



## Part 70 Air Quality Permit

**Tube City IMS (Darlington Site)  
Highway 52 North  
Darlington, SC 29532**

In accordance with the provisions of the Pollution Control Act, Sections 48-1-50(5) and 48-1-110(a), and the 1976 Code of Laws of South Carolina, as amended, Regulation 61-62, the above named permittee is hereby granted permission to discharge air contaminants into the ambient air. The Bureau of Air Quality authorizes the operation of this facility and its applicable equipment specified herein in accordance with valid construction permits, and the plans, specifications, and other information submitted in the Title V permit application received on October 14, 2008, as amended.

This permit is subject to and conditioned upon the terms, limitations, standards, and schedules contained in or specified on the 25 pages of this permit and its accompanying attachments.

**Permit Number: TV-0820-0047**  
**Issue Date: DRAFT**

**Effective Date: DRAFT**  
**Expiration Date: DRAFT**

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**Director, Engineering Services Division  
Bureau of Air Quality**



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**PART 1 - GENERAL INFORMATION**

**PART 1.A - APPLICABLE PERMIT DATES**

ISSUED DATE:	DRAFT
EFFECTIVE DATE:	DRAFT
EXPIRATION DATE:	DRAFT
RENEWAL APPLICATION DUE:	DRAFT

**PART 1.B - FACILITY INFORMATION**

FEDERAL TAX IDENTIFICATION NUMBER:	20-0221662
SIC CODE(S):	7389
NAICS CODE(S):	327999
EPA (AIRS) FACILITY ID NUMBER:	4503100047

**PART 1.C - FACILITY PHYSICAL ADDRESS**

FACILITY STREET ADDRESS:	Highway 52North
COUNTY FACILITY IS LOCATED IN:	Darlington
CITY, STATE, ZIP FACILITY IS LOCATED IN:	Darlington, SC 29532

**PART 1.D - FACILITY ENVIRONMENTAL CONTACT INFORMATION**

ENVIRONMENTAL CONTACT NAME:	Maurice Silvestris
FACILITY NAME:	Tube City IMS
CONTACT MAILING ADDRESS:	1155 Business Center Drive
CONTACT CITY, STATE, ZIP:	Horsham, PA 19044-3434
CONTACT TELEPHONE NUMBER:	(215) 956-5639
CONTACT FAX NUMBER:	(215) 956-5432
CONTACT INTERNET E-MAIL ADDRESS:	msilvestris@tubcityims.com

**PART 1.E - FACILITY BILLING ADDRESS**

BILLING CONTACT NAME:	Maurice Silvestris
FACILITY NAME:	Tube City IMS
BILLING CONTACT ADDRESS:	1155 Business Center Drive
BILLING CONTACT CITY, STATE, ZIP:	Horsham, PA 19044-3434

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**PART 2 - APPLICABILITY** [SC Regulation 61-62.70.3(a)]

Condition Number	Condition
2.1	The following sources are subject to permitting requirements of Part 70: 1. Any major source; 2. Any source, including any area source, subject to a standard, limitation, or other requirement under Section 111 of the Clean Air Act (Act); 3. Any source, including any area source, subject to a standard or other requirement under Section 112 of the Act, except that a source is not required to obtain a permit solely because it is subject to regulations or requirements under Section 112(r) of the Act; 4. Any affected source under the Title IV Acid Rain Program; 5. Any source in a source category designated by the Administrator of the US Environmental Protection Agency (US EPA) (Administrator) pursuant to this Section; and 6. Any source listed in SC Regulation 61-62.70.3(a) that is exempt from the requirement to obtain a permit under SC Regulation 61-62.70.3(b) may opt to apply for a permit under this Part 70 program.
2.2	The following source categories are exempted from the obligation to obtain a Part 70 permit, but are not exempted from other SC Department of Health and Environmental Control (Department) and US EPA requirements [SC Regulation 61-62.70.3(b)(4)]: 1. All sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR 60, Subpart AAA - Standards of Performance for New Residential Wood Heaters; and 2. All sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR 61, Subpart M - National Emission Standard for Hazardous Air Pollutants for Asbestos, Section 61.145, Standard for Demolition and Renovation.
2.3	Any person that operates or proposes to operate a particular source or installation may submit a request in writing that the Department make a determination as to whether a particular source or installation is subject to the permit requirements of Part 70. The request must contain such information as is believed sufficient for the Department to make the requested determination. The Department may request any additional information that it needs for purposes of making the determination. [SC Regulation 61-62.70.3(e)]

**PART 3 - GENERAL REQUIREMENTS**

This part describes conditions and provisions applicable to all Part 70 sources. Specific source category conditions and requirements are contained in Part 5 of this permit.

