



S.C. Department of Health and
Environmental Control

**Bureau of Air Quality
Title V Operating Permit**

**The ABC Company
123 South Carolina Ave.
Sunshine, South Carolina 29000
Sunshine County**

In accordance with the provisions of the Pollution Control Act, Sections 48-1-50(5) 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 December 12, 2009, as amended.

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-1234-5678

Issue Date:	July 7, 2015	Effective Date:	January 1, 2016
Expiration Date:	December 31, 2021	Renewal Due Date:	June 30, 2021

**Engineering Services Division
Bureau of Air Quality**

RECORD OF REVISIONS		
Date	Type	Description of Changes

AA Administrative Amendment
MM Minor Modification
SM Significant Modification

SAMPLE

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A. EMISSION UNIT DESCRIPTION

Emission Unit ID	Emission Unit Description
01	Kiln #1
02	Kiln #2
03	Kiln #3
04	Boiler #1

B. EQUIPMENT AND CONTROL DEVICE(S)

B.1 EQUIPMENT FOR EMISSION UNIT 01 – Drying Kiln #1

Equipment ID	Equipment Description	Installation/ Modification Date	Control Device ID	Emission Point ID
01	65.8x10 ⁶ bd-ft/yr Dry Batch Kiln	2014	N/A	Stack A

B.2 EQUIPMENT FOR EMISSION UNIT 02 - Drying Oven #2

Equipment ID	Equipment Description	Installation/ Modification Date	Control Device ID	Emission Point ID
02	65.8x10 ⁶ bd-ft/yr Dry Batch Kiln	2014	N/A	Stack B

B.3 EQUIPMENT FOR EMISSION UNIT 03 – Drying Kiln #3

Equipment ID	Equipment Description	Installation/ Modification Date	Control Device ID	Emission Point ID
03	65.8x10 ⁶ bd-ft/yr Dry Batch Kiln	2014	N/A	Stack C

B.4 EQUIPMENT FOR EMISSION UNIT 04 –Boiler #1

Equipment ID	Equipment Description	Installation/ Modification Date	Control Device ID	Emission Point ID
04	95.3 MMBTU/hr Wood Waste Boiler	2014	ESP1	Stack D

.5 CONTROL DEVICE(S) FOR EMISSION UNIT 04– Boiler #1

Control Device ID	Control Device Description	Installation/ Modification Date	Pollutant(s) Controlled
CD-1	Multiclone/Dry ESP	2014	PM/PM ₁₀

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Conditions
C.1	<p>Emission Unit ID: All Equipment ID: All Control Device ID: All</p> <p>Equipment capacities provided under the Equipment Description column of the Equipment Tables above are not intended to be permit limits unless otherwise specified within the Table of Conditions for the particular equipment. 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.</p>
C.2	<p>Emission Unit ID: All Equipment ID: All Control Device ID: All</p> <p>(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 5 years from the date the record was generated and shall be made available to a Department representative upon request.</p>
C.3	<p>Emission Unit ID: 04 Equipment ID: Boiler #1 Control Device ID: CD-1 - Multiclone/Dry ESP</p> <p>The owner/operator shall inspect, calibrate, adjust, and maintain continuous monitoring systems, monitoring devices, and gauges in accordance with manufacturer's specifications or good engineering practices. The owner/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.</p>
C4.	<p>Emission Unit ID: 04 Equipment ID: Boiler #1 Control Device ID: CD-1 - Multiclone/Dry ESP</p> <p>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 (i.e., pressure drop readings, etc.) and inspection checks shall be maintained in logs (written or electronic), along with any corrective action taken when deviations occur. Each incidence 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</p>

