

JEFFERSON COUNTY DEPARTMENT OF HEALTH

AIR POLLUTION PROGRAM

TITLE V OPERATING PERMIT

Permittee: Precoat Metals, a division of Sequa Corporation

Location: 3399 Davey Allison Boulevard
Hueytown, AL 35023

Permit No: 4-07-0556-04

Issuance Date: May 10, 2022

Expiration Date: May 9, 2027

Nature of Business: Metal Coil Surface Coating

Emissions Unit No.	Emissions Unit Description
001	Metal Coil Surface Coating Operation Subject to 40 CFR 60, Subpart TT and 40 CFR 63, Subpart SSSS
002	20 MMBtu/hr Natural Gas Fired Boiler Subject to 40 CFR 60, Subpart Dc & 40 CFR 63, Subpart DDDDD
003	Lime Bag Dump Station

This Permit is issued pursuant to and is conditioned upon the compliance with the provisions of the Jefferson County Board of Health Air Pollution Control Rules and Regulations, the applicable requirements of the Clean Air Act implementation plan for Alabama approved or promulgated by the United States Environmental Protection Agency (EPA) through rulemaking under title I of the Clean Air Act (identified in 40 CFR 52, Subpart B) and other applicable requirements as defined in section 18.1.1(e) of the Jefferson County Board of Health Rules and Regulations, Section 18 of the Alabama Air Pollution Control Act of 1971, Act No. 769 (Regular Session, 1971), Section 22-28-16 of the Alabama Air Pollution Control Act as amended, Orders of the Jefferson County Board of Health, Orders of the Director of the Alabama Department of Environmental Management (ADEM), and any applicable local, state or federal Court Order. This Permit is subject to the accuracy of all information submitted relating to the permit application and to the conditions appended hereto. It is valid from the date of issuance until the expiration date and shall be posted or kept under file at the source location described above and shall be made readily available for inspection at any reasonable time to any and all persons who may request to see it. This Permit is not transferable.

Pursuant to the Clean Air Act, conditions of this permit are federally enforceable by EPA, The Jefferson County Board of Health, ADEM and citizens in general. However, provisions that are not required by the Clean Air Act or under any of its applicable requirements, are considered to be Jefferson County provisions and are not federally enforceable by EPA and citizens in general. Those provisions are contained in separate Sections of this Operating Permit and are specifically identified as not being federally enforceable.



Jonathan Stanton, Director
Environmental Health Services

Approved: Mark Wilson, M.D.
Health Officer



ENV-AP-107-10/11

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In addition to compliance with Alabama Air Pollution Control Act Number 769 (Regular Session, 1971) and Act Number 612 (Regular Session, 1982) and with all applicable Air Pollution Control Rules and Regulations, the conditions which are listed below are hereby contained in and made a part of this permit. For each citation to a Jefferson County Board of Health regulation provided in connection with a permit condition (other than for those permit conditions that are specifically identified in the permit as not being federally enforceable), Appendix A to this permit identifies the corresponding ADEM regulation that has been approved by EPA as part of the Clean Air Act implementation plan for Alabama (identified in 40 CFR 52, Subpart B). The corresponding ADEM regulations, together with the cited Jefferson County Board of Health regulations, serve as the origin and authority for the associated permit term or condition.

GENERAL PERMIT CONDITIONS

No.	General Permit Conditions	Regulations
	Definitions	
1.	<p>For the purposes of this Major Source Operating Permit, the following terms will have the meanings ascribed to in this permit:</p> <p>“40 CFR 51” is an acronym for Part 51 of Title 40 of the Code of Federal Regulations.</p> <p>“40 CFR 52” is an acronym for Part 52 of Title 40 of the Code of Federal Regulations.</p> <p>“40 CFR 60” is an acronym for Part 60 of Title 40 of the Code of Federal Regulations.</p> <p>“40 CFR 61” is an acronym for Part 61 of Title 40 of the Code of Federal Regulations.</p> <p>“40 CFR 63” is an acronym for Part 63 of Title 40 of the Code of Federal Regulations.</p> <p>“40 CFR 68” is an acronym for Part 68 of Title 40 of the Code of Federal Regulations.</p> <p>“40 CFR 98” is an acronym for Part 98 of Title 40 of the Code of Federal Regulations.</p> <p>“Act” means the Clean Air Act, as amended, 42 U.S.C. §7401, et seq.</p> <p>“ADEM” means the Alabama Department of Environmental Management.</p> <p>“Carbon dioxide equivalent or CO₂e” means the number of metric tons of CO₂ emissions with the same global warming potential as one metric ton of another greenhouse gas, and is calculated using Equation A-1 of 40 CFR 98.</p> <p>“Department” shall mean the Jefferson County Department of Health.</p> <p>“Deviation” means any instance in which the permittee fails to meet any requirement or obligation established by regulation, including but not limited to any emission limitation, operating limit, work practice standard, or any permit term or condition, or fails to meet any term or condition adopted to implement an applicable requirement, including but not limited to emission limitations during periods of startup, shutdown or malfunction. A deviation is not always a violation. The determination of whether a deviation is a violation is at the discretion of the enforcement authority.</p> <p>“Emergency” means any situation arising from sudden and reasonably unforeseeable events beyond the control of the facility, including acts of God. These are situations that require immediate corrective actions(s) to restore normal operation, and that cause the facility to exceed a technology based emission limitation set by the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.</p>	<p>1.3 98.2 63.5110</p>

No.	General Permit Conditions	Regulations
	<p>“Emissions unit” means any part or activity of a stationary source that emits or has the potential to emit any regulated air pollutant or any pollutant listed under Section 112(b) of the Act.</p> <p>“EPA” means the U.S. Environmental Protection Agency.</p> <p>“Fugitive emissions” means any pollutant released to the atmosphere that is not discharged through a system of equipment that is specifically designed to capture pollutants at the source, convey them through ductwork, and exhaust them using forced ventilation. Fugitive emissions include pollutants released to the atmosphere through windows, doors, vents, or other building openings. Fugitive emissions also include pollutants released to the atmosphere through other general building ventilation or exhaust systems not specifically designed to capture pollutants at the source.</p> <p>“GHG” is an acronym for greenhouse gases as listed in table A-1 of 40 CFR 98.</p> <p>“HAP” shall be an acronym for Hazardous Air Pollutant as listed in Appendix D of the Rules and Regulations.</p> <p>“Month” means a calendar month or a pre-specified period of 28 days to 35 days to allow for flexibility in recordkeeping when data are based on a business accounting period. <i>40 CFR 63, Subpart SSSS</i></p> <p>“NSPS” is an acronym for “New Source Performance Standards.”</p> <p>“NESHAP” is an acronym for “National Emission Standards for Hazardous Air Pollutants.”</p> <p>“Permittee” means the holder of an operating permit issued by the Department.</p> <p>“Responsible official” means a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and the delegation of authority to such representatives is approved in advance by the Department.</p> <p>“Rules and Regulations” shall mean the Jefferson County Board of Health Air Pollution Control Rules and Regulations.</p> <p>“Source” shall mean any building, structure, facility, installation, article, machine, equipment, device, or other contrivance which emits or may emit any air contaminant. Any activity which utilizes abrasives or chemicals for cleaning or any other purpose (such as cleaning the exterior of buildings) which emits air contaminants shall be considered a source.</p> <p>“Stationary Source” means any building, structure, facility or installation that emits or may emit any regulated pollutant as defined in Part 18.1 of the Rules and Regulations or any pollutant listed in Appendix D of the Rules and Regulations.</p> <p>“Volatile Organic Compound” means any compound of carbon excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate, which participates in atmospheric photochemical reactions. This includes any such organic compound other than those listed under Part 1.3 of the Rules and Regulations and/or under 40 CFR §51.100(s)(1).</p> <p>In addition, the individual definitions as specified in each applicable rule, regulation, or standard shall be utilized where applicable.</p>	

No.	General Permit Conditions	Regulations
	General Conditions	
2.	<p><u>Basis for Permit</u> This Operating Permit is issued based on provisions contained in all existing Jefferson County Board of Health Air Pollution Control Rules and Regulations (hereinafter called Rules and Regulations in this permit). In the event amendments, revisions or additions are made to these Rules and Regulations, it shall be the responsibility of the permit holder (hereinafter called the permittee in this permit) to comply with such new Rules and Regulations. Additions and revisions to the conditions in this Operating Permit will be made by the Jefferson County Department of Health (hereinafter called the Department), if necessary, to assure that the Rules and Regulations are not violated.</p>	AL Act 769
3.	<p><u>Authority</u> Nothing in this Operating Permit or conditions appended thereto shall negate any authority granted to this Department or the Health Officer pursuant to Alabama Air Pollution Control Act No. 769 (Regular Session, 1971) and Act No. 612 (Regular Session, 1982) or any regulations promulgated thereunder.</p>	AL Act 769
4.	<p><u>Acceptance of Permit</u> The permittee is required to bring the operation of a source within the standards of Paragraph 18.2.8(a) of the Rules and Regulations. Commencing construction or operation of the source shall be deemed acceptance of all conditions specified. A Title V Operating Permit with revised conditions may be issued upon receipt of a new application if the permittee demonstrates that the source can operate within the standard of Paragraph 18.2.8(a) of the Rules and Regulations under the revised conditions. This Title V permit supersedes all Title V Permits previously issued by the Department to this facility. The permittee shall return the expired permit(s) to the Department within 30 days after this permit is issued.</p>	18.2.4
5.	<p><u>Compliance With Existing and Future Regulations</u> A. The permittee shall comply with all conditions of the Rules and Regulations. B. The permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance. C. The permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit, and shall follow any more detailed schedule of compliance set forth in the applicable requirement. D. The permittee shall be subject to MACT standards from the date of publication by EPA.</p>	18.5.6 18.4.8(h) 18.7.3 18.7.6
6.	<p><u>Noncompliance</u> The permittee shall comply with all terms and conditions of the permit. Noncompliance with any term or condition of a permit will constitute a violation of the Act and the Rules and Regulations and may result in enforcement action; including but not limited to, permit termination, revocation and reissuance, or modification; or denial of a permit renewal application.</p>	70.6(a)(6)(i) 18.5.6
7.	<p><u>Compliance Defense</u> The permittee shall not use as a defense in an enforcement action, that maintaining compliance with permit conditions would have required halting or reducing the permitted activity.</p>	18.5.7
8.	<p><u>Credible Evidence</u> Any credible evidence or information relevant to whether a source may have been in compliance with applicable requirements can be used to establish whether or a not an owner or operator has violated or is in violation of any rule or standard in these Regulations and/or any applicable provisions of 40 CFR 60.</p>	1.18 60.11(g)