**PART 3.A - PERMIT ISSUANCE** [SC Regulation 61-62.70.7(a)(1)]

Condition Number	Condition
3.A.1	A Title V operating permit does not excuse any facility from the preconstruction permitting requirements under SC Regulation 61-62.1.
3.A.2	A permit, permit modification, or renewal may be issued only if the following conditions have been met: 1. The Department has received a complete application for a permit, permit modification, or permit renewal; 2. Except for modifications qualifying for minor permit modification procedures under SC Regulation 61-62.70.7(e)(2) and (3) the Department has complied with the requirements for public participation under SC Regulation 61-62.70.7(h); 3. The Department has complied with the requirements for notifying and responding to affected States under SC Regulation 61-62.70.8(b); 4. The conditions of the permit provide for compliance with all applicable requirements and the requirements of Part 70; and 5. The Administrator has received a copy of the proposed permit and any notices required under SC Regulation 61-62.70.8(a) and (b), and has not objected to issuance of the permit under SC Regulation 61-62.70.8(c) within the required time frame.

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**PART 3.B - PERMIT RENEWAL AND EXPIRATION** [SC Regulation 61-62.70.7(c)]

Condition Number	Condition
3.B.1	Permits being renewed are subject to the same procedural requirements, including those for public participation, affected State and US EPA review, that apply to initial permit issuance; and
3.B.2	Permit expiration terminates the source's right to operate unless a timely and complete renewal application has been submitted consistent with SC Regulation 61-62.70.5(a)(1)(iii), 62.70.5(a)(2)(iv), and 62.70.7(b). In this case, the permit shall not expire until the renewal permit has been issued or denied. All terms and conditions of the permit including any permit shield that may be granted pursuant to SC Regulation 61-62.70.6(f) shall remain in effect until the renewal permit has been issued or denied.

**PART 3.C - SEVERABILITY** [SC Regulation 61-62.70.6(a)(5)]

Condition Number	Condition
3.C.1	The provisions of this permit are severable, and if any provision of this permit, or application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

**PART 3.D - FEE ASSESSMENT AND PAYMENT** [SC Regulation 61-62.70.6(a)(7)]

Condition Number	Condition
3.D.1	The owners or operators of Part 70 sources shall pay fees to the Department consistent with the fee schedule approved pursuant to SC Regulation 61-62.70.9.

**PART 3.E - SUBMITTAL OF INFORMATION** [SC Regulation 61-62.70.6(a)(6)(v)]

Condition Number	Condition
3.E.1	The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request, in writing, to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. The Department may also request that the permittee furnish such records directly to the Administrator along with a claim of confidentiality.

**PART 3.F - PUBLIC PARTICIPATION** [SC Regulation 61-62.70.7(h)]

Condition Number	Condition
3.F.1	Except for modifications qualifying for minor permit modification procedure, all permit proceedings, including initial permit issuance, significant modifications, and renewals, shall provide adequate procedures for public notice including offering an opportunity for public comment and hearing on the draft permit. These procedures shall meet all requirements of SC Regulation 61-62.70.7(h).

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**PART 3.G - PERMIT REOPENING** [SC Regulation 61-62.70.7(f)]

Condition Number	Condition
3.G.1	The permit may be modified, revoked, reopened and reissued, or terminated for cause by the Department. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [SC Regulation 61-62.70.6(a)(6)(iii)].
3.G.2	This permit shall be reopened and revised under any of the following circumstances: <ol style="list-style-type: none"> <li>1. Additional applicable requirements under the Act become applicable to a major Part 70 source with a remaining permit term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement unless the regulation specifically provides for a longer compliance period. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to SC Regulation 61-62.70.7(c)(1)(ii).</li> <li>2. Additional requirements, including excess emission requirements, become applicable to an affected source under the acid rain program. Excess emissions offset plans shall be deemed to be incorporated into this permit upon approval by the Administrator.</li> <li>3. The Department or US EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.</li> <li>4. The Administrator or the Department determines that the permit must be revised or revoked to assure compliance with the applicable requirements.</li> </ol>
3.G.3	Proceedings to reopen and issue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be as expeditious as practicable. Reopenings shall not be initiated before a notice of such intent is provided to the Part 70 source by the Department at least thirty (30) days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

**PART 3.H - TEMPORARY SOURCES** [SC Regulation 61-62.70.6(e)]

Condition Number	Condition
3.H.1	The Department may issue a single permit authorizing emissions from similar operations by the same source owner or operator at multiple temporary locations. The operation must be temporary and involve at least one change in location during the term of the permit. No sources subject to Title IV of the Act shall be permitted as a temporary source. Permits for temporary sources shall include all requirements of SC Regulation 61-62.70.6(e).

**PART 3.I - EMERGENCY PROVISIONS** [SC Regulation 61-62.70.6(g)(3)]

Condition Number	Condition
3.I.1	In the case of an emergency, as defined in SC Regulation 61-62.70.6(g), the permittee shall demonstrate an affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that: <ol style="list-style-type: none"> <li>1. An emergency occurred and that the permittee can identify the cause(s) of the emergency;</li> <li>2. The permitted facility was at the time being properly operated; and</li> <li>3. 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.</li> </ol>
3.I.2	Additionally, the permittee shall submit verbal notification of the emergency to the Department within twenty-four (24) hours of the time when emission limitations were exceeded, followed by written notifications within thirty (30) days. This notice fulfills the requirement of SC Regulation 61-62.70.6(a)(3)(iii)(B). This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
3.I.3	This provision is in addition to any emergency or upset provision contained in any applicable requirement. In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.