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Conditions				
	<p>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 incidences shall be submitted semiannually. If no incidences occurred during the reporting period then a letter shall indicate such.</p> <p>Any alternative method for monitoring control device performance must be preapproved by the Bureau and shall be incorporated into the permit as set forth in SC Regulation 61-62.70.7.</p>				
C.5	<p>Emission Unit ID: 01, 02, 03 Equipment ID: Dry Batch Kilns #1-3</p> <p>(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.</p> <p>The owner/operator shall perform a visual inspection on a semiannual basis during source operation. 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.</p> <p>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.</p>				
C.6	<p>Emission Unit ID: 01, 02, 03 Equipment ID: Dry Batch Kilns #1-3</p> <p>(S.C. Regulation 61-62.5, Standard No. 4, Section VIII) Particulate matter emissions shall be limited to the rate specified by use of the following equations:</p> <p style="padding-left: 40px;">For process weight rates less than or equal to 30 tons per hour $E = (F) 4.10P^{0.67}$ and</p> <p style="padding-left: 40px;">For process weight rates greater than 30 tons per hour $E = (F) 55.0P^{0.11} - 40$</p> <p style="padding-left: 40px;">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</p> <p>For the purposes of compliance with this condition, the process boundaries are defined as follows:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Process/Equipment IDs</th> <th style="text-align: center;">Max Process Weight Rate (ton/hr)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Dry Kiln 01-03</td> <td style="text-align: center;">11.4</td> </tr> </tbody> </table>	Process/Equipment IDs	Max Process Weight Rate (ton/hr)	Dry Kiln 01-03	11.4
Process/Equipment IDs	Max Process Weight Rate (ton/hr)				
Dry Kiln 01-03	11.4				

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Conditions
C.7	<p>Emission Unit ID: 01, 02, 03 Equipment ID: Dry Batch Kilns #1-3 (S.C. Regulation 61-62.5, Standard No. 7) The maximum throughput of the three dry batch kilns (3) is limited to 157.2 x10⁶ bd-ft/yr of lumber.</p> <p>The owner/operator must record actual monthly production rates and calculate yearly production on a twelve-month rolling sum. Reports of the calculated values and the twelve-month rolling sum shall be submitted semiannually.</p>
C.8	<p>Emission Unit ID: 01, 02, 03 Equipment ID: Dry Batch Kilns #1-3</p> <p>(S.C. Regulation 61-62.5, Standard No. 7) Volatile Organic Compounds (VOC) best available control technology (BACT) for all of the lumber drying kilns is work practice standards and maintenance. VOC emissions are based on an emission factor of 5.82 lb VOC/1,000 board feet (as terpene +methanol + formaldehyde).</p> <p>The owner/operator shall maintain records of all volatile organic compounds (VOC) emissions. These records shall include any documentation necessary to determine VOC emissions. VOC emissions shall be calculated on a monthly basis and a twelve-month rolling sum shall be calculated for total VOC emissions. Reports of the calculated values 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.</p> <p><u>Work Practice Standards:</u></p> <ol style="list-style-type: none"> 1. The lumber kiln drying operation target final moisture content will be 12% or greater for boards, 15% for all other lumber. 2. The lumber kiln will be operated following a dry-bulb temperature set-point drying schedule with a lower limit temperature (system will pause). The set point temperature and lower limit temperature shall be developed based on manufacturer's recommendations and operational history within 180 days of startup. A maximum operating temperature at which a corrective action shall be taken shall also be determined. 3. Routines for preventative maintenance will be as detailed in a monitoring plan based on manufacturer's recommendations or at least the minimum: <p>Daily Routine:</p> <ul style="list-style-type: none"> • Ensure all Resistance Temperature Detectors (RTDs) are working and placed in the right location. • Check lumber entrance/exit baffles for placement and damage and report problems in writing to the maintenance department. • Check kiln controls to confirm alarms are functioning properly. • Check motors and couplings on the system. • Check amp meters and indicator lights on pre-wired fan system.

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Conditions
	<ul style="list-style-type: none"> • Check air compressor for proper operation and pressure and leaks. <p>Weekly Routine:</p> <ul style="list-style-type: none"> • Drain water from transducers and air supplies. <p>Monthly Routine:</p> <ul style="list-style-type: none"> • Check bearing and bolts external to kiln. • Grease fan bearing inside kiln (via external lubrication points). • Check flash tank for leaks. • Check condensate pump bearings and couplings. • Grease kiln car wheels if bearings, inspect plastic if UHMW bushings. • Maintain proper operation of the control room's air conditioning/heater to provide appropriate temperature for electrical components. <p>Quarterly Routine:</p> <ul style="list-style-type: none"> • Clean tracks through kilns. • Inspect fans, bearings, and shafts. • Check internal baffles for damage and report problems in writing to the Maintenance Department. • Inspect kiln walls and structure for deterioration. • Check pusher system for proper operation, hydraulic leaks, and electrical connections. <p>Semi-Annually:</p> <ul style="list-style-type: none"> • Check for loose connections on electrical wires and RTDs. • Inspect kiln building and foundation for damage and repair. • Check air compressor and all air operated parts. <p>Annually:</p> <ul style="list-style-type: none"> • Check calibration of all transducers, valves, and vent control. • Check fan bearing taper lock for looseness or excessive wear. • Kiln operation control equipment will be calibrated as per manufacturer's specifications or other method approved by the Bureau of Air Quality. <p>Recordkeeping:</p> <ol style="list-style-type: none"> 1. Records shall be kept for each day the kiln is in operation. These records will contain, as a minimum, the date, and dry-bulb actual and set-point temperature. 2. For each visual inspection, a log book will contain the date, the initials of the personnel conducting the inspection, results of the inspection, documentation of any maintenance performed and any calibration performed on the kiln operation control equipment. <p>Reporting:</p> <p>A semiannual report shall be submitted that documents any exceedance of work practice standards, including date and time, cause, and corrective action taken. If no incidences occurred during the reporting period then a letter shall indicate such.</p>

