label Surface Coating Operations	N
40 CFR 60 subpart SS	Industrial Surface Coating: Large Appliances	N
40 CFR 60 subpart TT	Metal Coil Surface Coating	N
40 CFR 60 subpart UU	Asphalt Processing and Asphalt Roofing Manufacture	N
40 CFR 60 subpart VV	Equipment Leaks of VOC in the Synthetic Organic Chemicals Mfg. Industry	N
40 CFR 60 subpart VVa	Equipment Leaks of VOC in the Synthetic Organic Chemicals Mfg. Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	N
40 CFR 60 subpart WW	Beverage Can Surface Coating Industry	N
40 CFR 60 subpart XX	Bulk Gasoline Terminals	N
40 CFR 60 subpart AAA	New Residential Wood Heaters	N
40 CFR 60 subpart BBB	Rubber Tire Manufacturing Industry	N
40 CFR 60 subpart DDD	Volatile Organic Compound Emissions from the Polymer Manufacturing Industry	N
40 CFR 60 subpart FFF	Flexible Vinyl and Urethane Coating and Printing	N
40 CFR 60 subpart GGG	Equipment Leaks of VOC in Petroleum Refineries	N
40 CFR 60 subpart GGGa	Equipment Leaks of VOC in Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	N
40 CFR 60 subpart HHH	Synthetic Fiber Production Facilities	N
40 CFR 60 subpart III	Volatile Organic Compound Emissions from the Synthetic Organic Chemical Manufacturing Industry Air Oxidation Unit Processes	N
40 CFR 60 subpart JJJ	Petroleum Dry Cleaners	N
40 CFR 60 subpart KKK	Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	N

PERMIT SHIELD		
Citation	**Regulation**	**Applicable (Y/N)**
40 CFR 60 subpart LLL	Onshore Natural Gas Processing: SO2 Emissions	N
40 CFR 60 subpart NNN	Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry Distillation Operations	N
40 CFR 60 subpart OOO	Nonmetallic Mineral Processing Plants	N
40 CFR 60 subpart PPP	Wool Fiberglass Insulation Manufacturing Plants	N
40 CFR 60 subpart QQQ	VOC Emissions from Petroleum Refinery Wastewater Systems	N
40 CFR 60 subpart RRR	Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry Reactor Processes	N
40 CFR 60 subpart SSS	Magnetic HAPe Coating Facilities	N
40 CFR 60 subpart TTT	Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines	N
40 CFR 60 subpart UUU	Calciners and Dryers in Mineral Industries	N
40 CFR 60 subpart VVV	Polymeric Coating of Supporting Substrates Facilities	N
40 CFR 60 subpart WWW	Municipal Solid Waste Landfills	N
40 CFR 60 subpart AAAA	Small Municipal Waste Combustion Units After August 30, 1999, or for Which Modification or Reconstruction is Commenced After June 6, 2001	N
40 CFR 60 subpart BBBB	Emission Guidelines and Compliance Times for Small Municipal Waste Constructed on or Before August 30, 1999	N
40 CFR 60 subpart CCCC	Commercial and Industrial Solid Waste Incineration Units for Which Construction is Commenced After November 30, 1999, or for Which Modification or Reconstruction is Commenced on or After June 1, 2001	N
40 CFR 60 subpart DDDD	Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units that Commenced Construction On or Before November 30, 1999	N
40 CFR 60 subpart EEEE	Other Solid Waste Incineration Units or for Which Modification or Reconstruction is Commenced on or After June 16, 2006	N
40 CFR 60 subpart FFFF	Other Solid Waste Incineration Units or for Which Modification or Reconstruction is Commenced on or After December 9, 2004	N
40 CFR 60 subpart HHHH	Coal-Fired Electric Steam Generating Units	N