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**PART 3.J - PROPERTY RIGHTS** [SC Regulation 61-62.70.6(a)(6)(iv)]

Condition Number	Condition
3.J.1	This permit does not convey any property rights of any sort, or any exclusive privilege.

**PART 3.K - ECONOMIC INCENTIVES, MARKETABLE PERMITS, EMISSION TRADING**  
[SC Regulation 61-62.70.6(a)(8)]

Condition Number	Condition
3.K.1	No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.

**PART 3.L - TITLE IV SOURCES** [SC Regulation 61-62.70.6(a)(4)]

Condition Number	Condition
3.L.1	Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be incorporated into the permit and shall be enforceable by the Administrator. [SC Regulation 61-62.70.6(a)(1)(ii)]
3.L.2	The permittee is prohibited from emissions exceeding any allowances that the source lawfully holds under Title IV of the Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by a source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowances shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Act.

**PART 3.M - ADMINISTRATIVE PERMIT AMENDMENTS** [SC Regulation 61-62.70.7(d)(3)]

Condition Number	Condition
3.M.1	An administrative permit amendment as defined in SC Regulation 61-62.70.7(d) can be made by the Department consistent with the following: <ol style="list-style-type: none"> <li>1. The Department shall take no more than sixty (60) days from receipt of a request for an administrative permit amendment to take final action on such request, and may incorporate such changes without providing notice to the public or affected States provided that it designates any such permit revisions as having been made pursuant to this paragraph.</li> <li>2. The Department shall submit a copy of the revised permit to the Administrator.</li> <li>3. The source may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request, except transfer/ownership which must comply with SC Regulation 61-62.1, Section II(M).</li> </ol>

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**PART 3.N - MINOR PERMIT MODIFICATIONS [SC Regulation 61-62.70.7(e)(2)]**

Condition Number	Condition
3.N.1	Minor permit modifications can be made by the Department in accordance with SC Regulation 61-62.70.7(e)(2)(i). An application requesting the use of minor permit modification procedures shall meet the requirements of SC Regulation 61-62.70.5(c) and shall include items as specified in SC Regulation 61-62.70.7(e)(2)(ii).
3.N.2	The Department may modify the procedure outlined in SC Regulation 61-62.70.7(e)(2) to process groups of a source's applications for certain modifications eligible for minor permit modification processing. Group processing of minor permit applications will proceed as outlined in SC Regulation 61-62.70.7(e)(3).

**PART 3.O - SIGNIFICANT PERMIT MODIFICATION PROCEDURES [SC Regulation 61-62.70.7(e)(4)]**

Condition Number	Condition
3.O.1	Significant permit modification procedures shall be used for applications requesting permit modifications listed in SC Regulation 61-62.70.7(e)(4)(i). Significant permit modifications shall meet all requirements of Part 70, including those for applications, public participation, review by affected States, and review by US EPA, as they apply to permit issuance and permit renewal.

**PART 3.P - DUTY TO COMPLY [SC Regulation 61-62.70.6(a)(6)(i)]**

Condition Number	Condition
3.P.1	The permittee must comply with all of the conditions of this permit. Any permit noncompliance constitutes a violation of the SC Pollution Control Act and/or the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of permit renewal application.

**PART 3.Q - INSPECTION AND ENTRY [SC Regulation 61-62.70.6(c)(2)]**

Condition Number	Condition
3.Q.1	<p>Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:</p> <ol style="list-style-type: none"> <li>1. Enter upon the permittee's premises where a Part 70 source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit.</li> <li>2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit.</li> <li>3. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.</li> <li>4. As authorized by the Act and/or the SC Pollution Control Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.</li> </ol>

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**PART 3.R - COMPLIANCE REQUIREMENTS [SC Regulation 61-62.70.6(c)(5)]**

Condition Number	Condition
3.R.1	Consistent with SC Regulations 61-62.70.6(a)(3), 61-62.70.6(a)(3)(iii)(A), and 61-62.70.6(c)(5), this permit contains compliance certification, testing, monitoring, reporting, and record keeping requirements sufficient to assure compliance with the terms and conditions of this permit. Any application form, report, or compliance certification shall contain a certification by a responsible official (as defined by SC Regulation 61-62.70.2(cc)) that meets the requirements of SC Regulation 61-62.70.5(d).
3.R.2	The responsible official shall certify, annually, compliance with the conditions of this permit as required under SC Regulation 61-62.70.6(c). The compliance certification shall include the following: <ol style="list-style-type: none"> <li>1. The identification of each term or condition of the permit that is the basis of the certification.</li> <li>2. The identification of the method(s) or means used for determining the status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in SC Regulation 61-62.70.6(c)(5)(iii)(B). The certification shall identify each deviation and take it into account in the compliance certification.</li> <li>3. The status of compliance with the terms and conditions of the permit for the period covered by the certification.</li> <li>4. Such other facts as the Department may require to determine the compliance status of the source.</li> </ol>