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Conditions
C.9	<p>Emission Unit ID: 01, 02, 03 Equipment ID: Dry Batch Kilns #1-3</p> <p>(S.C. Regulation 61-62.5, Standard No. 5.2, Section III) This source is limited to 0.154 lb/MMBtu of oxides of nitrogen (NO_x) resulting from fuel burning.</p> <p>(S.C. Regulation 61-62.5, Standard No. 5.2, Section IV) 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.</p> <p>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.</p> <p>The owner or operator shall develop and retain a tune-up plan on file.</p>
C.10	<p>Emission Unit ID: 04 Equipment ID: Boiler #1 Control Device ID: CD-1 - Multiclone/Dry ESP</p> <p>(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.</p> <p>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 <i>Low NO_x Burner Assembly Replacement Notification Form D-2935</i>. Those affected 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.</p> <p>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.</p> <p>All tune-up records are required to be maintained on site and available for inspection by the</p>

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(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Conditions
	<p>Department for a period of five (5) years from the date generated.</p> <p>The owner or operator shall develop and retain a tune-up plan on file.</p>
C.11	<p>Emission Unit ID: 04 Equipment ID: Boiler #1 Control Device ID: CD-1 - Multiclone/Dry ESP</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>Site-specific test plans and amendments, notifications, and source test reports shall be submitted to the Manager of the Source Evaluation Section, Bureau of Air Quality.</p>
C.12	<p>Emission Unit ID: 04 Equipment ID: Boiler #1 Control Device ID: CD-1 - Multiclone/Dry ESP</p> <p>(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 opacity limit may be exceeded for sootblowing, but may not be exceeded for more than 6 minutes in a one hour period nor be exceeded for more than a total of 24 minutes in a 24 hour period. Emissions caused by sootblowing shall not exceed an opacity of 60%.</p> <p>The opacity standards set forth above do not apply during startup or shutdown. Owners and operators shall, to the extent practicable, maintain and operate any source including associated air pollution control equipment in a manner consistent with good air pollution control practices for minimizing emissions.</p> <p>The owner or operator shall submit a written Continuous Opacity Monitor report to the Department semi-annually. All semi-annual reports must be postmarked by the 30th day following the end of each semi-annual period. The report shall include, at a minimum, the information in item a. below. A letter shall be sent in lieu of a semi-annual report if no incidences</p>

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Conditions
	<p>occurred during the reporting period.</p> <p>a. All integrated six (6) minute opacity measurements for periods during which the applicable provisions of Section I have been exceeded, together with their nature and cause.</p> <p>The owner or operator shall maintain a log of the time, magnitude, duration, and any other pertinent information to determine periods of startup and shutdown and make available to the Department upon request.</p>
C.13	<p>Emission Unit ID: 04 Equipment ID: Boiler #1 Control Device ID: CD-1 - Multiclone/Dry ESP</p> <p>(S.C. Regulation 61-62.5, Standard No. 1, Section II) The maximum allowable discharge of particulate matter resulting from this source is 0.6 pounds per million BTU input.</p> <p>(S.C. Regulation 61-62.5, Standard No. 1, Section IV) A source test for particulate matter emissions shall be conducted every 2 years. The source test will be used to show compliance with the particulate matter standard.</p>
C.14	<p>Emission Unit ID: 04 Equipment ID: Boiler #1 Control Device ID: CD-1 - Multiclone/Dry ESP</p> <p>(S.C. Regulation 61-62.5, Standard No. 1, Section III) The maximum allowable discharge of sulfur dioxide (SO₂) resulting from this source is 2.3 pounds per million BTU input.</p> <p>The facility has submitted a fuel analysis to the Department documenting compliance with this requirement.</p>
C.15	<p>Emission Unit ID: 04 Equipment ID: Boiler #1 Control Device ID: CD-1 - Multiclone/Dry ESP</p> <p>This boiler is permitted to burn only virgin wood waste as fuel. The source can use diesel and other similar oils such as hydraulic oil for start-up only. The use of any other substances including used oil as fuel is prohibited without prior written approval from the Department.</p> <p>The permittee must record monthly the wood waste combusted in the boiler and calculate the wood waste combusted on a twelve-month rolling sum. Records of wood waste combusted shall be maintained on-site. The owner/operator shall submit semiannual reports of these records.</p>
C.16	<p>Emission Unit ID: 04 Equipment ID: Boiler #1 Control Device ID: CD-1 - Multiclone/Dry ESP</p> <p>(SC Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section II) -</p>