No.	General Permit Conditions	Regulations
9.	<p><u>Circumvention</u> No person shall cause or permit the installation or use of any device or any means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes any emission of air contaminants which would otherwise violate these rules and regulations.</p>	1.15 60.12
10.	<p><u>Bypass of Control Equipment Prohibited</u> The permittee shall not bypass, without prior approval from this Department, any air pollution control device. The permittee shall not shut down any air pollution control device unless such shutdown is accompanied by the corresponding shutdown of the respective source which the device is intended to control.</p>	18.2.4
11.	<p><u>Shutdown of Control Equipment</u> In the case of shutdown of air pollution control equipment for scheduled maintenance, the intent shall be reported to this Department at least 24 hours prior to the planned shutdown unless the scheduled shutdown is accompanied with the shutdown of the source being controlled, including the information listed in Section 1.12.1.</p>	1.12.1
12.	<p><u>Maintenance of Controls</u> If a control device is installed at the facility, the following requirements apply:</p> <ul style="list-style-type: none"> A. The permittee shall equip each fabric filter particulate matter control device with a pressure differential measuring device to measure the pressure drop across the filter media in the control device. The device shall be installed in a location which is easily accessible for inspection by Department personnel. B. All air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in accordance with the manufacturer's specifications or alternative procedures approved by the Department so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emissions of air contaminants shall be maintained near the source and provided to the Department upon request. C. The permittee shall conduct routine inspections on all required control equipment. All inspection results and repair work performed on the pollution control device shall be recorded. These records shall be kept in a permanent form suitable for inspection. 	18.2.4 18.5.3(a)(2)
13.	<p><u>Nothing in this Operating Permit shall alter or affect the following:</u></p> <ul style="list-style-type: none"> A. The provisions of Section 303 of the Act (emergency orders), including the authority of the Administrator under that section; B. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance; C. The applicable requirements of the acid rain program, consistent with Section 408(a) of the Act; or D. The ability of EPA to obtain information from a source pursuant to Section 114 of the Act. 	18.10.3
14.	<p><u>Additional Information and Corrected Information</u> The permittee shall submit any additional information to the Department to supplement or correct an application promptly after becoming aware of the need for additional or corrected information. Also, the permittee shall submit additional information concerning any new requirements which have become applicable after a complete application has been filed but before a draft permit is released. Any change in the information already provided pursuant to 40 CFR 63 shall be provided in writing within 15 calendar days after the change.</p>	18.4.7 63.9(j)
15.	<p><u>Display and Availability of Permit</u> The permittee shall keep this Operating Permit under file or on display at all times at the site where the source is located and shall make the permit available for inspection by any and all persons who may request to see it.</p>	18.2.2

No.	General Permit Conditions	Regulations
16.	<p><u>Payment of Fees</u> The permittee must have paid all fees required by the Rules and Regulations or the Operating Permit is not valid. Payment of operating permit fees required under Chapter 16 of the Rules and Regulations shall be made on or before the date specified under Section 16.5.1 of the Rules and Regulations of each year. Failure to make payment of fees within 30 days of the specified date shall cause the assessment of a late fee of 3% (of the original fee) per month or fraction thereof.</p>	<p>18.5.11 16.1 16.4 16.5</p>
17.	<p><u>Transfer</u> This permit is not transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another or from one person to another except as provided in Subparagraph 18.13.1(a)(5) of the Rules and Regulations.</p>	<p>18.2.6</p>
18.	<p><u>New Air Pollution Sources and Changes to Existing Units</u> A new permit application must be made for new sources, replacements, alterations or design changes which may result in the issuance of, or an increase in the issuance of, air contaminants, or the use of which may eliminate or reduce or control the issuance of air contaminants. For any new source or modification of an existing source subject to 40 CFR 63, the permittee shall submit an application as required by 63.5.</p>	<p>1.5.15 60.7(a)(4) 63.5</p>
19.	<p><u>Construction Not In Accordance with Applications</u> If the source permitted herein has not been constructed in accordance with the Operating Permit application and if the changes noted are of a substantial nature in that the amount of air contaminants emitted by the source may be increased or in that the effect is unknown, then the Operating Permit shall be revoked. No further application for an Operating Permit shall be accepted until the source has been reconstructed in accordance with the Operating Permit or until the permittee has proven to the Department that the change will not cause an increase in the emission of air contaminants.</p>	<p>18.2.8(e)</p>
20.	<p><u>Expiration</u> A source's right to operate shall terminate upon the expiration of this Operating Permit unless a timely complete renewal application has been submitted at least 6 months, but not more than 18 months before the date of expiration or the Department has taken final action approving the source's application for renewal by the expiration date. The expiration date of this Operating Permit is printed on the first page of this permit.</p>	<p>18.4.3 18.5.2 18.12.2(b)</p>
21.	<p><u>Revocation</u> This Operating Permit may be revoked for any of the following reasons: A. Failure to comply with any conditions of the permit; B. Failure to establish and maintain such records, make such reports, install, use and maintain such monitoring equipment or methods; and sample such emissions in accordance with such methods at such locations, intervals and procedures as may be prescribed in accordance with Section 1.9.2 of the Rules and Regulations; C. Failure to comply with any provisions of any Department administrative order issued concerning the permitted facility; D. Failure to allow entry and inspections by properly identified Department personnel; E. Failure to comply with the Rules and Regulations; or F. For any other cause, after a hearing which establishes, in the judgment of the Department, that continuance of the permit is not consistent with the purpose of the Act or Rules and Regulations.</p>	<p>18.2.9</p>
22.	<p><u>Severability</u> In case of legal challenge to any portion of this Title V Operating Permit, the remainder of the permit conditions shall continue in force.</p>	<p>18.5.5</p>

No.	General Permit Conditions	Regulations
23.	<p><u>Reopening for Cause</u> Under any of the following circumstances, this Operating Permit will be reopened and revised prior to the expiration of the permit:</p> <ul style="list-style-type: none"> A. Additional applicable requirements under the Clean Air Act become applicable to the permittee with a remaining permit term of 3 or more years. Such a reopening shall be completed no later than 18 months after promulgation of the applicable requirements. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire. B. Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into this permit. C. The Department, ADEM or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit. D. The Administrator, ADEM or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements. 	18.13.5
24.	<p><u>Changes or Termination for Cause – No Stay of Permit Conditions</u> This permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance or termination, or of a notification of a planned change or anticipated noncompliance will not stay any permit condition.</p>	18.5.8
25.	<p><u>Submission of Information</u> The permittee shall furnish to the Department within 30 days, or for such other reasonable time as the Department may set, any information that the Department may request in writing copies of records required to be kept by the permit to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance. Upon receiving a specific request, the permittee shall also furnish to the Department copies of records required to be kept by the permit. For information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.</p>	18.5.10 70.6(a)(6)(v)
26.	<p><u>Entry and Inspections</u> The permittee shall allow the Department or authorized representative, upon presentation of credentials and other documents that may be required by law, to conduct the following:</p> <ul style="list-style-type: none"> A. Enter upon the permittee's premises where a source is located or emissions related activity is conducted or where records are kept pursuant to the permit conditions; B. Review and/or copy at reasonable times any records kept pursuant to the permit conditions; C. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices or operations required by the permit; and D. Sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or other applicable requirements. <p>Denial of access upon proper identification is grounds for permit revocation.</p>	1.8 18.7.2 18.2.9(d)
27.	<p><u>Flexibility Changes</u> Certain changes (per Section 502 (b)(10) of the Act) can be made to this Operating Permit without a revision if no modification as defined in the Rules and Regulations would occur and the changes do not exceed the emissions allowed under this permit provided that written notification is sent to the Department and EPA at least 7 days before the change is made. The written notification shall describe the proposed change, the date of the change, any change in emissions, and any term or condition of the permit which is no longer valid due to the change.</p>	18.13.2

No.	General Permit Conditions	Regulations
28.	<p><u>Minor Permit Modifications</u></p> <p>Minor permit modification procedures may be used only for those permit modifications that:</p> <ul style="list-style-type: none"> A. Do not violate any applicable requirement; B. Do not involve significant changes to existing monitoring, reporting, or record keeping requirements in the permit; C. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis; D. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include: <ul style="list-style-type: none"> 1. A federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I of the Act; and 2. An alternative emissions limit approved pursuant to regulations promulgated under §112(i)(5) of the Act; E. Are not modifications under any provision of title I of the Act; and F. Are not required by Section 18.13.4 to be processed as a significant modification. G. Notwithstanding Subparagraph 18.13.3(a)(1) of this regulation, minor permit modification procedures may be used for permit modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches, to the extent that such minor permit modification procedures are explicitly provided for in an applicable implementation plan or in applicable requirements promulgated by EPA. <p>An application requesting the use of minor permit modification procedures shall meet the requirements of Section 18.4.8 relative to the modification and shall include the information listed at 18.3.3(b). If the Department notifies the source that the modification does not qualify as a minor modification within 10 days after receiving the application, then the source shall apply for the change as a significant modification. Ten days after the application has been submitted to the Department, the source may make the change for which they applied unless the change does not qualify as a minor modification. After the source makes the change and until the Department takes final action on the permit application, the source must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this time period, the source need not comply with the existing permit terms and conditions it seeks to modify. However, if the source fails to comply with its proposed permit terms and conditions during this time period, the existing permit terms and conditions it seeks to modify may be enforced against it. A permit shield granted under Part 18.10 shall not extend to minor permit modifications. The Department may not issue a final permit modification until after EPA's 45-day review period or until EPA has notified the Department that EPA will not object to issuance of the permit modification, whichever is first.</p>	<p>18.13.3(a)(1) 18.13.3</p>
29.	<p><u>Significant Modifications</u></p> <p>Modifications that are significant modifications under the PSD (Part 2.4) or nonattainment (Part 2.5) regulations, are modifications under the NSPS or NESHAPS regulations, or otherwise do not meet the requirements for minor permit modifications from Section 18.13.3 of the Rules and Regulations must be incorporated in the Operating Permit using the requirements for sources initially applying for an Operating Permit, including those for applications, public participation, review by affected States, review by ADEM, and review by EPA, as described in Parts 18.4 and 18.15 of the Rules and Regulations.</p>	<p>18.13.4</p>

No.	General Permit Conditions	Regulations
30.	<p><u>Off-Permit Changes</u></p> <p>Any change which is not addressed or prohibited in the federally enforceable terms and conditions of the permit may be designated by the owner or operator as an off-permit change, and may be made without revision to the federally enforceable terms and conditions of the operating permit, provided that the change:</p> <ul style="list-style-type: none"> A. Meets all applicable requirements; B. Does not violate any federally enforceable permit term or condition; C. Is not subject to any requirement or standard under title IV of the Clean Air Act; and D. Is not a modification under title I. <p>The permittee must comply with all applicable state permitting and preconstruction review requirements. Any application pertaining to a change designated by the applicant as an off-permit change shall be submitted by the applicant to EPA in fulfillment of the obligation to provide written notice, provided, that no change meeting the criteria for an insignificant activity or trivial activity is subject to the procedures set forth in this condition.</p>	18.14
31.	<p><u>Property Rights and Privileges</u></p> <p>No property rights of any sort or any exclusive privilege are conveyed through the issuance of this Operating Permit.</p>	18.5.9
32.	<p><u>Economic Incentives</u></p> <p>No permit revision shall be required under any approved economic incentives, marketable permit emissions trading and other similar programs or processes for changes that are provided for in the Operating Permit.</p>	18.5.12
33.	<p><u>Emission Reduction Plan</u></p> <p>Upon notification by this Department, the permittee shall submit an Air Pollution Emission Reduction Plan in a format approved by this Department concerning air contaminant emissions reductions to be taken during declared air pollution episodes.</p>	18.2.8(b)
34.	<p><u>Emergency Provision</u></p> <ul style="list-style-type: none"> A. An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emissions limitation under the Operating Permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. B. Exceedances of emission limits during emergencies (as defined above) at a facility may be exempted from being violations provided that: <ul style="list-style-type: none"> 1. The permittee demonstrates that the event qualifies as an emergency as defined above; 2. The permittee can identify the cause(s) of the emergency; 3. At the time of the emergency, the permitted facility was being properly operated; 4. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; 5. The permittee submitted notice of the emergency to the Health Department within 2 working days of the time when emission limitations were exceeded due to the emergency, including those deviations attributable to upset conditions as defined in the permit, the probable cause of said deviations, and any corrective actions or preventive measures that were taken; 6. The permittee submitted a written documentation of what was reported in the notice of the emergency to the Department within 5 working days of the emergency with a certification signed by a responsible official consistent with Section 18.4.9 of the regulations; and 	18.11.2 18.7.1