**PART 3.S - RECORD KEEPING REQUIREMENTS [SC Regulation 61-62.70.6(a)(3)(ii)]**

Condition Number	Condition
3.S.1	The permittee shall comply, where applicable, with the following monitoring/support information collection and retention record keeping requirements: <ol style="list-style-type: none"> <li>1. Records of required monitoring information that include the following: <ol style="list-style-type: none"> <li>a. The date, place as defined in the permit, and time of sampling or measurements;</li> <li>b. The date(s) analyses were performed;</li> <li>c. The company or entity that performed the analyses;</li> <li>d. The analytical techniques or methods used;</li> <li>e. The results of such analyses; and</li> <li>f. The operating conditions as existing at the time of sampling or measurement;</li> </ol> </li> <li>2. Retention of records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.</li> </ol>

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**PART 3.T - SCHEDULE OF COMPLIANCE [SC Regulation 61-62.70.5(c)(8)]**

Condition Number	Condition
3.T.1	<p>The permittee shall submit a compliance schedule that contains the following for all Part 70 sources that are not in compliance with all applicable rules:</p> <ol style="list-style-type: none"> <li>1. A description of the source's compliance status and where appropriate a compliance schedule with respect to all applicable requirements as follows: <ol style="list-style-type: none"> <li>a. For applicable requirements with which the source is in compliance, a statement that during the permit term the source will continue to comply with such requirements.</li> <li>b. For applicable requirements that will become effective during the permit term, a statement that the source will meet such requirements on a timely basis, unless a more detailed schedule is expressly required by the applicable requirement.</li> <li>c. A schedule of compliance for sources that are not in compliance with all applicable requirements at the time of permit issuance. This schedule shall include a narrative description of how the source will achieve compliance with such requirements, a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with all applicable requirements for which the source will be in noncompliance at the time of permit issuance. This compliance schedule shall be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. Any such schedule of compliance shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based.</li> </ol> </li> <li>2. A schedule for submission of certified progress reports no less frequently than every six (6) months for sources required to have a schedule of compliance to remedy a violation. Progress reports shall meet the requirements of SC Regulation 61-62.70.6(c)(4)(i) and (ii).</li> <li>3. The compliance plan content requirements specified in this paragraph shall apply and be included in the acid rain portion of a compliance plan for an affected source, except as specifically superseded by regulations promulgated under Title IV of the Act with regard to the schedule and method(s) the source will use to achieve compliance with acid rain emissions limitations.</li> </ol>

**PART 3.U - NEED TO HALT OR REDUCE ACTIVITY NOT A DEFENSE [SC Regulation 61-62.70.6(a)(6)(ii)]**

Condition Number	Condition
3.U.1	It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

**PART 3.V - OPERATIONAL FLEXIBILITY [SC Regulation 61-62.70.7(e)(5)]**

Condition Number	Condition
3.V.1	Changes under the Clean Air Act, Section 502(b)(10), are changes that contravene an express permit term. Such changes do not include changes that would violate applicable requirements or contravene federally enforceable permit terms and conditions that are monitoring (including test methods), record keeping, reporting, or compliance certification requirements. A permitted facility is authorized to make section 502(b)(10) changes within its facility without requiring a permit revision, if the changes are not modifications under any provision of Title I of the Act and the changes do not exceed the emissions allowable under this permit. The permitted facility shall provide the Administrator and the Department written notification as required by SC Regulation 61-62.70.7(e)(5) at least seven (7) days prior to such changes.

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**PART 4 - FACILITY WIDE GENERAL REQUIREMENTS**

This part describes conditions and provisions applicable to all Part 70 sources. Specific source category conditions and requirements are contained in Part 5 of this permit.