PERMIT SHIELD		
Citation	**Regulation**	**Applicable (Y/N)**
40 CFR 60 subpart IIII	Stationary Compression Ignition Internal Combustion Engines	Y
40 CFR 60 subpart JJJJ	Stationary Spark Ignition Internal Combustion Engines	Y
40 CFR 60 subpart KKKK	Stationary Combustion Turbines	N
40 CFR 61 subpart A	General Provisions	N
40 CFR 61 subpart B	Radon Emissions from Underground Uranium Mines	N
40 CFR 61 subpart C	Beryllium	N
40 CFR 61 subpart D	Beryllium Rocket Motor Firing	N
40 CFR 61 subpart E	Mercury	N
40 CFR 61 subpart F	Vinyl chloride	N
40 CFR 61 subpart H	Radionuclides Other Than Radon From Department of Energy Facilities	N
40 CFR 61 subpart I	Radionuclide Emissions From Facilities Licensed by the Nuclear Regulatory Commission and Federal Facilities Not covered by Subpart H	N
40 CFR 61 subpart J	Equipment Leaks (Fugitive Emission Source) of Benzene	N
40 CFR 61 subpart K	Elemental Phosphorus	N
40 CFR 61 subpart L	Benzene Emissions From Coke By-Product Recovery Plants	N
40 CFR 61 subpart M	Asbestos	N
40 CFR 61 subpart N	Inorganic Arsenic Emissions From Glass Manufacturing Plants	N
40 CFR 61 subpart O	Inorganic Arsenic Emissions From Primary Copper Smelters	N
40 CFR 61 subpart P	Inorganic Arsenic Emissions From Arsenic Trioxide and Metallic Arsenic Production Facilities	N
40 CFR 61 subpart Q	Radon Emissions From Department of Energy Facilities	N
40 CFR 61 subpart R	Radon Emissions From Phosphogypsum Stacks	N
40 CFR 61 subpart T	Radon Emissions From the Disposal of Uranium Mill Tailings	N
40 CFR 61 subpart V	Equipment Leaks (Fugitive Emission Sources)	N
40 CFR 61 subpart W	Radon Emissions From Operating Mill Tailings	N
40 CFR 61 subpart Y	Benzene Emissions From Benzene Storage Vessels	N
40 CFR 61 subpart BB	Benzene Emissions From Benzene Transfer Operations	N
40 CFR 61 subpart FF	Benzene Waste Operations	N

PERMIT SHIELD		
Citation	**Regulation**	**Applicable (Y/N)**
40 CFR 63 subpart A	General Provisions	Y
40 CFR 63 subpart B	Requirements for Control Technology Determinations for Major Sources	N
40 CFR 63 subpart C	De-Listings	N
40 CFR 63 subpart D	Compliance Extensions for Early Reduction Sources	N
40 CFR 63 subpart E	Approval of State Programs and Delegation of Authority	N
40 CFR 63 subpart F	Synthetic Organic Chemical Manufacturing Industry, HON	N
40 CFR 63 subpart F	Tetrahydrobenzaldehyde Manufacture (Formerly Butadiene Dimers Production)	N
40 CFR 63 subpart G	Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater, HON	N
40 CFR 63 subpart H	Synthetic Organic Chemical Manufacturing Industry for Equipment Leaks, HON	N
40 CFR 63 subpart I	Synthetic Organic Chemical Manufacturing Industry for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks, HON	N
40 CFR 63 subpart J	Polyvinyl Chloride and Copolymers Production	N
40 CFR 63 subpart L	Coke Ovens	N
40 CFR 63 subpart M	Dry Cleaning	N
40 CFR 63 subpart N	Chrome Electroplating	N
40 CFR 63 subpart O	Ethylene Oxide Commercial Sterilization Facilities	N
40 CFR 63 subpart Q	Industrial Process Cooling Towers	N
40 CFR 63 subpart R	Gasoline Distribution (Bulk Gasoline Terminals and Pipeline Breakout Stations), Stage I	N
40 CFR 63 subpart S	Pulp and Paper Cluster Rule	N
40 CFR 63 subpart T	Degreasing Organic Cleaners (Halogenated Solvent Cleaning)	N
40 CFR 63 subpart U	Polymers and Resins Group I	N
40 CFR 63 subpart W	Polymers and Resins Group II, Epoxy Resins Production and Non-Nylon Polyamides Production	N
40 CFR 63 subpart X	Secondary Lead Smelting	N
40 CFR 63 subpart Y	Marine Vessel Unloading Operations	N
40 CFR 63 subpart AA	Phosphoric Acid Manufacturing Plants	N
40 CFR 63 subpart BB	Phosphate Fertilizers	N