No.	General Permit Conditions	Regulations
	<p>7. The permittee immediately documented the emergency exceedance in an "Emergency Log", which shall be maintained for 5 years in a form suitable for inspection upon request by a representative of the Department.</p> <p>C. The permittee has the burden of proof to assert and establish that excess emissions were attributable to an emergency in any enforcement proceeding;</p> <p>D. This provision is in addition to any emergency or upset provision contained in any applicable requirement.</p>	
35.	<p><u>Obnoxious Odors</u> This Operating Permit is issued with the condition that, should obnoxious odors arising from the plant operations be verified by Department inspectors, measures to abate the odorous emissions shall be taken upon determination by this Department that these measures are technically and economically feasible.</p>	6.2.3
36.	<p><u>Title IV Requirements (Acid Rain Program)</u> Where an applicable requirement of Chapter 18 of the Rules and Regulations is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act (the acid rain program), both provisions shall be incorporated into the permit and shall be enforceable by the Department. Emissions exceeding any allowances that the permittee lawfully holds under title IV of the Act or the regulations promulgated thereunder are prohibited. 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 the permittee, however, allowances may not be used as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in the regulations promulgated pursuant to Title IV of the Act.</p>	18.5.1(b) 18.5.4
37.	<p><u>Title VI Requirements (Refrigerants)</u> Any facility having appliances or refrigeration equipment, including air conditioning equipment, which use Class I or Class II ozone-depleting substances such as chlorofluorocarbons and hydrochlorofluorocarbons listed as refrigerants in 40 CFR 82, Subpart A, Appendices A and B, shall service, repair, and maintain such equipment according to the work practices, personnel certification requirements, and certified recycling and recovery equipment specified in 40 CFR 82, Subpart F.</p> <p>A. No person shall knowingly vent or otherwise release any Class I or Class II substance into the environment during the repair, servicing, maintenance, or disposal of any such device except as provided in 40 CFR 82, Subpart F.</p> <p>B. The responsible official shall comply with all reporting and recordkeeping requirements of 40 CFR §82.166. Reports shall be submitted to the U.S. EPA and the Department as required.</p>	40 CFR 82 18.1.1(e)(10) 18.1.1(w)(4)
38.	<p><u>Asbestos Demolition and Renovation</u> Demolition and renovation activities at this facility are subject to the National Emission Standard for Asbestos, 40 CFR 61, Subpart M. To determine the applicable requirements of the Standard, the permittee must thoroughly inspect the affected part of the facility where the demolition or renovation operation will occur for the presence of asbestos, including Category I and Category II nonfriable asbestos-containing materials, prior to the commencement of the demolition or renovation operation. The permittee shall comply with all applicable sections of the Standard, including notification requirements, emission control and waste disposal procedures. The permittee shall also ensure that anyone performing asbestos-related work at the facility is trained and certified according to the Alabama Department of Environmental Management's regulations for Asbestos Contractor Certification.</p>	61.145 61.150 14.2.12 14.2.12(a)(1)
39.	<p><u>Prevention of Accidental Releases</u> The permittee shall comply with the requirements of §112(r) of the Act and 40 CFR 68 to prevent accidental releases of any substance listed pursuant to §112(r) or any other extremely hazardous substance.</p>	112(r) 68.215(a)(1)

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40.	<p><u>Testing</u></p> <p>A source emissions test may be required by this Department at any time. The Administrator may require a performance test for a source subject to NESHAP at any time authorized by section 114 of the Clean Air Act. The permittee shall provide each point of emission with sampling ports, ladders, stationary platforms, and other safety equipment to facilitate testing. The permittee shall notify the Department in writing at least 30 days prior to conducting any required emissions test on any source. This notice shall state the source to be tested, the proposed time and date(s) of the test, the purpose of the test, and the methods to be used. The methods for such testing shall be in accordance with procedures established by 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63 and any emissions unit specific permit requirements. Performance testing to demonstrate compliance with an NSPS shall include a test method performance audit as required by §60.8(g). The permittee shall submit the results of all emissions tests in electronic form to this Department within a time period specified by this Department; however, not to exceed 30 days from the test completion date unless a longer period is specified in the applicable subpart.</p>	<p>1.9.1 1.10.3 18.2.5 18.2.8(c) 60.8(d) 60.8(e) 60.8(g) 63.7(a)(3) 63.7(b)-(d) 63.10(d)</p>
	Facility-Specific General Conditions	
41.	<p><u>Restrictions to Avoid Non-Attainment New Source Review for VOC & NO_x</u></p> <p>A. Each emission unit at this plant is (individually) limited to 7,600 hours of operation per year as a 12-month rolling total.</p> <p>B. Solvent usage is limited to 2,419.0 tons/year as a 12-month rolling total.</p> <p>C. Overall control efficiency of the thermal oxidizers must equal or exceed 96.64%.</p> <p>D. Facility-wide VOC emissions shall not exceed 81.28 tons/year a 12-month rolling total.</p> <p>Facility-wide NO_x emissions shall not exceed 29.22 tons/year a 12-month rolling total.</p>	<p>Permit 4-07-0556-01 18.2.4</p>
42.	<p><u>Fugitive Dust</u></p> <p>A. The permittee shall take reasonable precautions to prevent dust from any operation, process, materials handling and storage, transportation activity (including dust from paved and unpaved roads), or construction activity (including but not limited to the use, repair, alteration, and demolition of buildings) at the facility from becoming airborne.</p> <p>B. The permittee shall not cause or allow the discharge of visible emissions which travel beyond the property line of the facility.</p> <p>C. When dust, fumes, gases, mist, odorous matter, vapors, or any combination thereof escape from a building or equipment in such a manner and amount as to cause a nuisance or to violate any rule or regulation, the Health Officer may order that the building or equipment in which processing, handling and storage are done be tightly closed and ventilated in such a way that all air and gases and air or gas-borne material leaving the building or equipment are treated by removal or destruction of air contaminants before discharge to the open air.</p> <p>Airborne fugitive dust emissions shall be prevented and addressed as needed and as appropriate to weather conditions using any or all of the following pre-approved control measures specific to the following sources of fugitive dust:</p> <ol style="list-style-type: none"> 1. Plant roads shall be maintained by the use of a water truck, a road sweeper, and sprinklers; 2. Fugitive dust from material storage shall be controlled by shielding the material from wind within a building or by wet suppression; 3. Unpaved plant or haul roads and grounds will be maintained in the following manner so that dust will not become airborne: <ol style="list-style-type: none"> a. By wet suppression any time the surface of the road is sufficiently dry to allow the creation of dust emissions by the action of wind or vehicular traffic; 	<p>6.2.1 6.2.2 6.2.3 18.2.4</p>

No.	General Permit Conditions	Regulations
	<p>b. By reducing the speed of vehicular traffic to a point below that at which dust emissions are created;</p> <p>c. By paving; or</p> <p>d. By any combination of the above methods which results in the prevention of dust becoming airborne from the ground or road surface.</p> <p>Wet suppression may be accomplished by the application of water with or without the addition of surfactants, wetting agents or other additives to increase the effectiveness of wet suppression. Manufacturer's documentation of the contents of any chemical, surfactant, wetting agent, or other additive used for dust suppression shall be maintained and readily made available upon request by the Department. Other dust control methods not listed above may be used subject to Department approval.</p>	
	Recordkeeping, Reports and Notifications for Entire Facility	
43.	<p><u>General Recordkeeping Requirements</u></p> <p>The permittee shall keep records of facility-wide operations, activities and materials which have the potential to release pollutants into the atmosphere in sufficient detail to show compliance with permit conditions and to allow the annual calculation of emissions of regulated pollutants and HAP from each point and fugitive source and activity at the facility. In addition to the records required in the conditions specific to each emission unit, the permittee shall maintain records of the following:</p> <p>A. All reports and notifications submitted to comply with this permit;</p> <p>B. Results of all required performance testing, monitoring and sampling;</p> <p>C. Records of all required monitoring data, including:</p> <ol style="list-style-type: none"> 1. The date, place (as defined in the permit), and time of all sampling or measurements; 2. The date(s) analyses were performed; 3. The company or entity that performed the analyses; 4. The analytical techniques or methods used; 5. The results of all analyses; and 6. The operating conditions that existed at the time of sampling or measurement. <p>D. For air filtration devices listed in this permit, the date of filter replacement and the characteristics of the replacement filter materials;</p> <p>E. Maintain all support information including all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by the permit for at least 5 years from the date of the monitoring sample, measurement, report, or application.</p> <p>F. Available SDS and/or other manufacturer supplied contents information relating to the VOC and HAP contents of materials used at the facility; and</p> <p>G. All spills or other mishaps of VOC/HAP materials. The record shall include the date, time, and quantity (gallons or pounds) of VOC/HAP materials involved in the spill or mishap. The permittee shall document the amount of VOC/HAP materials recovered and the amount that evaporated to the atmosphere.</p>	<p>1.9.1</p> <p>18.7.1</p> <p>70.6(a)(3)(C)</p>
44.	<p><u>Retention of Records</u></p> <p>Records of all required monitoring data, fuel consumption, analyses, reports, MSDS, and other support information shall be retained for a minimum of 5 years from the date when the record was generated. Records must be readily accessible (on-site or retrievable within 4 hours) and suitable for inspection. Records may be kept in hard copy or electronically. Specific records to be made and retained are listed in the emission unit conditions.</p>	<p>18.5.3(b)</p> <p>60.758</p> <p>63.7560</p>