Condition Number	Condition
4.1	In accordance with SC Regulation 61-62.1, Section II, the permittee must comply with all applicable Air Quality statutes and regulations of the United States and the State of South Carolina. This permit does not relieve the permittee from compliance with applicable local laws, ordinances, and regulations such as, but not exclusive to zoning, building permits and other programs regulated by entities other than the Bureau of Air Quality.
4.2	<p>In accordance with SC Regulation 61-62.1, Section II(J), for all sources not required to have continuous emissions monitors, any malfunction of air pollution control equipment or system, process upset or other equipment failure which results in discharges of air contaminants lasting for one hour or more and which are greater than those discharges described for normal operation in the permit application shall be reported to the local Environmental Quality Control (EQC) Regional office within twenty-four (24) hours after the beginning of the occurrence.</p> <p style="text-align: center;"><b>Region 1 EQC Field Office</b>  <b>Air Quality Contact</b>  <b>Phone No. - (864) 223-0333</b>  <b>FAX No. - (864) 223-6935</b></p> <p>The permittee shall also submit a written report within thirty (30) days of the occurrence. This report shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality (BAQ).</p> <p style="text-align: center;"><b>SCDHEC – BAQ</b>  <b>Technical Management Section</b>  <b>2600 Bull Street</b>  <b>Columbia, SC 29201</b></p> <p>The report shall contain as a minimum, the following: the identity of the stack and/or emission point where the excess emissions occurred, the magnitude of excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the excess emissions, the time and duration of excess emissions, the identity of the equipment causing the excess emissions, the steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction, the steps taken to limit the excess emissions, and documentation that control equipment, process equipment, and processes were at all times maintained and operated, to the maximum extent practicable, in a manner that was consistent with good practice for minimizing emissions. This defines the Department’s definition of prompt in its relation to the degree of reporting as specified by SC Regulation 61-62.70.6(a)(3)(iii)(B).</p>
4.3	The owners or operators of Part 70 sources shall complete and submit a new updated emissions inventory consistent with the schedule approved pursuant to SC Regulation 61-62.1, Section III. This requirement notwithstanding, an emissions inventory may be required at any time in order to determine the compliance status of any facility.
4.4	The permittee shall comply with SC Regulation 61-62.2 “Prohibition of Open Burning”.
4.5	The permittee shall comply with SC Regulation 61-62.4 “Hazardous Air Pollution Conditions”.
4.6	The permittee shall comply with SC Regulation 61-62.6 “Control of Fugitive Particulate Matter”, Section III “Control of Fugitive Particulate Matter Statewide”.
4.7	The permittee shall comply with the standards of performance for asbestos abatement operations pursuant to 40 CFR Part 61.145 and SC Regulation 61-86.1, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
4.8	The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, Protection of Stratospheric Ozone, Recycling and Emissions Reduction, except as provided for motor vehicle air conditioners (MVACs) in Subpart B. If the permittee performs a service on motor (fleet) vehicles that involves ozone-depleting substance refrigerant in MVACs, the permittee is subject to all applicable requirements of 40 CFR Part 82, Subpart B, Servicing of MVACs.

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**PART 4 - FACILITY WIDE GENERAL REQUIREMENTS**

This part describes conditions and provisions applicable to all Part 70 sources. Specific source category conditions and requirements are contained in Part 5 of this permit.

Condition Number	Condition
4.9	Air dispersion modeling (or other method) has demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal ambient air quality standard. Any changes in the parameters used in the air dispersion modeling may require a review by the facility to determine continuing compliance with these standards. These potential changes include any decrease in stack height, decrease in stack velocity, increase in stack diameter, decrease in stack exit temperature, increase in building height or building additions, increase in emission rates, decrease in distance between stack and property line, changes in vertical stack orientation, and installation of a rain cap that impedes vertical flow. Parameters that are not required in the determination will not invalidate the demonstration if they are modified. The emission rates used in the determination are listed in Attachment A of this permit. Higher emission rates may be administratively incorporated into Attachment A of this permit provided a demonstration using these higher emission rates shows the attainment and maintenance of any state or federal ambient air quality standard or with any other applicable requirement. Variations from the input parameters in the demonstration shall not constitute a violation unless the maximum allowable ambient concentrations identified in the standard are exceeded. This is a State Only enforceable requirement.
4.10	The owner/operator shall maintain this facility at or below the emission rates as listed in Attachment A, not to exceed the pollutant limitations of this Part 70 operating permit. Should the facility wish to increase the emission rates listed in Attachment A, not to exceed the pollutant limitations in the body of this permit, it may do so by the administrative process specified in condition 4.9. This is a State Only enforceable requirement.
4.11	A list of equipment which are considered insignificant pursuant to SC Regulation 61-62.70.5(c) has been submitted with your Title V application and reviewed by the Bureau. The list, including source descriptions and citation for insignificant status, is summarized in Attachment B of this permit. Attachment B excludes those activities identified in Section A of the Insignificant Activities List for SC Regulation 61-62.70 "Title V Operating Permit Program." Written notification to the Bureau of Air Quality is required for the addition of any new equipment which may meet the definition of insignificant or exempt, excluding those sources listed in Section A of the Insignificant Activities List for SC Regulation 61-62.70 "Title V Operating Permit Program."

**PART 5 - EMISSION UNIT REQUIREMENTS**

**PART 5.A - EMISSION UNIT DESCRIPTION**

Emission Unit ID	Emission Unit Description	Control Device Type (Generic Description)
01	Main Separator Plant	Wet Suppression

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**PART 5.B - GENERIC EMISSION UNIT CONDITIONS**

Condition Number	Emission Unit ID	Equipment (or CD-) ID	Condition
5.B.1	01	All sources	Unless elsewhere specified within this permit, all records required to demonstrate compliance with the limits established under this permit shall be maintained on site for a period of at least five (5) years from the date generated and shall be made available to a Department representative upon request.
5.B.2	01	All sources	Equipment capacities provided under the Equipment Description column of the Equipment Tables in Part 5.C are not intended to be permit limits unless otherwise specified within the Table of Conditions for the particular equipment. However, this condition does not exempt the facility from the construction permitting process, from PSD review, nor from any other applicable requirements that must be addressed prior to increasing production rates.
5.B.3	01	All sources	The owner/operator shall designate one person (or staff position) as responsible for environmental matters during each shift. This person (or position) shall be the contact with the Department and the Regional Office when any complaint, control malfunction, etc. has occurred and shall have the authority to correct all deficiencies.