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Conditions
	<p>Particulate Matter Emissions, the allowable discharge of particulate matter resulting from the fuel burning operations is 0.6 lb/10⁶ BTU input.</p> <p>New South Lumber Co., Inc. - Conway Plant is required to comply with Regulation 61-62.5, Standard 1, Section VI and shall conduct a Particulate Matter test as required by the Department in order to demonstrate compliance. The test methods and procedures used shall be approved EPA test methods and approved by the Department prior to testing.</p> <p>a) A source test for Particulate Matter emissions indicating compliance with permit standards will be performed every two years, starting no later than the last scheduled source test.</p> <p>b) Tests shall be conducted while the source is operating at the expected maximum production rate or operating conditions which would result in the highest emissions. Any production rate less than rated capacity may result in production limitations on the permit.</p> <p>The owner/operator shall continue to operate and maintain a pressure drop gauge to measure the pressure drop across the primary and secondary sections of the multiclone as the measurement approach. Pressure drop monitoring shall be used to provide assurance of compliance with SC Regulation 61-62.5, Standard No. 1 (0.6 lb PM/10⁶ BTU heat input and Opacity of 20%).</p> <p>The owner/operator shall continue to operate and maintain primary and secondary voltage meters for each field. Each parameter shall be recorded daily during source operation. Semiannual summary reports, including any variances from established parameters and appropriate corrective action taken during the reporting period shall be submitted. The ESP shall be in place and operational whenever processes controlled by the ESP are running, except during periods of ESP malfunction or mechanical failure.</p> <p>Operational ranges for the monitored parameters have been established to provide a reasonable assurance of compliance. 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 in compliance. The facility shall maintain previously established operational ranges for these monitored parameters. The operating ranges may be updated using this procedure, following submittal to the Bureau.</p>

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D. NESHAP PERIODIC REPORTING SCHEDULE SUMMARY

NESHAP Part	NESHAP Subpart	Compliance Monitoring Report Submittal Frequency	Reporting Period	Report Due Date
63	ZZZZ (Emergency Generators see note 3 and 4)	N/A	N/A	N/A
63	DDDD	Semi-Annual	January 1 through June 30 July 1 through December 31	Postmarked or delivered no later than 31 calendar days after the end of the semiannual reporting period.
63	DDDDD	Semi-Annual	January 1 through June 30 July 1 through December 31	Postmarked or delivered no later than 31 calendar days after the end of the semiannual reporting period.

1. This table summarizes only the periodic compliance reporting schedule. Additional reports may be required. See specific NESHAP Subpart for additional reporting requirements and associated schedule.
2. This reporting schedule does not supersede any other reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, 40 CFR Part 63, and/or Title V. The MACT reporting schedule may be adjusted to coincide with the Title V reporting schedule with prior approval from the Department in accordance with 40 CFR 63.10(a)(5). This request may be made 1 year after the compliance date for the associated MACT standard.
3. Facilities with emergency generators are not required to submit reports. Only facilities with non-emergency engines are required to submit semiannual reports.
4. Facilities with emergency engines shall comply with the operations limits specified in 40 CFR 63.6640(f).