No.	General Permit Conditions	Regulations
45.	<p><u>Timing for Submission of Reports and Notifications</u></p> <p>The permittee shall submit all reports and notifications required by any permit condition and by any applicable NESHAP and/or NSPS to the Department in electronic form. The reports may be sent by U. S. mail or by electronic mail. Reports submitted by US mail shall be postmarked on or before the due date. Reports submitted by electronic mail shall be received on or before the due date. Any application form, report or compliance certification required to be submitted pursuant to the Title V program regulations shall contain a certification by a responsible official that meets the requirements of Section 18.4.9 of the Rules and Regulations. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete. Each report shall identify the company name and address, the beginning and ending dates of the reporting period, and the date of report completion. The records required for each emissions unit shall be used in preparing these reports and notifications. The annual compliance certification shall be submitted to the following 2 agencies:</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p>Jefferson County Department of Health Air Pollution Control Program P.O. Box 2648 Birmingham, Alabama 35202-2648</p> </div> <div style="width: 45%; text-align: right;"> <p>EPA Region IV and to Atlanta Federal Center 61 Forsyth Street Atlanta, GA 30303</p> </div> </div> <p>Submissions to EPA may be (or may be required to be) submitted using CEDRI.</p> <p>The information to be included in each report is listed in General Conditions 46 – 49 below. The following reports and notifications are required to be submitted on the following schedule:</p> <ul style="list-style-type: none"> A. Annual Production and Emissions Report, due February 10 of each year covering the previous calendar year. B. Annual Title V Compliance Certification, covering the period from August 15 to August 14 of the following year, shall be submitted by September 14 each calendar year. C. Title V 6-Month Monitoring Report, covering the periods of January 1 – June 30 (due July 30) and July 1 – December 30 (due January 30). D. Episodic prompt reporting of malfunctions, deviations, emergencies and violations of any permit condition, including but not limited to emission limitations, within 2 working days of the malfunction, deviation, emergency or discovery of a violation at any source of air pollution. E. Notifications as follows: <ul style="list-style-type: none"> 1. For EU 001 and 40 CFR 63, Subpart SSSS, submit a Notification of Performance Test as specified in §§63.7 and 63.9(e) if you are complying with the emission standard using a control device. This notification and the site-specific test plan required under §63.7(c)(2) must identify the operating parameter to be monitored to ensure that the capture efficiency measured during the performance test is maintained. 2. Notify the Department in writing within 2 working days of becoming subject to a federal Maximum Achievable Control Technology (MACT) standard pursuant to Section 112 of the Act (local requirement). F. Results of any required testing or visible emissions observations within 30 days of completion. G. Compliance schedule progress reports if a compliance schedule is required. 	<p>18.4.9 18.5.3(c) 18.7.1 18.7.5 18.11.2(b)(4) 18.7.6</p>

No.	General Permit Conditions	Regulations
46.	<p><u>Contents of Annual Production and Emissions Report</u></p> <p>The permittee shall submit by February 10th of each year to this Department an annual summary report for the previous calendar year in a format approved by this Department of the following production information for each emissions unit permitted herein:</p> <p>A. EU 001, Metal Coil Coating Subject to 40 CFR 60, Subpart TT and 40 CFR 63, Subpart SSSS:</p> <ol style="list-style-type: none"> 1. Quantity of each coating applied and each solvent used(tons); 2. Total hours of operation of each coating line; and 3. The hours of operation of each afterburner. <p>B. EU 002, 20 MMBtu/hr Boiler Subject to 40 CFR 60, Subpart Dc and 40 CFR 63, Subpart DDDDD:</p> <ol style="list-style-type: none"> 1. The quantity of natural gas combusted; and 2. The hours of operation of the boiler. <p>C. EU 003, Lime Bag Dump Station:</p> <ol style="list-style-type: none"> 1. The quantity of lime throughput; and 2. The hours of operation of the bin vent dust collector. <p>D. The annual throughput in gallons, the chemical or trade name, average storage temperature in degrees Fahrenheit, and average true vapor pressure in psia of the contents of each storage tank with a capacity greater than 1,000 gallons (if any);</p> <p>E. The quantity of VOC and/or HAP material emitted to the atmosphere as a result of spills and other mishaps; and</p> <p>F. The actual calendar year emissions (point and fugitive) of all regulated air pollutants as defined in Section 16.2.7 of the Rules and Regulations, including but not necessarily limited to TSP, PM₁₀, PM_{2.5}, NO_x, CO, VOC, and SO_x, and all HAP based upon the above calendar year records, including the products of combustion of internal combustion engines, particulate matter from vehicle traffic and cooling towers.</p> <p>The submission shall include a certification by a responsible official of the truth, accuracy and completeness of the report. Concurrence with the calculations by the Department shall be the basis for annual emission fees in accordance with Chapter 16 of the Rules and Regulations.</p>	<p>1.5.15 1.9.2 18.7.1</p>
47.	<p><u>Contents of Title V Submissions</u></p> <p>Any document or report submitted under this requirement shall contain a certification of truth, accuracy, and completeness by a responsible official that meets the requirements of Section 18.4.9 of the Rules and Regulations. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete. These documents shall be submitted to the Department and to EPA.</p> <p>A. Title V Annual Compliance Certification certifying compliance with terms and conditions contained in the permit, including emissions limitations, work practice standards and monitoring requirements. The permittee shall provide a means for monitoring the compliance of its air pollution sources with the emissions limitation, standards and work practices listed or referenced within this permit .and identify any periods during which compliance is required and during which an excursion or exceedance occurred as possible exceptions to compliance. The compliance certification shall include the following:</p> <ol style="list-style-type: none"> 1. The identification of each term or condition of this permit that is being certified; 2. The emission unit or units to which the term or condition applies; 3. The compliance status; 4. Whether compliance has been continuous or intermittent; 	<p>18.4.9 18.7.1 18.7.5 18.5.3(c)(2) 18.11.2(b)(4) 70.6(a)(3) 60.465(c) 60.465(d) 63.5180 63.7550(c) 40 CFR 63, Subpart DDDDD, Table 9</p>

No.	General Permit Conditions	Regulations
	<ol style="list-style-type: none"> 5. The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with the Rules and Regulations; and 6. Such other facts as the Department may require to determine the compliance status of the source, including but not limited to identifying each deviation that occurred. <p>B. Title V 6-Month Monitoring Reports shall include the following:</p> <ol style="list-style-type: none"> 1. The company and facility name and address, date of report, dates of the beginning and end of the reporting period, and a CTAC; 2. All instances of deviations from any permit term, condition or regulation, including the probable cause of such deviations, and any corrective actions or preventive measures taken; 3. A summary of information on the number, duration and cause of any observations which were not performed at the required interval; 4. A summary of information on the number, duration and cause (including unknown cause, if applicable) of excursions or exceedances, as applicable, and the corrective actions taken; and 5. A summary of information on the number, duration and cause (including unknown cause, if applicable) for monitoring downtime incidents (other than downtime associated with zero or daily calibration checks, if applicable). 6. For EU 001 & 40 CFR 60, Subpart TT: <ol style="list-style-type: none"> i. Report each instance when the incinerator temperature drops as defined under § 60.464(c), or, if no such periods occur, state this in the report; ii. Each calendar quarter, report each instance in which the volume-weighted average of the local mass of VOC's emitted to the atmosphere per volume of applied coating solids (N) is greater than the limit specified under § 60.462. If no such instances have occurred during a particular quarter, a report stating this shall be submitted to the Administrator semiannually. 7. For EU 001 & 40 CFR 63, Subpart SSSS: <ol style="list-style-type: none"> i. Identification of the compliance option or options specified in Table 1 to § 63.5170 that you used on each coating operation during the reporting period. If you switched between compliance options during the reporting period, you must report the beginning dates you used each option. ii. limit in § 63.5120 or the applicable operating limit(s) established according to § 63.5121 during the reporting period, and that no CEMS were inoperative, inactive, malfunctioning, out-of-control, repaired, or adjusted.; or iii. For each deviation, the information required in 63.5180(h) and/or 63.5180(i). 8. For EU 002 & 40 CFR 63, Subpart DDDDD: Report the date of the most recent boiler tune-up and include the date of the most recent burner inspection if it was not done annually, biennially, or on a 5-year period and was delayed until the next scheduled or unscheduled unit shutdown. <p>C. Electronic Submission of the Semi-Annual Report for 40 CFR 63, Subpart SSSS using the appropriate template on the CEDRI website (https://www.epa.gov/electronic-reporting-air-emissions/compliance-and-emissions-data-reporting-interface-cedri) is required to commence no later than October 10, 2021 according to 63.5181(c). This is in addition to the "wet-ink" report that must be submitted to the Department.</p>	

No.	General Permit Conditions	Regulations
	<p>D. Prompt Reporting of Malfunctions, Deviations, Emergencies and Violations: Malfunctions, deviations, violations of permit requirements and exceedances of emission limits during an emergency shall be reported within 2 working days, including the probable cause of said malfunctions, emergency, deviations or violations and any corrective actions or preventive measures that were taken. In the event of an emergency, written documentation demonstrating that the event falls under the Department's emergency provision (General Condition 34) must be submitted within 5 days of the event. This episodic reporting requirement is in addition to and does not replace periodic reporting requirements.</p>	
48.	<p><u>Compliance Schedule Progress Reports (if required)</u> If any air pollution source owned or operated by the permittee is not in compliance with the emissions limitations, standards and work practices listed or referenced within this permit, the permittee shall submit progress reports including a statement of truth, accuracy and completeness of these reports shall be certified by a responsible official for that air pollution source. The first progress report shall be submitted within 3 months after the Operating Permit issuance date or within 3 months of the permittee or Department determining that the air pollution source is not in compliance. Subsequent reports shall be submitted every 6 months following the initial report. The progress reports shall contain the following:</p> <p>A. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and/or dates when such activities, milestones or compliance were achieved; and</p> <p>B. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.</p>	<p>18.4.8(h) 18.7.3 18.7.4</p>
49.	<p><u>Mandatory Greenhouse Gas Reporting (for informational purposes only)</u> The permittee shall be aware that the facility may be required to report emissions of greenhouse gases directly to EPA under the Mandatory Greenhouse Gas Reporting rules. The reporting threshold is annual greenhouse gas emissions equal to 25,000 metric tons CO₂e, calculated using the methods presented in 40 CFR 98. Mandatory greenhouse gas reporting is made directly to EPA and is not an enforceable requirement of this Title V Operating Permit. It is the permittee's responsibility to determine whether reporting is required each calendar year.</p>	<p>40 CFR 98</p>

SUMMARY TABLES FOR COIL COATING

Parameter or Pollutant	Limits Established in Permit 4-07-0556-01 to Avoid New Source Review
Hours of Operation	7,600 hours per year as a 12-month rolling total
Solvent Usage	2,419.0 tons/year as a 12-month rolling total
Control Efficiency	Overall control efficiency of the thermal oxidizers must equal or exceed 96.64%
Facility-Wide VOC	81.28 tons/year a 12-month rolling total;
Facility-Wide NO _x	29.22 tons/year a 12-month rolling total

Affected Facilities Under 40 CFR 60, Subpart TT (NSPS)	Citation
The following facilities in a metal coil surface coating operation constructed, reconstructed or modified after January 5, 1981: each prime coat operation, each finish coat operation, and each prime and finish coat operation combined when the finish coat is applied wet on wet over the prime coat and both coatings are cured simultaneously	40 CFR §60.460

Affected Facilities Under 40 CFR 60, Subpart SSSS (NESHAP)	Citation
The facility that performs metal coil surface coating operations and is a major source of HAP. <i>Coil coating line</i> means a process and the collection of equipment used to apply an organic coating to the surface of metal coil. A coil coating line includes a web unwind or feed section, a series of one or more work stations, any associated curing oven, wet section, and quench station. A coil coating line does not include ancillary operations such as mixing/thinning, cleaning, wastewater treatment, and storage of coating material.	40 CFR §63.5080 & §63.5110

Pollutant	Emission Limit	Citation
VOC	0.31 kilograms per liter of coating (2.6 pounds per gallon), excluding water, delivered to the coating applicator	8.11.2
VOC	0.14 kg VOC/l of coating solids applied for each calendar month OR 90% Emission Reduction	40 CFR §60.462(a)(2) 40 CFR §60.462(a)(3)
HAP	98% Reduction OR 0.046 kilogram (kg) of organic HAP per liter of solids applied during each 12-month compliance period OR outlet organic HAP concentration of no greater than 20 parts per million by volume (ppmv) on a dry basis and the 100% efficiency of the capture system	40 CFR §63.5120(a)(1) 40 CFR §63.5120(a)(2) 40 CFR §63.5120(a)(3)