**PART 5.C - EMISSION UNIT - LIMITATIONS, MONITORING AND REPORTING**  
[SC Regulation 61-62.1, Section II]; [SC Regulation 61-62.70.6(a)(3)(i)(B)]

**PART 5.C.01a - EQUIPMENT FOR EMISSION UNIT ID 01 - MAIN SEPARATOR PLANT**

Equipment ID	Equipment Description	Install Date	Control Device ID	Emission Point ID
CR-1	62.0 tph 18" x 36" Jaw Crusher	Pre-1994	CD-01	CR-1
H-1	300 tph 12' x 12' Grizzly Hopper with VGF	Pre-1994	CD-01	H-1
H-2	279 tph 10' x 10' Hopper with Syntron Feeder	Pre-1994	CD-01	H-2
H-201	108 tph 8'5" x 8'5" Hopper with Syntron Feeder	1998	CD-01	H-201
S-1	28.0 tph 5' x 10' 2 Deck Screen S-1	Pre-1994	CD-01	S-1
S-2	251 tph 5' x 10' 2 Deck Screen S-2	Pre-1994	CD-01	S-2
S-201	108 tph 5' x 12' 2 Deck Screen S-201	1998	CD-01	S-201
C-1	300 tph 36" x 65' Conveyor C-1	Pre-1994	CD-01	C-1
C-1B	279 tph 42" x 60' Conveyor C-1B	Pre-1994	CD-01	C-1B
C-2	17.0 tph 24" x 33' Conveyor C-2	Pre-1994	CD-01	C-2
C-3	108 tph 24" x 33' Conveyor C-3	Pre-1994	CD-01	C-3
C-4	63.0 tph 36" x 33' Conveyor C-4	Pre-1994	CD-01	C-4
C-5	81.0 tph 24" x 33' Conveyor C-5	Pre-1994	CD-01	C-5
C-6	11.0 tph 24" x 33' Conveyor C-6	Pre-1994	CD-01	C-6
C-7	63.0 tph 30" x 70' Conveyor C-7	Pre-1994	CD-01	C-7

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**PART 5.C.01a - EQUIPMENT FOR EMISSION UNIT ID 01 - MAIN SEPARATOR PLANT**

<b>Equipment ID</b>	<b>Equipment Description</b>	<b>Install Date</b>	<b>Control Device ID</b>	<b>Emission Point ID</b>
C-8	108 tph 30" x 70' Conveyor C-8	Pre-1994	CD-01	C-8
C-9	108 tph 30" x 70' Conveyor C-9	Pre-1994	CD-01	C-9
C-10	108 tph 30" x 80' Conveyor C-10	1998	CD-01	C-10
C-11	30.0 tph 30" x 100' Conveyor C-11	1998	CD-01	C-11
C-12	45.0 tph 30" x 80' Conveyor C-12	1998	CD-01	C-12
SP	Storage Piles	N/A	N/A	N/A

**PART 5.C.01b - CONTROL DEVICES FOR EMISSION UNIT ID 01 - MAIN SEPARATOR PLANT**

<b>Control Device ID</b>	<b>Control Device Description</b>	<b>Install</b>	<b>Pollutant(s) Controlled</b>
CD-01	Wet Suppression	Pre-1994	PM

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**PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - MAIN SEPARATOR PLANT**

Condition Number	Equipment ID	Regulated Pollutant/Standard	Conditions
01.1	CR-1 H-1 H-2 H-201 S-1 S-2 S-201	Opacity	<p><b>Limits/Standards:</b> In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) from 18" x 36" Jaw Crusher, 12' x 12' Grizzly Hopper with VGF, 10' x 10' Hopper with Syntron Feeder, 8'5" x 8'5" Hopper with Syntron Feeder, 5' x 10' 2 Deck Screen S-1, 5' x 10' 2 Deck Screen S-2 and 5' x 12' 2 Deck Screen S-201 shall each not exhibit an opacity greater than 20%.</p> <p><b>State Only:</b> No</p> <p><b>Testing:</b> Not Required</p> <p><b>Monitoring/Recordkeeping/Reporting/Other:</b></p> <p>(A) The owner/operator shall operate its wet suppression system at all times when emission sources controlled by it are in operation in order to minimize undesirable levels of fugitive dust emissions. The owner/operator may adjust the water sprays as necessary to accommodate weather conditions or elevated material moisture content.</p> <p>(B) In case the wet suppression system is not operating properly, then a portable water spray system shall be used until the permanent water spray system is back in proper operation.</p> <p>(C) When wet suppression equipment malfunctions cause excessive emissions from an immediately adjacent and/or downstream process unit and/or process equipment (up to the next operable wet suppression site) for a period longer than one (1) hour, the owner/operator shall shut down the underlying adjacent and downstream process units and process equipment that the malfunctioning wet suppression equipment was designed to control until such time that a repair can be completed to remedy the malfunctioning wet suppression equipment For purposes of this condition, "excessive emission" shall mean visible emissions and/or mass rate emissions in excess of the applicable limits.</p> <p>(D) The owner/operator shall perform daily visual emission checks on the crusher, each screen and each hopper. Inspections shall be recorded in a log and this log shall include a dated record of all problems and corrective actions.</p> <p>(E) The owner/operator shall perform weekly inspections of all wet suppression system related equipment. Inspections shall be recorded in a log and this log shall include a dated record of all problems, corrective actions and maintenance activities.</p> <p>(F) Written guidelines shall be developed and maintained for plant operators on how to handle opacity problems. The written guidelines shall be maintained on-file and on-site and made available to Department personnel upon request.</p>