PERMIT SHIELD		
Citation	**Regulation**	**Applicable (Y/N)**
40 CFR 63 subpart CC	Petroleum Refineries	N
40 CFR 63 subpart DD	Off-Site Waste and Recovery Operations	N
40 CFR 63 subpart EE	Magnetic HAPe Manufacturing	N
40 CFR 63 subpart FF	Benzene Waste Operations	N
40 CFR 63 subpart GG	Aerospace Manufacturing and Rework Facilities	N
40 CFR 63 subpart HH	Oil and Gas Production Facilities	N
40 CFR 63 subpart II	Shipbuilding and Ship repair Facilities (Coating Operations)	N
40 CFR 63 subpart JJ	Wood Furniture Manufacturing Operations	N
40 CFR 63 subpart KK	Printing and Publishing	N
40 CFR 63 subpart LL	Primary Aluminum Reduction Plants	N
40 CFR 63 subpart MM	Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills	N
40 CFR 63 subpart OO	Tanks- Level 1	N
40 CFR 63 subpart WW	Tanks - Level 2	N
40 CFR 63 subpart PP	Containers	N
40 CFR 63 subpart QQ	Surface Impoundments QQ	N
40 CFR 63 subpart RR	Individual Drain Systems	N
40 CFR 63 subpart SS	Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or Process	N
40 CFR 63 subpart TT	Equipment Leaks-Control Level 1	N
40 CFR 63 subpart UU	Equipment Leaks-Control Level 2	N
40 CFR 63 subpart VV	Oil-Water Separators and Organic-Water Separators	N
40 CFR 63 subpart YY	Generic Maximum Achievable Control Technology (MACT) Standards	N
40 CFR 63 subpart CCC	Steel Pickling Facilities	N
40 CFR 63 subpart DDD	Mineral Wool Production	N
40 CFR 63 subpart EEE	Hazardous Waste Combustors	N
40 CFR 63 subpart GGG	Pharmaceuticals Production	N
40 CFR 63 subpart HHH	Natural Gas Transmission and Storage Facilities	N
40 CFR 63 subpart III	Flexible Polyurethane Foam Production	N
40 CFR 63 subpart JJJ	Polymers and Resins Group IV	N
40 CFR 63 subpart LLL	Portland Cement Manufacturing	N
40 CFR 63 subpart MMM	Pesticide Active Ingredients Production	N
40 CFR 63 subpart NNN	Wool Fiberglass Production	N
40 CFR 63 subpart OOO	Manufacture of Amino/Phenolic Resins	N
40 CFR 63 subpart PPP	Polyether Polyols Production	N

PERMIT SHIELD		
Citation	**Regulation**	**Applicable (Y/N)**
40 CFR 63 subpart QQQ	Primary Copper	N
40 CFR 63 subpart RRR	Secondary Aluminum Production	N
40 CFR 63 subpart TTT	Primary Lead Smelting	N
40 CFR 63 subpart UUU	Petroleum Refineries (catalytic cracking, catalytic reforming, and sulfur plant unit)	N
40 CFR 63 subpart VVV	Publicly Owned Treatment Works	N
40 CFR 63 subpart XXX	Ferroalloy Production	N
40 CFR 63 subpart AAAA	Municipal Solid Waste (MSW) Landfills	N
40 CFR 63 subpart CCCC	Manufacturing of Nutritional Yeast	N
40 CFR 63 subpart DDDD	Plywood and Composite Wood Products	N
40 CFR 63 subpart EEEE	Organic Liquids Distribution (non-gasoline)	N
40 CFR 63 subpart FFFF	Misc. Organic Chemical Manufacturing (MON)	N
40 CFR 63 subpart GGGG	Solvent Extraction for Vegetable Oil Production	N
40 CFR 63 subpart HHHH	Wetted Formed Fiberglass Mat Production	N
40 CFR 63 subpart IIII	Automobile and Light Duty Trucks (surface coating)	N
40 CFR 63 subpart JJJJ	Paper & Other Web Coatings (paper, plastic, film, foil, etc.)	N
40 CFR 63 subpart KKKK	Metal Cans (Surface Coating)	N
40 CFR 63 subpart MMMM	Misc. Metal Parts and Products (Surface Coating)	N
40 CFR 63 subpart NNNN	Large Appliance (surface coating)	N
40 CFR 63 subpart OOOO	Fabric Printing, Coating and Dyeing	N
40 CFR 63 subpart PPPP	Plastic Parts and Products (Surface Coating)	N
40 CFR 63 subpart QQQQ	Wood Building Products (surface coating)	N
40 CFR 63 subpart RRRR	Metal Furniture (surface coating)	N
40 CFR 63 subpart SSSS	Metal Coil (surface coating)	N
40 CFR 63 subpart TTTT	Leather Finishing Operations	N
40 CFR 63 subpart UUUU	Cellulose Production Manufacturing	N
40 CFR 63 subpart VVVV	Boat Manufacturing	N
40 CFR 63 subpart WWWW	Reinforced Plastics Composites Production	N
40 CFR 63 subpart XXXX	Tire Manufacturing	N
40 CFR 63 subpart YYYY	Combustion Turbines	N
40 CFR 63 subpart ZZZZ	Reciprocating Internal Combustion Engines (RICE)	Y
40 CFR 63 subpart AAAAA	Lime Manufacturing	N
40 CFR 63 subpart BBBBB	Semiconductor Manufacturing	N
40 CFR 63 subpart CCCCC	Coke Ovens: Pushing, Quenching and Battery Stacks	N
40 CFR 63 subpart DDDDD	Industrial, Commercial, and Institutional Boilers and Process Heaters	N