FEDERALLY ENFORCEABLE CONDITIONS FOR EMISSION UNIT 001

No.	Federally Enforceable Conditions for Emission Unit 001	Regulations
	Applicable Regulations	
1.	<p>A. The metal coil coating operations are subject to the following Parts of the Rules and Regulations: Part 6.1 "Visible Emissions," Part 6.3 "Fuel Burning Equipment," Part 7.1 "Fuel Combustion," Section 8.11.2 "Coil Coating," Section 8.11.12 "Recordkeeping," Part 8.12 "Solvent Metal Cleaning," Section 8.16.1 "Determination of Volatile Organic Compound Content of Surface Coatings," and Part 8.31 "Seasonal Afterburner Shutdown – VOC Control Only."</p> <p>B. 40 CFR 60, Subpart TT applies to the following affected facilities in the metal coil coating operation: each prime coat operation, each finish coat operation, and each prime and finish coat operation combined when the finish coat is applied wet on wet over the prime coat and both coatings are cured simultaneously.</p> <p>C. The coil coating lines are an existing affected source subject to 40 CFR 63, Subpart SSSS. A coil coating line includes a web unwind or feed section, a series of one or more work stations, any associated curing oven, wet section, and quench station. A coil coating line does not include ancillary operations such as mixing/thinning, cleaning, wastewater treatment, and storage of coating material. Table 2 indicates the applicable provisions of 40 CFR 63, Subpart A. At all times, operate and maintain the affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by the applicable standard have been achieved.</p>	<p>6.1 6.3 7.1 8.11.2 8.11.12 8.12 8.16.1 8.31 60.460</p> <p>63.5090 63.5110 63.5140(b) 63.5140(c)</p>
	Operating Restrictions	
2.	<p>A. The permittee shall combust only natural gas in the curing ovens. Daily records of fuel combustion are required to demonstrate compliance with this restriction.</p> <p>B. This emission unit is subject to the restrictions to avoid Non-Attainment New Source Review for VOC and NO_x stated in General Condition 41:</p> <ol style="list-style-type: none"> 1. Operation is limited to 7,600 hours per year as a 12-month rolling total; 2. Solvent usage is limited to 2,419.0 tons/year as a 12-month rolling total; 3. Overall control efficiency of the thermal oxidizers must equal or exceed 96.64%; 4. Facility-wide VOC emissions shall not exceed 81.28 tons/year a 12-month rolling total; and 5. Facility-wide NO_x emissions shall not exceed 29.22 tons/year a 12-month rolling total. <p>C. The permittee shall maintain all air pollution control system hooding, ductwork, fan shrouds and seals, ovens, quench areas, thermal oxidizers, and coating rooms so that no fugitive VOC/HAP emissions escape. VOC/HAP emissions shall not be allowed to escape from the capture and control systems due to inadequate or poor draft caused by leaks, blockages or fan malfunctions. Holes, cracks, tears or blockages which allow VOC/HAP emissions to escape the capture and control systems shall be promptly repaired.</p>	<p>18.2.4</p> <p>18.2.4</p> <p>18.2.4</p>
	Emissions Limits	
3.	<p><u>Opacity Limit</u></p> <p>A. The sources permitted herein shall have an exhaust opacity not to exceed 20%, as determined by a 6-minute average, or as otherwise provided in Section 6.1.1</p>	6.1.1

No.	Federally Enforceable Conditions for Emission Unit 001	Regulations
	<p>of the Rules and Regulations. If required by the Department, the opacity shall be determined by EPA Reference Method 9 of appendix A of 40 CFR 60.</p> <p>B. The permittee may discharge into the atmosphere from a source of emission, particulate of an opacity not greater than that designated as forty percent (40%) opacity during one six (6) minute period in any sixty (60) minute period.</p>	
4.	<p><u>VOC Emissions</u></p> <p>A. The permittee shall not cause or allow VOC emissions in excess of 0.31 kilograms per liter of coating (2.6 pounds per gallon), excluding water, delivered to the coating applicator from prime and topcoat or single coat operations. The compliance demonstration time frame is a 24-hour calendar day.</p> <p>B. The permittee shall not cause or allow to be discharged into the atmosphere more than:</p> <ol style="list-style-type: none"> 1. 0.14 kg VOC// of coating solids applied for each calendar month for each affected facility that continuously uses an emission control device(s) operated at the most recently demonstrated overall efficiency; or 2. 10 percent of the VOC's applied for each calendar month (90 percent emission reduction) for each affected facility that continuously uses an emission control device(s) operated at the most recently demonstrated overall efficiency; or 3. A value between 0.14 (or a 90-percent emission reduction) and 0.28 kg VOC// of coating solids applied for each calendar month for each affected facility that intermittently uses an emission control device operated at the most recently demonstrated overall efficiency. 	<p>8.11.2(c) 8.11.12(b)</p> <p>60.462(a)(2)</p> <p>60.462(a)(3)</p> <p>60.462(a)(4)</p>
5.	<p><u>HAP Emissions</u></p> <p>The permittee must limit organic HAP emissions for each coil coating affected source to the level specified below:</p> <p>A. No more than 2 percent of the organic HAP applied for each month during each 12-month compliance period (98 percent reduction); or</p> <p>B. No more than 0.046 kilogram (kg) of organic HAP per liter of solids applied during each 12-month compliance period; or</p> <p>C. If an oxidizer is used to control organic HAP emissions, operate the oxidizer such that an outlet organic HAP concentration of no greater than 20 parts per million by volume (ppmv) on a dry basis is achieved and the efficiency of the capture system is 100 percent.</p>	<p>63.5120(a)(1)</p> <p>63.5120(a)(2)</p> <p>63.5120(a)(3)</p>
	Operating Limits	
6.	<p><u>Subpart SSSS</u></p> <p>The permittee shall meet the following operating limit: the average combustion temperature in any 3-hour period must not fall below the combustion temperature limit established according to § 63.5160(d)(3)(i).</p>	<p>63.5121 Table 1 of Subpart SSSS</p>
	Work Practices	
7.	<p><u>Solvent Metal Cleaning</u></p> <p>Each open top vapor degreaser with an air/vapor interface of 1 square meter (10.8 square feet) or larger and each conveyORIZED degreaser with an air/vapor interface of 2 square meters (21.6 square feet) or larger must be equipped and operated according to the applicable provisions of 18.12.4, 18.12.5 and 18.12.6 as appropriate to the equipment type and the vapor pressure of the solvent. The permittee must provide a permanent, conspicuous label summarizing the operating requirements, including but not limited to maintaining any required cover in the closed position except as necessary to operate the cleaner.</p>	<p>8.12</p>
8.	<p><u>Waste Paint and Solvent Disposal</u></p> <p>The permittee shall collect and properly contain as much as possible of the waste solvent and paint that's not reusable. The permittee shall not cause or allow the disposal of waste VOC/HAP containing materials in sewers, open containers, or in any manner that would result in vaporization to the atmosphere. Records of the</p>	<p>18.2.4</p>

No.	Federally Enforceable Conditions for Emission Unit 001	Regulations
	method of disposal shall be maintained. This solvent cannot be used as a diluent for the surface coatings unless properly documented and does not exceed the allowable VOC restriction under any permit condition of this permit or any Rule or Regulation.	
	Monitoring and Compliance Demonstrations	
9.	<u>Daily Compliance Demonstration</u> The permittee shall maintain the daily records required by Section 8.11.12(a) and determine the as-applied VOC content for each calendar day to demonstrate compliance with the VOC content restriction of 8.11.2.	8.11.12
10.	<u>Surface Coating VOC Contents</u> For Subpart TT, VOC content must be determined according to 60.466 as follows: A. Method 24, or data provided by the formulator of the coating, shall be used for determining the VOC content of each coating as applied to the surface of the metal coil. For Method 24, the coating sample must be at least a 1-liter sample taken at a point where the sample will be representative of the coating as applied to the surface of the metal coil. In the event of a dispute, Method 24 shall be the reference method. When VOC content of waterborne coatings, determined by Method 24, is used to determine compliance of affected facilities, the results of the Method 24 analysis shall be adjusted as described in Section 12.6 of Method 24; B. Method 25, both for measuring the VOC concentration in each gas stream entering and leaving the control device on each stack equipped with an emission control device and for measuring the VOC concentration in each gas stream emitted directly to the atmosphere. For Method 25, the sampling time for each of three runs is to be at least 60 minutes, and the minimum sampling volume is to be at least 0.003 dscm (0.11 dscf); however, shorter sampling times or smaller volumes, when necessitated by process variables or other factors, may be approved by the Administrator; C. Method 1 for sample and velocity traverses; D. Method 2 for velocity and volumetric flow rate; E. Method 3 for gas analysis; and F. Method 4 for stack gas moisture.	60.466
11.	<u>Monitoring for Subpart TT</u> The permittee shall install, calibrate, operate, and maintain a device that continuously records the combustion temperature of any effluent gases incinerated to achieve compliance with §60.462(a)(2), (3), or (4). This device shall have an accuracy of $\pm 2.5^{\circ}\text{C}$, or ± 0.75 percent of the temperature being measured expressed in degrees Celsius, whichever is greater. The permittee shall also record all periods (during actual coating operations) in excess of 3 hours during which the average temperature in any thermal incinerator used to control emissions from an affected facility remains more than 28°C (50°F) below the temperature at which compliance with §60.462(a)(2), (3), or (4) was demonstrated during the most recent measurement of incinerator efficiency required by §60.8. The records required by §60.7 shall identify each such occurrence and its duration.	60.474(c)
12.	<u>Surface Coating HAP Contents</u> For Subpart SSSS, HAP content must be determined according to 63.5160(b) and 63.5160(c) as follows: A. Organic HAP content. Determine the organic HAP weight fraction of each coating material applied by following one of the procedures: 1. Method 311. The permittee may test the material in accordance with Method 311 of 40 CFR 63, Appendix A, or may obtain the results of such testing performed by the manufacturer of the material. The organic HAP content is then calculated as follows:	63.5160(b) 63.5160(c)