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**PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - MAIN SEPARATOR PLANT**

Condition Number	Equipment ID	Regulated Pollutant/Standard	Conditions
01.2	C-1 C-1B C-2 C-3 C-4 C-5 C-6 C-7 C-8 C-9 C-10 C-11 C-12	Conveyor Transfer Point Opacity	<p><b>Limits/Standards:</b> In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) from each transfer point of 42" x 60' Conveyor C-1, 36" x 65' Conveyor C-1B, 24" x 33' Conveyor C-2, 24" x 33' Conveyor C-3, 24" x 33' Conveyor C-4, 24" x 33' Conveyor C-5, 36" x 33' Conveyor C-6, 30" x 70' Conveyor C-7, 30" x 80' Conveyor C-8, 30" x 70' Conveyor C-9, 30" x 50' Conveyor C-10, 30" x 100' Conveyor C-11 and 24" x 18' Conveyor C-12 shall not exhibit an opacity greater than 20%.</p> <p><b>State Only:</b> No</p> <p><b>Testing:</b> Not Required</p> <p><b>Monitoring/Recordkeeping/Reporting/Other:</b></p> <p>(A) The owner/operator shall operate its wet suppression system at all times when emission sources controlled by it are in operation in order to minimize undesirable levels of fugitive dust emissions. The owner/operator may adjust the water sprays as necessary to accommodate weather conditions or elevated material moisture content.</p> <p>(B) In case the wet suppression system is not operating properly, then a portable water spray system shall be used until the permanent water spray system is back in proper operation.</p> <p>(C) When wet suppression equipment malfunctions cause excessive emissions from an immediately adjacent and/or downstream process unit and/or process equipment (up to the next operable wet suppression site) for a period longer than one (1) hour, the owner/operator shall shut down the underlying adjacent and downstream process units and process equipment that the malfunctioning wet suppression equipment was designed to control until such time that a repair can be completed to remedy the malfunctioning wet suppression equipment For purposes of this condition, "excessive emission" shall mean visible emissions and/or mass rate emissions in excess of the applicable limits.</p> <p>(D) The owner/operator shall perform daily visual emission checks on each conveyor. Inspections shall be recorded in a log and this log shall include a dated record of all problems and corrective actions.</p> <p>(E) The owner/operator shall perform weekly inspections of all wet suppression system related equipment. Inspections shall be recorded in a log and this log shall include a dated record of all problems, corrective actions and maintenance activities.</p> <p>(F) Written guidelines shall be developed and maintained for plant operators on how to handle opacity problems. The written guidelines shall be maintained on-file and on-site and made available to Department personnel upon request.</p>

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**PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - MAIN SEPARATOR PLANT**

Condition Number	Equipment ID	Regulated Pollutant/Standard	Conditions
01.3	SP	Opacity	<p><b>Limits/Standards:</b> In accordance with SC Regulation 61-62.6, Section III(b), emissions (including fugitive emissions) from slag storage piles, raw material storage piles and product storage piles shall each not exhibit an opacity greater than 10%.</p> <p><b>State Only:</b> No</p> <p><b>Testing:</b> Not Required</p> <p><b>Monitoring/Recordkeeping/Reporting/Other:</b></p> <p>(A) The owner/operator shall operate its wet suppression system at all times when emission sources controlled by it are in operation in order to minimize undesirable levels of fugitive dust emissions. The owner/operator may adjust the water sprays as necessary to accommodate weather conditions or elevated material moisture content.</p> <p>(B) In case the wet suppression system is not operating properly, then a portable water spray system shall be used until the permanent water spray system is back in proper operation.</p> <p>(C) When wet suppression equipment malfunctions cause excessive emissions from an immediately adjacent and/or downstream process unit and/or process equipment (up to the next operable wet suppression site) for a period longer than one (1) hour, the owner/operator shall shut down the underlying adjacent and downstream process units and process equipment that the malfunctioning wet suppression equipment was designed to control until such time that a repair can be completed to remedy the malfunctioning wet suppression equipment. For purposes of this condition, “excessive emission” shall mean visible emissions and/or mass rate emissions in excess of the applicable limits.</p> <p>(D) The owner/operator shall perform daily visual emission checks on each slag storage pile, raw material storage pile and product storage pile. Inspections shall be recorded in a log and this log shall include a dated record of all problems and corrective actions.</p> <p>(E) The owner/operator shall perform weekly inspections of all wet suppression system related equipment. Inspections shall be recorded in a log and this log shall include a dated record of all problems, corrective actions and maintenance activities.</p> <p>(F) Written guidelines shall be developed and maintained for plant operators on how to handle opacity problems. The written guidelines shall be maintained on-file and on-site and made available to Department personnel upon request.</p>