E. NESHAP – CONDITIONS

Condition Number	Conditions
E.1	All NESHAP notifications and reports shall be sent to the Manager of the Air Toxics Section, South Carolina Department of Health and Environmental Control - Bureau of Air Quality.
E.2	All NESHAP notifications and the cover letter to periodic reports shall be sent to the United States Environmental Protection Agency (US EPA) at the following address or electronically as required by the specific subpart: <p style="text-align: center;">US EPA, Region 4 Air, Pesticides and Toxics Management Division 61 Forsyth Street SW Atlanta, GA 30303</p>
E.3	Emergency power generators less than or equal to 150 kilowatt (kW) rated capacity or 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 with a method to record the actual hours of use such as an hour meter have been determined to be exempt from construction permitting requirements

E. NESHAP – CONDITIONS

Condition Number	Conditions
	<p>in accordance with South Carolina Regulation 61-62.1. These sources shall still comply with the requirements of all applicable regulations including but not limited to the following:</p> <p>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).</p>
E.4	<p>This facility has processes subject to the provisions of S.C. Regulation 61-62.63 and 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and DDDD. Existing affected sources shall be in compliance with the requirements of these Subparts on the compliance date, unless otherwise noted. Any new affected sources shall comply with the requirements of these Subparts upon initial start-up unless otherwise noted.</p>
E.5	<p>This facility has processes subject to the provisions of S.C. Regulation 61-62.63 and 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and DDDDD - National Emission Standards For Hazardous Air Pollutants For Major Sources: Industrial, Commercial, and Institutional Boilers And Process Heaters. Existing affected sources shall be in compliance with the requirements of these Subparts on the compliance date, unless otherwise noted. Any new affected sources shall comply with the requirements of these Subparts upon initial start-up unless otherwise noted.</p>

F. COMPLIANCE SCHEDULE - RESERVED

G. PERMIT SHIELD

Condition Number	Conditions
G.1	<p>(S.C. Regulation 61-62.70.6.f) A copy of the "applicability determination" submitted with the Part 70 permit application is included as Attachment – 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 Attachment – 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. Exceptions to this are stated below in the Permit Shield Exceptions Table. The owner or operator shall also be shielded from the non-applicable requirements specified in Attachment – Applicable and Non-Applicable Federal and State Regulations. Exceptions to this are stated below in the Permit Shield Exceptions Table.</p> <p>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</p>

G. PERMIT SHIELD

Condition Number	Conditions
	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	
S.C. Regulation 61-62.1 - Definitions and General Requirements	
S.C. Regulation 61-62.3 - Air Pollution Episodes	
SC Regulation 61-62.5 Standard No. 7, Prevention of Significant Deterioration	
40 CFR Part 61 Subpart M, National Emission Standard for Asbestos	
40 CFR 63 Subpart DDDDD, National Emission Standards For Hazardous Air Pollutants For Major Sources: Industrial, Commercial, And Institutional Boilers And Process Heaters	
40 CFR 63 Subpart DDDD, National Emission Standards For Hazardous Air Pollutants For Plywood and Composite Wood Products	
40 CFR Part 63 Subpart QQQQ - National Emission Standards For Hazardous Air Pollutants For Surface Coating Of Wood Building Products	
40 CFR 60 Subpart IIII - Standards of performance for stationary compression ignition internal combustion engines	

H. PERMIT FLEXIBILITY

Condition Number	Conditions
H.1	The facility may install, remove, and modify insignificant activities as defined in S.C. Regulation 61-62.70.5.c and exempt sources as listed in S.C. Regulation 61-62.1, Section II.B, 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/or exempt, and shall be made available to a Department representative upon request. The list shall be submitted with the next renewal application.

I. AMBIENT AIR STANDARDS REQUIREMENTS

Condition Number	Conditions
I.1	Air dispersion modeling (or other method) has 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

I. AMBIENT AIR STANDARDS REQUIREMENTS

Condition Number	Conditions
	<p>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. The emission rates used in the determination are listed in Attachment - Emission Rates for Ambient Air Standards of this permit. Higher emission rates may be administratively incorporated into Attachment - Emission Rates for Ambient Air Standards of this permit provided a demonstration using these higher emission rates shows the attainment and maintenance of any state or federal ambient air quality standard or with any other applicable requirement. 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.</p> <p>The owner/operator shall maintain this facility at or below the emission rates as listed in Attachment - Emission Rates for Ambient Air Standards, not to exceed the pollutant limitations of this permit. Should the facility wish to increase the emission rates listed in Attachment - Emission Rates for Ambient Air Standards, not to exceed the pollutant limitations in the body of this permit, it may do so by the administrative process specified above. This is a State Only enforceable requirement.</p>

J. PERIODIC REPORTING SCHEDULE

Compliance Monitoring Report Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
Quarterly	January-March April-June July-September October-December	April 30 July 30 October 30 January 30
Semiannual	January-June April-September July-December October-March	July 30 October 30 January 30 April 30

Note: This reporting schedule does not supersede any federal reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, and 40 CFR Part 63. All federal reports must meet the reporting time frames specified in the federal standard unless the Department or EPA approves a change.