No.	Federally Enforceable Conditions for Emission Unit 001	Regulations
	<p>a. Count only those organic HAP in Table 3 to this subpart that are measured to be present at greater than or equal to 0.1 weight percent and greater than or equal to 1.0 weight percent for other organic HAP compounds.</p> <p>b. Express the weight fraction of each organic HAP as a value truncated to four places after the decimal point (for example, 0.3791).</p> <p>c. Calculate the total weight fraction of organic HAP in the tested material by summing the counted individual organic HAP weight fractions and truncating the result to three places after the decimal point (for example, 0.763).</p> <p>2. Method 24 of 40 CFR 60, Appendix A. For coatings, the permittee may determine the total volatile matter content as weight fraction of nonaqueous volatile matter and use it as a substitute for organic HAP, using Method 24 of 40 CFR 60, Appendix A or ASTM D2369-10 (2015), "Test Method for Volatile Content of Coatings". The determination of total volatile matter content may be performed by the manufacturer of the coating and the results provided to you.</p> <p>3. Formulation data. The permittee may use formulation data provided that the information represents each organic HAP in Table 3 to this subpart that is present at a level equal to or greater than 0.1 percent and equal to or greater than 1.0 percent for other organic HAP compounds in any raw material used, weighted by the mass fraction of each raw material used in the material. Formulation data may be provided to you by the manufacturer of the coating material. In the event of any inconsistency between test data obtained with the test methods above and formulation data, the test data will govern.</p> <p>B. Solids content and density. Determine the solids content and the density of each coating material applied using ASTM D2697-03(2014) Standard Test Method for Volume Nonvolatile Matter in Clear or Pigmented Coatings or ASTM D6093-97 (2016) Standard Test Method for Percent Volume Nonvolatile Matter in Clear or Pigmented Coatings Using a Helium Gas Pycnometer, or an EPA approved alternative method. Determine the density of each coating using ASTM D1475-13 "Standard Test Method for Density of Liquid Coatings, Inks, and Related Products" or ASTM D2111-10 (2015) "Standard Test Methods for Specific Gravity and Density of Halogenated Organic Solvents and Their Admixtures". The solids determination using ASTM D2697-03(2014) or ASTM D6093-97 (2016) and the density determination using ASTM D1475-13 or ASTM 2111-10 (2015) may be performed by the manufacturer of the material. Alternatively, you may rely on formulation data provided by material providers to determine the volume solids. In the event of any inconsistency between test data obtained with the ASTM test methods specified in this section and formulation data, the test data will govern.</p>	
13.	<p><u>Destruction Efficiency Testing for Subpart SSSS</u></p> <p>The capture system and control device used to comply with Subpart SSSS must be retested at 5 year intervals, with one retest occurring between March 25, 2018 and March 25, 2023. Operating limits must be confirmed or reestablished during each performance test. For each performance test:</p> <p>A. Determine the destruction or removal efficiency of each control device according to §63.5160(d);</p> <p>B. Determine the capture efficiency of each capture system according to §63.5160(e); and</p> <p>C. Confirm or re-establish the operating limits according to §63.5160(d)(3).</p>	63.5160, Table 1 63.5160(d) 63.5160(e)

No.	Federally Enforceable Conditions for Emission Unit 001	Regulations
14.	<p><u>Monitoring for Subpart SSSS</u> The permittee shall:</p> <ul style="list-style-type: none"> A. Install calibrate, maintain, and operate a thermocouple or temperature sensor in the combustion chamber at a location in the combustion zone according to manufacturer's specifications. Collect the combustion temperature data with a continuous recorder according to §63.5150(a)(3); B. Develop a capture system monitoring plan as required by §63.5150(a)(4) and conduct continuous monitoring of the capture system; C. Reduce the data to 3-hour block averages; and D. Maintain the 3-hour average combustion temperature at or above the temperature limit established according to § 63.5160(d)(3)(i). 	<p>63.5121 Table 1 of Subpart SSSS 63.5150, Table 1 63.5150(a)(3) 63.5150(a)(4)</p>
15.	<p><u>Monthly Opacity Monitoring</u> The permittee must conduct monthly visible emissions observations using EPA Method 22 (40 CFR part 60, appendix A) on the stack for 12 minutes and document per General Condition 42, Item B. The Method 22 (40 CFR part 60, appendix A) observation shall be conducted while the affected sources are operating. The observation is successful if no visible emissions are observed. If any VE is observed, it must be promptly corrected and a record of the corrective action(s) maintained.</p>	<p>18.5.3(a) 18.7.1</p>
16.	<p><u>VOC Performance Testing and Monthly Compliance Demonstration for Subpart TT</u> For each calendar month, the permittee shall demonstrate compliance with the Subpart TT emissions limits by using the procedures of 60.463(c)(2) for determining monthly volume-weighted average emissions of VOC's in kg/l of coating solids applied. The overall reduction efficiency for the control device and capture system shall be repeated when requested by the Department or EPA or when the permittee elects to operate the control device or capture system at conditions different from the initial performance test.</p>	<p>60.463</p>
17.	<p><u>HAP Monthly Compliance Demonstration for Subpart SSSS</u> For the purpose of demonstrating continuous compliance, a compliance period consists of 12 months. Include all coating materials (defined as the coating and other products (e.g., a catalyst and resin in multi-component coatings as well as organic solvents used to thin a coating prior to application) combined to make a single material at the coating facility that is applied to metal coil) used in the affected source when determining compliance with the applicable emission limit. To make this determination, use at least one of the four compliance options listed in Table 1 of 63.5170. You may apply any of the compliance options to an individual coil coating line, or to multiple lines as a group, or to the entire affected source. You may use different compliance options for different coil coating lines, or at different times on the same line. However, you may not use different compliance options at the same time on the same coil coating line. If you switch between compliance options for any coil coating line or group of lines, you must document this switch as required by §63.5190(a), and you must report it in the next semiannual compliance report required in §63.5180. The compliance options are summarized as follows:</p> <ul style="list-style-type: none"> A. Use of "as purchased" compliant coatings per 63.5170(a): Each coating material used during the 12-month compliance period does not exceed 0.046 kg HAP per liter solids, as purchased. B. Use of "as applied" compliant coatings per 63.5170(b): <ul style="list-style-type: none"> 1. Each coating material used does not exceed 0.046 kg HAP per liter solids on a rolling 12-month average as applied basis, determined monthly; or 2. Average of all coating materials used does not exceed 0.046 kg HAP per liter solids on a rolling 12-month average as applied basis, determined monthly. C. Use of a capture system and control device per 63.5170(c): 	<p>63.5130(e) 63.5170 63.5170, Table 1</p>

No.	Federally Enforceable Conditions for Emission Unit 001	Regulations
	<ol style="list-style-type: none"> 1. Overall organic HAP control efficiency is at least 98 percent on a monthly basis for individual or groups of coil coating lines; or 2. Overall organic HAP control efficiency is at least 98 percent during performance tests conducted according to Table 1 to §63.5170 and operating limits are achieved continuously for individual coil coating lines; or 3. Oxidizer outlet HAP concentration is no greater than 20 ppmv and there is 100-percent capture efficiency during performance tests conducted according to Table 1 to §63.5170 and operating limits are achieved continuously for individual coil coating lines. <p>D. Use of a combination of compliant coatings and control devices and maintaining an acceptable equivalent emission rate per 63.5170(d): Average equivalent emission rate does not exceed 0.046 kg HAP per liter solids on a rolling 12-month average as applied basis, determined monthly.</p> <p>The permittee shall also comply with any applicable requirements of §63.5170(e) through 63.5170(i).</p>	
	Recordkeeping	
18.	<p>The permittee shall maintain the following records:</p> <p>A. To enable annual emissions reporting:</p> <ol style="list-style-type: none"> 1. Quantity of each coating applied and each solvent used (tons); 2. Total hours of operation of each coating line; and 3. Total hours of operation of each afterburner. <p>B. For Part 8.11 of the Rules and Regulations: Maintain the following daily records in the units necessary to verify daily compliance with the emissions limit</p> <ol style="list-style-type: none"> 1. The quantity in gallons of all surface coatings delivered to the application system; 2. The quantity in gallons of all organic liquid diluents (coating thinners and additives) added to the surface coatings; 3. The quantity in gallons of all organic liquid waste properly contained and shipped out for proper disposal and a certification of the waste density and percent VOC content by weight; 4. The date of each application of surface coatings and diluents and usage of wash and cleanup solvents; 5. The regulation(s) applicable to the coating line for which the records are being maintained; 6. The daily records shall be kept in the units necessary to verify compliance with the applicable regulations; 7. The continuous combustion temperature in degrees Fahrenheit of a thermal incinerator control system; 8. The following information on all surface coatings and organic liquid solvents (diluents, additives, wash and cleanup) <ol style="list-style-type: none"> a. Manufacturer (supplier); b. Product name and manufacturer's code number; c. Density (pounds per gallon); d. VOC content in percent weight and volume; e. Solids content in percent weight and volume; f. Water content in percent weight and volume; and g. Exempt VOC content in percent weight and volume. <p>C. For Part 8.11 of the Rules and Regulations: Also maintain the following records on a monthly or more frequent basis:</p> <ol style="list-style-type: none"> 1. The quantity in gallons of all organic liquid solvents used for wash or cleanup; and 	<p>18.5.3(b)</p> <p>18.7.1</p>

No.	Federally Enforceable Conditions for Emission Unit 001	Regulations
	<p>2. Pounds of VOC per gallon of coating delivered to the application system, excluding water and exempt VOC.</p> <p>D. For Part 8.11 of the Rules and Regulations: The Health Officer may determine that alternative records would be sufficient to provide assurance that the source is operating in compliance with the emissions limit on a 24-hour basis.</p> <p>E. For 40 CFR 60, Subpart TT: Maintain records of all data and calculations used to determine monthly VOC emissions from each affected facility and daily records of the incinerator combustion temperature. The monitoring records must contain the information listed in General Condition 43 and must be available to the Department on request.</p> <p>F. For 40 CFR 63, Subpart SSSS: Maintain the following records in accordance with §63.10(b):</p> <ol style="list-style-type: none"> 1. Records of the coating lines on which you used each compliance option and the time periods (beginning and ending dates and times) you used each option. 2. Records specified in §63.10(b)(2) of all measurements needed to demonstrate compliance Subpart SSSS, including (as applicable): <ol style="list-style-type: none"> a. Continuous emission monitor data in accordance with §63.5150(a)(2); b. Control device and capture system operating parameter data in accordance with §63.5150(a)(1), (3), and (4); c. Organic HAP content data for the purpose of demonstrating compliance in accordance with §63.5160(b); d. Volatile matter and solids content data for the purpose of demonstrating compliance in accordance with §63.5160(c); e. Overall control efficiency determination or alternative outlet HAP concentration using capture efficiency tests and control device destruction or removal efficiency tests in accordance with §63.5160(d), (e), and (f); and f. Material usage, HAP usage, volatile matter usage, and solids usage and compliance demonstrations using these data in accordance with §63.5170(a), (b), and (d). 3. Records specified in §63.10(b)(3); and 4. Additional records specified in §63.10(c) for each continuous monitoring system operated by the owner or operator in accordance with §63.5150(a)(2). 5. For each deviation from an emission limitation reported under §63.5180(h) or (i), a record of the following information: <ol style="list-style-type: none"> a. The date, time, and duration of the deviation, as reported under §63.5180(h) and (i). b. A list of the affected sources or equipment for which the deviation occurred and the cause of the deviation, as reported under §63.5180(h) and (i). c. An estimate of the quantity of each regulated pollutant emitted over any applicable emission limit in §63.5120 to this subpart or any applicable operating limit established according to §63.5121 to this subpart, and a description of the method used to calculate the estimate, as reported under §63.5180(h) and (i). d. A record of actions taken to minimize emissions in accordance with §63.5140(b) and any corrective actions taken to return the affected unit to its normal or usual manner of operation. 6. Maintain records of all liquid-liquid material balances that are performed in accordance with the requirements of §63.5170. 7. Any records required to be maintained by this subpart that are in reports that were submitted electronically via the EPA's CEDRI may be maintained in 	<p>60.465(e)</p> <p>63.5190</p>

No.	Federally Enforceable Conditions for Emission Unit 001	Regulations
	electronic format. This ability to maintain electronic copies does not affect the requirement for facilities to make records, data, and reports available upon request to a delegated air agency or the EPA as part of an on-site compliance evaluation.	