PERMIT SHIELD		
Citation	**Regulation**	**Applicable (Y/N)**
40 CFR 63 subpart EEEEE	Iron and Steel Foundries	N
40 CFR 63 subpart FFFFF	Integrated Iron and Steel	N
40 CFR 63 subpart GGGGG	Site Remediation	N
40 CFR 63 subpart HHHHH	Misc. Coating Manufacturing	N
40 CFR 63 subpart IIIII	Mercury Cell Chlor-Alkali Plants	N
40 CFR 63 subpart JJJJJ	Brick and Structural Clay Products Manufacturing	N
40 CFR 63 subpart MMMMM	Flexible Polyurethane Foam Fabrication Operation	N
40 CFR 63 subpart NNNNN	Hydrochloric Acid Production and Fumed Silica Production	N
40 CFR 63 subpart PPPPP	Engine Test Cells/Stands	N
40 CFR 63 subpart QQQQQ	Friction Materials Manufacturing	N
40 CFR 63 subpart RRRRR	Taconite Iron Ore Processing	N
40 CFR 63 subpart SSSSS	Refractory Products Manufacturing	N
40 CFR 63 subpart TTTTT	Primary Magnesium Refining	N
40 CFR 63 subpart WWWW	Hospital Ethylene Oxide Sterilizers	N
40 CFR 63 subpart YYYYY	Area Sources: Electric Arc Furnace Steelmaking Facilities	N
40 CFR 63 subpart ZZZZZ	Area Sources: Iron and Steel Foundries	N
40 CFR 63 subpart BBBBBB	Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities	N
40 CFR 63 subpart CCCCCC	Gasoline Dispensing Facilities	N
40 CFR 63 subpart DDDDDD	Polyvinyl Chloride and Copolymers Production Area Sources	N
40 CFR 63 subpart EEEEEE	Primary Copper Smelting Area Sources	N
40 CFR 63 subpart FFFFFF	Secondary Copper Smelting Area Sources	N
40 CFR 63 subpart GGGGGG	Primary Nonferrous Metals Processing Area Sources	N
40 CFR 63 subpart HHHHHH	Paint Stripping & Miscellaneous Surface Coating Operations at Area Sources	N
40 CFR 63 subpart LLLLLL	Acrylic and Modacrylic Fibers Production Area Sources	N
40 CFR 63 subpart MMMMMM	Carbon Black Production Area Sources	N
40 CFR 63 subpart NNNNNN	Chromium Compound Chemical Manufacturing Area Sources	N
40 CFR 63 subpart OOOOOO	Flexible Polyurethane Foam Production & Fabrication Area Sources	N
40 CFR 63 subpart PPPPPP	Lead Acid Battery Manufacturing Area Sources	N
40 CFR 63 subpart QQQQQQ	Wood Preserving Area Sources	N
40 CFR 63 subpart RRRRRR	Clay Ceramics Manufacturing Area Sources	N

PERMIT SHIELD		
Citation	**Regulation**	**Applicable (Y/N)**
40 CFR 63 subpart SSSSSS	Glass Manufacturing Area Sources	N
40 CFR 63 subpart TTTTTT	Secondary Nonferrous Metals Processing Area Sources	N
40 CFR 63 subpart VVVVVV	Chemical Manufacturing Area Sources	N
40 CFR 63 subpart WWWWWW	Plating and Polishing Area Sources	N
40 CFR 63 subpart XXXXXX	Nine Metal Fabrication and Finishing Source Categories	N
40 CFR 63 subpart YYYYYY	Ferroyalloys Production Facilities Area Sources	N
40 CFR 63 subpart ZZZZZZ	Aluminum, Copper, and Other Nonferrous Foundries	N
40 CFR 63 subpart AAAAAAA	Asphalt Processing and Asphalt Roofing Manufacturing	N
40 CFR 63 subpart BBBBBB	Chemical Preparations Industry Area Sources	N
40 CFR 63 subpart CCCCCCC	Paints and Allied Products Manufacturing	N
40 CFR 63 subpart DDDDDDD	Prepared feeds Manufacturing Area Sources	N
40 CFR 64	Compliance Assurance Monitoring	N
40 CFR 68	Risk Management Programs Under Section 112(r)	N