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K. TITLE V COMPLIANCE CERTIFICATION REPORTING SCHEDULE

Title V Compliance Certification Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
Annual	January-December April-March July-June October-September	February 14 May 15 August 14 November 14

L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Conditions
L.1	Reporting required in this permit, shall be submitted in a timely manner as directed in the Title V Periodic Reporting Schedule and the Title V Compliance Certification Reporting Schedule of this permit. All required reports must be certified by a responsible official consistent with S.C. Regulation 61-62.70.5.d.
L.2	All reports and notifications required under this permit shall be submitted to the person indicated in the specific condition at the following address: <p style="text-align: center;">2600 Bull Street Columbia, SC 29201</p> The contact information for the local EQC Regional office can be found at: <p style="text-align: center;">http://www.scdhec.gov</p>
L.3	Unless elsewhere specified within this permit, all reports required under this permit shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality.
L.4	All Title V Annual Compliance Certifications shall be sent to the US EPA, Region 4, Air Enforcement Branch and to the Manager of the Technical Management Section, Bureau of Air Quality. <p style="text-align: center;">US EPA, Region 4 Air Enforcement Branch 61 Forsyth Street SW Atlanta, GA 30303</p>
L.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: <ol style="list-style-type: none"> 1. Records of required monitoring information shall include the following: <ol style="list-style-type: none"> 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 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 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.

L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Conditions
L.6	<p>(S.C. Regulation 61-62.1, Section II.J) For sources not required to have continuous emissions 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 hour or more and which are greater than those discharges described for normal operation in the permit application shall be reported to the Department's local Environmental Quality Control Regional office within 24 hours after the beginning of the occurrence.</p> <p>The owner/operator shall also submit a written report within 30 days of the occurrence. This report shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality and shall include, at a minimum, the following:</p> <ol style="list-style-type: none"> 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.
L.7	<p>(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:</p> <ol style="list-style-type: none"> 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 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.
L.8	<p>(S.C. Regulation 61-62.1, Section II.M) Within 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 Director of Engineering Services 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</p>

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L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Conditions
	will be effective upon written approval by the Department.

M. GENERAL FACILITY WIDE

Condition Number	Conditions
M.1	The owner or operator shall comply with S.C. Regulation 61-62.2 "Prohibition of Open Burning."
M.2	The owner or operator shall comply with S.C. Regulation 61-62.3 "Air Pollution Episodes."
M.3	The owner or operator shall comply with S.C. Regulation 61-62.4 "Hazardous Air Pollution Conditions."
M.4	The owner or operator shall comply with S.C. Regulation 61-62.6 "Control of Fugitive Particulate Matter", Section III "Control of Fugitive Particulate Matter Statewide."
M.5	The owner or operator shall comply with the standards of performance for asbestos abatement operations pursuant to 40 CFR Part 61.145, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
M.6	The owner or operator shall comply with the standards of performance for asbestos abatement operations pursuant to S.C. Regulation 61-86.1, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
M.7	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 (fleet) vehicles 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.
M.8	(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.
M.9	(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.
M.10	(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.
M.11	(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 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
M.12	(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.
M.13	(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

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M. GENERAL FACILITY WIDE

Condition Number	Conditions
	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.
M.14	(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.
M.15	(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: <ol style="list-style-type: none"> 1. 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. 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. 3. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit. 4. 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.
M.16	(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: <ol style="list-style-type: none"> 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 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. <p>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.</p>
M.17	(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.
M.18	(S.C. Regulation 61-62.70.6.a.4) According to 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

M. GENERAL FACILITY WIDE

Condition Number	Conditions
	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.
M.19	(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.
M.20	Requests for permit modification and amendments shall be submitted on the appropriate Department approved Title V Modification Form(s).
M.21	(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. Failure to pay applicable fee can be considered grounds for permit revocation.
M.22	(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 Emissions Inventory Reports shall be submitted to the Manager of the Emissions Inventory Section, Bureau of Air Quality. This requirement notwithstanding, an emissions inventory may be required at any time in order to determine the compliance status of any facility.
M.23	This permit expressly incorporates insignificant activities. Emissions from these activities shall be included in the emissions inventory submittals as required by S.C. Regulation 61-62.1, Section III.B.2.g.

NOTE: This example does not include attachments.