FEDERALLY ENFORCEABLE CONDITIONS FOR EMISSION UNIT 002

Emissions Unit No.	Emissions Unit Description
002	20 MMBtu/hr Natural Gas Fired Boiler

No.	Federally Enforceable Conditions for Emission Unit 002	Regulations
	Applicable Regulations	
1.	<p>A. The boiler is subject to Part 6.1, "Visible Emissions," Part 6.3, "Fuel Burning Equipment," and Part 7.1, "Fuel Combustion," of the Rules and Regulations.</p> <p>B. The boiler is subject to 40 CFR 60, Subpart Dc based on its heat input capacity and the timing of its construction.</p> <p>C. The boiler is subject to 40 CFR 63, Subpart DDDDD because it is located at a (potential) major source of HAP. The boiler is an existing unit designed to burn gas 1 fuels under this regulation. Boilers and process heaters in the units designed to burn gas 1 fuels subcategory are not subject to the emission limits in Tables 1 and 2 or 11 through 13 of Subpart DDDDD, or the operating limits in Table 4 to Subpart DDDDD. 40 CFR 63, Subpart A applies according to Table 10 of Subpart DDDDD.</p>	<p>6.1 6.3 7.1 60.40c(a) 63.7485 63.7490 63.7499(l) 63.7500(e)</p>
	Operating Restrictions	
2.	<p>A. The permittee shall combust only natural gas in the boiler. Daily records of fuel combustion are required to demonstrate compliance with this restriction.</p> <p>B. The boiler is subject to the restriction on hours of operation stated in General Condition 41 (7,600 hours per year as a 12-month rolling total).</p>	<p>18.2.4 60.48c(g)</p>
	Emission Limits	
3.	<p><u>Opacity Limit</u></p> <p>C. The sources permitted herein shall have an exhaust opacity not to exceed 20%, as determined by a 6-minute average, or as otherwise provided in Section 6.1.1 of the Rules and Regulations. If required by the Department, the opacity shall be determined by EPA Reference Method 9 of appendix A of 40 CFR 60.</p> <p>D. The permittee may discharge into the atmosphere from a source of emission, particulate of an opacity not greater than that designated as forty percent (40%) opacity during one six (6) minute period in any sixty (60) minute period.</p>	6.1.1
4.	<p><u>Particulate Matter Emission Limit</u></p> <p>The Permittee shall not cause or allow the the source permitted herein to have a particulate matter emission rate in excess of 0.37 lb/MMBtu (7.40 lb/hr). Records demonstrating that no fuel other than natural gas is combusted will demonstrate compliance with this requirement.</p>	6.3.2
5.	<p><u>Sulfur Dioxide Emission Limit</u></p> <p>The Permittee shall not cause or allow the the source permitted herein to have a sulfur dioxide emission rate in excess of 0.068 lb/MMBtu (1.36 lb/hr). Records demonstrating that no fuel other than natural gas is combusted will demonstrate compliance with this requirement.</p>	<p>Permit 4-07-0556-01 18.2.4</p>
	Work Practices	
6.	<p><u>Boiler Tune-Ups</u></p> <p>Conduct a tune-up of the boiler or process heater annually as specified in §63.7540(a)(10) as a work practice for all regulated emissions under Subpart DDDDD. Each annual tune-up must be no more than 13 months after the previous tune-up. 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. Failure to conduct a tune-up</p>	<p>Subpart DDDDD, Table 3 63.7515(d) 63.7515(g) 63.7540(a)(13) 63.7540(b)</p>

No.	Federally Enforceable Conditions for Emission Unit 002	Regulations
	according to the timing requirements is a deviation that must be reported according to the requirements in §63.75450.	
	Monitoring and Compliance Demonstrations	
7.	<p><u>Visible Emissions Monitoring</u></p> <p>The permittee shall observe the stack for each affected source at least once per week in accordance with the procedures of Method 22 of 40 CFR 60, Appendix A while the source is operating at representative performance conditions. The observer shall record the time and date of Method 22 observations, and the presence or absence of any visible emissions. If visible emissions are observed during any Method 22 visible emissions observation, the permittee shall initiate corrective actions within 1 hour and conduct a follow-up observation within 24 hours. If visible emissions are observed during the follow up Method 22 test, the certified reader shall complete a visible emissions observation in accordance with Method 9 of 40 CFR 60, Appendix A within 3 business days to establish compliance with the opacity limit. The date, time and description of corrective actions shall be recorded along with the results of all visible emission observations associated with the event.</p>	<p>18.5.3 18.7.1 6.1.1</p>
	Recordkeeping	
8.	<p>The permittee shall maintain the following records:</p> <ul style="list-style-type: none"> A. The quantity of natural gas combusted on a daily basis; B. The hours of boiler operation; C. Any visible emissions observations; and D. For Subpart DDDDD: <ul style="list-style-type: none"> 1. A copy of each notification and report submitted to comply with Subpart DDDDD, including all documentation supporting any Initial Notification or Notification of Compliance Status or semiannual compliance report, according to the requirements in §63.10(b)(2)(xiv); 2. Records of tune-ups as required in §63.10(b)(2)(viii); and 3. If an alternative fuel other than natural gas is used at any time, 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. 	<p>18.5.3(b) 18.7.1 70.6(a)(3) 60.48c(g) 63.7555(a) 63.7555(h)</p>

FEDERALLY ENFORCEABLE CONDITIONS FOR EMISSION UNIT 003

Emissions Unit No.	Emissions Unit Description	Control Device
003	Lime Bag Dump Station	340 CFM Dust Collector

No.	Federally Enforceable Conditions for Emission Units 003	Regulations
	Regulatory Applicability	
1.	<u>State Implementation Plan (SIP)</u> These Emissions Units are subject to 6.1.1, "Visible Emissions Restriction for Stationary Sources;" and Part 6.4, "Process Industries – General."	Chapter 6
	Emissions Limits	
2.	<u>PM Emissions Limit</u> The permittee shall not cause or allow the emissions from any emissions unit listed above to exceed the particulate matter emissions limits of Table 6-2 of the Rules and Regulations, or as interpolated by the following equations: $E = 3.59p^{0.62},$ where E is emission rate (lb/hr) and p is the process weight rate (tons/hr), where $p < 30$ tons/hr; <i>or</i> $E = 17.31p^{0.16},$ where E is emission rate (lb/hr) and p is the process weight rate (lb/hr), where $p \geq 30$ tons/hr. As a practical matter, proper operation and maintenance of the baghouses will demonstrate compliance with the PM emissions limits. PM shall be measured by EPA Method 5 of 40 CFR 60, Appendix A, if required.	6.4
3.	<u>Opacity Limit</u> A. The sources permitted herein shall have an exhaust opacity not to exceed 20%, as determined by a 6-minute average, or as otherwise provided in Section 6.1.1 of the Rules and Regulations. If required by the Department, the opacity shall be determined by EPA Reference Method 9 of appendix A of 40 CFR 60. B. The permittee may discharge into the atmosphere from a source of emission, particulate of an opacity not greater than that designated as forty percent (40%) opacity during one six (6) minute period in any sixty (60) minute period.	6.1.1
	Monitoring	
4.	<u>Opacity Monitoring</u> Records of maintenance and inspections of the dust collector will serve as monitoring. The monitoring records must contain the information listed in General Condition 43.	18.5.3(a) 18.7.1
	Recordkeeping	
5.	The permittee shall maintain the following records to enable annual emissions reporting: A. Quantity of lime processed (tons); B. Hours of operation of the lime bag dump station; and C. Hours of operation of the dust collector.	18.5.3(b) 18.7.1

APPENDIX A: CROSS-REFERENCE TABLE: JCDH AIR POLLUTION CONTROL RULES AND REGULATIONS TO STATE IMPLEMENTATION PLAN

The citations to Alabama regulations provided below refer to the version of the regulation that has been approved by the U.S. EPA as part of Alabama's Clean Air Act state implementation plan (SIP), as identified in 40 CFR 52, Subpart B. In the event that there is a discrepancy between the information provided in the table below and the federal regulatory table identifying the Alabama SIP at 40 CFR 52, Subpart B, the federal regulatory table governs.

JCDH Citation	State Citation	Title/Subject
Chapter 1	Chapter No. 335-3-1	General Provisions
Part 1.1	Section 335-3-1-.01	Purpose
Part 1.3	Section 335-3-1-.02	Definitions
Part 1.7	Section 335-3-1-.03	Ambient Air Quality Standards
Part 1.9	Section 335-3-1-.04	Monitoring, Records, and Reporting
Part 1.10	Section 335-3-1-.05	Sampling and Test Methods
Part 1.11	Section 335-3-1-.06	Compliance Schedule
Part 1.12	Section 335-3-1-.07	Maintenance and Malfunctioning of Equipment; Reporting
Part 1.13	Section 335-3-1-.08	Prohibition of Air Pollution
Sections 3.2.1 – 3.2.4 & Part 3.4	Section 335-3-1-.09	Variances
Part 1.15	Section 335-3-1-.10	Circumvention
Part 1.16	Section 335-3-1-.11	Severability
Part 1.17	Section 335-3-1-.12	Bubble Provision
Part 1.18	Section 335-3-1-.13	Credible Evidence
Part 1.20	Section 335-3-1-.15	Emissions Inventory Reporting Requirements
Chapter 2	Chapter No. 335-3-14	Air Permits
Part 2.1	Section 335-3-14-.01	General Provisions
Part 2.2, except 2.2.4(h)	Section 335-3-14-.02	Permit Procedures
Part 2.3	Section 335-3-14-.03	Standards for Granting Permits
Part 2.4	Section 335-3-14-.04 ^{1, 2, 3}	Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration (PSD)]
Part 2.5	Section 335-3-14-.05 ⁴	Air Permits Authorizing Construction in or Near Nonattainment Areas
Chapter 4	Chapter No. 335-3-2	Air Pollution Emergency
Part 4.1	Section 335-3-2-.01	Air Pollution Emergency
Part 4.3	Section 335-3-2-.02	Episode Criteria
Part 4.4	Section 335-3-2-.03	Special Episode Criteria
Part 4.5	Section 335-3-2-.04	Emission Reduction Plans
Part 4.6	Section 335-3-2-.05	Two Contaminant Episode
Part 4.7	Section 335-3-2-.06	General Episodes
Part 4.8	Section 335-3-2-.07	Local Episodes
Part 4.9	Section 335-3-2-.08	Other Sources
Section 4.2.3	Section 335-3-2-.09	Other Authority Not Affected
Chapter 5	Chapter No. 335-3-3	Control of Open Burning and Incineration
Sections 5.1.1 – 5.1.5 ⁵	Section 335-3-3-.01	Open Burning

¹ EPA approval does not include the changes to 335-3-14-.04(2)(w)1., state effective July 11, 2006, which lists a 100 ton per year significant net emissions increase for regulated NSR pollutants not otherwise specified at 335-3-14-.04(2)(w).

² EPA approval does not include the significant impact levels at 335-3-14-.04(10)(b) which were withdrawn from EPA consideration on October 9, 2014.

³ EPA approval does not include the second sentence of paragraph 335-3-14-.04(2)(bbb)2., as well as the second and fourth sentences of paragraph 335-3-14-.04(2)(bbb)3., which include changes from the vacated federal ERP rule and were withdrawn from EPA consideration by the State on May 5, 2017.

⁴ EPA approval does not include the portion of 335-3-14-.05(1)(k) stating "excluding ethanol production facilities that produce ethanol by natural fermentation"; and 335-3-14-.05(2)(c)3 (addressing fugitive emission increases and decreases). Also with the exception of the state-withdrawn elements: 335-3-14-.05(1)(h) (the actual-to-potential test for projects that only involve existing emissions units); the last sentence at 335-3-14-.05(3)(g), stating "Interpollutant offsets shall be determined based upon the following ratios"; and the NNSR interpollutant ratios at 335-3-14-.05(3)(g)1-4.

⁵ See also Guidelines & Standard Operating Procedures for Issuance of Open Burning Authorizations at the end of Chapter 5. ADEM 335-3-3-.01(2)(b)(6) also prohibits open burning during declared air stagnation advisories and drought emergencies.

JCDH Citation	State Citation	Title/Subject
Part 5.2	Section 335-3-3-.02	Incinerators
Part 5.3 ⁶ , except 5.3.4	Section 335-3-3-.03	Incineration of Wood, Peanut, and Cotton Ginning Waste
Chapter 6	Chapter No. 335-3-4	Control of Particulate Emissions
Part 6.1	Section 335-3-4-.01	Visible Emissions
Part 6.2	Section 335-3-4-.02 ⁷	Fugitive Dust and Fugitive Emissions
Part 6.3	Section 335-3-4-.03	Fuel Burning Equipment
Part 6.4	Section 335-3-4-.04	Process Industries—General
Part 6.5 ⁸	Section 335-3-4-.05	Small Foundry Cupola
Part 6.6	Section 335-3-4-.06	Cotton Gins
Part 6.7	Section 335-3-4-.07	Kraft Pulp Mills
Part 6.8	Section 335-3-4-.08	Wood Waste Boilers
Part 6.9	Section 335-3-4-.09	Coke Ovens
Part 6.10	Section 335-3-4-.11	Cement Plants
No equivalent provision	Section 335-3-4-.10	Primary Aluminum Plants
Part 6.12	Section 335-3-4-.12	Xylene Oxidation Process
No equivalent provision	Section 335-3-4-.14	Grain Elevators
No equivalent provision	Section 335-3-4-.15	Secondary Lead Smelters
Chapter 7	Chapter No. 335-3-5	Control of Sulfur Compound Emissions
Part 7.1	Section 335-3-5-.01	Fuel Combustion
Part 7.2 is not equivalent	Section 335-3-5-.02	Sulfuric Acid Plants
No equivalent provision	Section 335-3-5-.03	Petroleum Production
No equivalent provision	Section 335-3-5-.04	Kraft Pulp Mills
No equivalent provision	Section 335-3-5-.05	Process Industries—General
Parts 7.6 through 7.36	Sections 335-3-5-.06 through 335-3-5-.36	TR SO ₂ Trading Program
Chapter 8	Chapter No. 335-3-6	Control of Volatile Organic Compound (VOC) Emissions
Part 8.1 ⁹	Section 335-3-6-.24	Applicability
Part 8.2	Section 335-3-6-.25	VOC Water Separation
Part 8.3	Section 335-3-6-.26 ¹⁰	Loading and Storage of VOC
Part 8.4	Section 335-3-6-.27	Fixed-Roof Petroleum Liquid Storage Vessels
Part 8.5	Section 335-3-6-.28	Bulk Gasoline Plants
Part 8.6	Section 335-3-6-.29	Gasoline Terminals
Part 8.7, except 8.7.4(b) & 8.7.5(e)	Section 335-3-6-.30	Gasoline Dispensing Facilities Stage 1
Part 8.11	Section 335-3-6-.32	Surface Coating
Part 8.12	Section 335-3-6-.33	Solvent Metal Cleaning
Part 8.13	Section 335-3-6-.34	Cutback and Emulsified Asphalt
Part 8.14	Section 335-3-6-.35 ¹¹	Petition for Alternative Controls
Part 8.15	Section 335-3-6-.36	Compliance Schedules
Part 8.16	Section 335-3-6-.37	Test Methods and Procedures
Part 8.18	Section 335-3-6-.39	Manufacture of Synthesized Pharmaceutical Products
Part 8.20, except 8.20.8	Section 335-3-6-.41	Leaks from Gasoline Tank Trucks and Vapor Collection Systems
No equivalent provision	Section 335-3-6-.42 ¹²	Leaks from Petroleum Refinery Equipment

⁶ JCDH has no equivalent for ADEM 335-3-3-.03(5), which states "Each incinerator subject to this Rule shall be properly designed, equipped, and maintained for its maximum rated burning capacity and shall be equipped with an underfire forced air system, an over-fire air recirculation secondary construction system, and variable control damper, all of which shall be electronically controlled to insure the optimum temperature range for the complete combustion of the amount and type of material waste being charged into the incinerator. Each such incinerator shall be equipped with a temperature recorder which shall be operated continuously with the incinerator, and the temperature records shall be made available for inspection at the request of the Director."

⁷ EPA approved the version of 335-3-4-.02 that became effective on November 21, 1996. Subsequent changes are not approved SIP provisions.

⁸ All allowable emissions rates in Table 6-3 should be construed to have 2 significant figures, consistent with ADEM 335-3-4-.05, Table 4-3.

⁹ The definition at ADEM 335-3-6-.24(2)(d) is located at JCDH Part 1.3.

¹⁰ EPA approved the version of 335-3-6-.26 that became effective on June 9, 1987. Subsequent changes are not approved SIP provisions.

¹¹ EPA approved the version of 335-3-6-.35 that became effective on June 9, 1987. Subsequent changes are not approved SIP provisions.

¹² Removed and reserved. SIP approval remains in effect.

JCDH Citation	State Citation	Title/Subject
No equivalent provision	Section 335-3-6-.42 ¹³	Leaks from Petroleum Refinery Equipment
Part 8.22	Section 335-3-6-.43	Graphic Arts
Part 8.23	Section 335-3-6-.44	Petroleum Liquid Storage in External Floating Roof Tanks
Part 8.24	Section 335-3-6-.45	Large Petroleum Dry Cleaners
Part 8.26	Section 335-3-6-.47	Leaks from Coke by-Product Recovery Plant Equipment
Part 8.27	Section 335-3-6-.48	Emissions from Coke by-Product Recovery Plant Coke Oven Gas Bleeder
Part 8.28	Section 335-3-6-.49	Manufacture of Laminated Countertops
Part 8.29	Section 335-3-6-.50	Paint Manufacture
Part 8.32 ¹⁴	Section 335-3-6-.53	List of EPA Approved and Equivalent Test Methods and Procedures for the Purpose of Determining VOC Emissions
Chapter 9	Chapter No. 335-3-7	Control of Carbon Monoxide Emissions
Part 9.1	Section 335-3-7-.01	Metals Productions
Part 9.2	Section 335-3-7-.02	Petroleum Processes
Chapter 10	Chapter No. 335-3-8	Control of Nitrogen Oxides Emissions
Part 10.1	Section 335-3-8-.01	Standards for Portland Cement Kilns
Part 10.2	Section 335-3-8-.02	Nitric Acid Manufacturing
Part 10.3	Section 335-3-8-.03	NO _x Emissions from Electric Utility Generating Units
Part 10.4	Section 335-3-8-.04	Standards for Stationary Reciprocating Internal Combustion Engines
Part 10.5	Section 335-3-8-.05	New Combustion Sources
Parts 10.7 through 10.38	Sections 335-3-8-.07 through 335-3-8-.38	TR NO _x Annual Trading Program
Parts 10.39 through 10.70	Sections 335-3-8-.39 through 335-3-8-.70	TR NO _x Ozone Season Group 2 Trading Program
No equivalent provision	Section 335-3-8-.71	NO _x Budget Program
No equivalent provision	Section 335-3-8-.72 ¹⁵	NO _x Budget Program Monitoring and Reporting
Chapter 11	Chapter No. 335-3-9	Control of Emissions from Motor Vehicles
Part 11.1	Section 335-3-9-.01	Visible Emission Restriction for Motor Vehicles
Part 11.2	Section 335-3-9-.02	Ignition System and Engine Speed
Part 11.3	Section 335-3-9-.03	Crankcase Ventilation Systems
Part 11.4	Section 335-3-9-.04	Exhaust Emission Control Systems
Part 11.5	Section 335-3-9-.05	Evaporative Loss Control Systems
Part 11.6	Section 335-3-9-.06	Other Prohibited Acts
Part 11.7	Section 335-3-9-.07	Effective Date
Chapter 17	Chapter No. 335-3-15	Synthetic Minor Operating Permits
Part 17.1	Section 335-3-15-.01 ¹⁶	Definitions
Part 17.2, except 17.2.8(h)(7)	Section 335-3-15-.02	General Provisions
Part 17.3	Section 335-3-15-.03	Applicability
Part 17.4 ¹⁷	Section 335-3-15-.04	Synthetic Minor Operating Permit Requirements
Part 17.5, except 17.5.2	Section 335-3-15-.05	Public Participation
Chapter 19	Chapter No. 335-3-17	Conformity of Federal Actions to State Implementation Plans
Part 19.1	Section 335-3-17-.01	Transportation Conformity
Part 19.2	Section 335-3-17-.02	General Conformity

¹³ Removed and reserved. SIP approval remains in effect.

¹⁴ Test Methods 204, 204A-204F are not included in the EPA-approved SIP.

¹⁵ EPA conditionally approved Rule 335-3-8-.72, NO_x Budget Program Monitoring and Reporting, submitted by Alabama on February 27, 2020, into the Alabama SIP on July 7, 2021. This conditional approval is based on Alabama's September 15, 2020, commitment to the EPA to correct, within one year of the conditional approval, the stack testing requirement, which was added to Rule 335-3-8-.72(1)(c) in error. If Alabama fails to meet its commitment by July 7, 2022, the conditional approval will become a disapproval on July 7, 2022 and EPA will issue a notification to that effect.

¹⁶ EPA approved the version of 335-3-15-.01 that became effective on November 21, 1996. Subsequent changes are not approved SIP provisions.

¹⁷ JCDH Part 17.4 does not include the federally enforceable provisions of ADEM 335-3-15-.04(1)(g) and (3)(c).



JEFFERSON COUNTY DEPARTMENT OF HEALTH

1400 6th Avenue South | Birmingham, AL 35233 (205) 933-9110 | www.jcdh.org

Serving Jefferson County Since 1917

Environmental Health Services

Jonathan Stanton, P.E., Director

March 10, 2022

Mr. Cecil Croxton
Plant Manager
Precoat Metals
3399 Davey Allison Blvd.
Hueytown, AL 35023

Dear Mr. Croxton,

Enclosed please find a Title V Permit for Precoat Metals, located at 3399 Davey Allison Blvd. in Hueytown, AL 35023.

Permit No.

4-07-0556-04

Nature of Business:

Metal Coil Surface Coating

If you have any questions or comments, please advise.

Sincerely,

Jonathan Stanton, Director
Environmental Health Services

JS/jh

Enclosures

Title V Permit



JEFFERSON COUNTY DEPARTMENT OF HEALTH

1400 6th Avenue South | Birmingham, AL 35233 (205) 933-9110 | www.jcdh.org

Serving Jefferson County Since 1917

Environmental Health Services

Jonathan Stanton, P.E., Director

March 10, 2022

Mr. Ron Gore
Alabama Department of Environmental Management
P.O. Box 301463
Montgomery, Alabama 36130-1463

Dear Mr. Gore,

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Permit No.

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Enclosures

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