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**PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - MAIN SEPARATOR PLANT**

Condition Number	Equipment ID	Regulated Pollutant/Standard	Conditions						
01.4	All	Process PM	<p><b>Limits/Standards:</b> In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section VIII - Other Manufacturing, particulate matter emissions shall be limited to the rate specified by use of the following equations: for process weight rates less than or equal to 30 tons per hour (<math>E = 4.10P^{0.67}</math>) and for process weight rates greater than 30 tons per hour (<math>E = 55.0P^{0.11} - 40</math>) where E = the allowable emission rate in pounds per hour and P = process weight rate in tons per hour. As such, each process's allowable particulate matter emission limit is limited to the amount shown in the table below at its nominal production rating:</p> <table border="1" data-bbox="760 722 1425 877"> <thead> <tr> <th data-bbox="760 722 1008 821">Process</th> <th data-bbox="1008 722 1209 821">Emission Limit (lb/hr)</th> <th data-bbox="1209 722 1425 821">Process Weight Rate (tph)</th> </tr> </thead> <tbody> <tr> <td data-bbox="760 821 1008 877">Slag Processing</td> <td data-bbox="1008 821 1209 877">57.07</td> <td data-bbox="1209 821 1425 877">175.0</td> </tr> </tbody> </table> <p><b>State Only:</b> No</p> <p><b>Testing:</b> Not Required</p> <p><b>Monitoring/Recordkeeping/Reporting/Other:</b></p> <p>(A) The owner/operator shall operate its wet suppression system at all times when emission sources controlled by it are in operation in order to minimize undesirable levels of fugitive dust emissions. The owner/operator may adjust the water sprays as necessary to accommodate weather conditions or elevated material moisture content.</p> <p>(B) In case the wet suppression system is not operating properly, then a portable water spray system shall be used until the permanent water spray system is back in proper operation.</p> <p>(C) When wet suppression equipment malfunctions cause excessive emissions from an immediately adjacent and/or downstream process unit and/or process equipment (up to the next operable wet suppression site) for a period longer than one (1) hour, the owner/operator shall shut down the underlying adjacent and downstream process units and process equipment that the malfunctioning wet suppression equipment was designed to control until such time that a repair can be completed to remedy the malfunctioning wet suppression equipment. For purposes of this condition, "excessive emission" shall mean visible emissions and/or mass rate emissions in excess of the applicable limits.</p> <p>(D) The owner/operator shall perform weekly inspections of all wet suppression system related equipment. Inspections shall be recorded in a log and this log shall include a dated record of all problems, corrective actions and maintenance</p>	Process	Emission Limit (lb/hr)	Process Weight Rate (tph)	Slag Processing	57.07	175.0
Process	Emission Limit (lb/hr)	Process Weight Rate (tph)							
Slag Processing	57.07	175.0							

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**PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - MAIN SEPARATOR PLANT**

Condition Number	Equipment ID	Regulated Pollutant/Standard	Conditions
01.5	SP	Unprocessed Slag Pile Moisture Content	<p><b>Limits/Standards:</b> In accordance with SC Regulation 61-62.6, Section III(b), the owner/operator shall not process slag with a moisture content of less than 1.5%.The EPA through guidance as outlined in their April 11, 1995 letter to the Bureau of Air Quality entitled “Use of Controlled Emission Factors in Non-Metallic Mining Industries” has defined saturated material as material with a moisture content (%) verified to be above 1.5%. If the moisture content is less than 1.5%, then the pile cannot be processed until the moisture content exceeds 1.5%.</p> <p><b>State Only:</b> No</p> <p><b>Testing:</b> The owner/operator shall analyze the unprocessed slag pile monthly for pile moisture content (%) using ASTM test method C566 or equivalent.</p> <p><b>Monitoring/Recordkeeping/Reporting/Other:</b> All test results shall be kept in a log and each log entry shall contain the test date, test time and test result. Each log entry shall be kept for a calendar period of five(5) years from the entry date. The log shall be kept on-site and made available to Department personnel upon request.</p>

**PART 5.D. - CONDITIONS FOR FACILITY WIDE - LIMITATIONS, MONITORING AND REPORTING**  
[SC Regulation 61-62.1, Section II]; [SC Regulation 61-62.70.6(a)(3)(i)(B)]

Condition Number	Regulated Pollutant/Standard	Conditions
5.D.1	Slag Production	<p><b>Limits/Standards:</b> The owner/operator is limited to a total slag production rate of 225,000 tpy.</p> <p><b>State Only:</b> No</p> <p><b>Testing:</b> Not Required</p> <p><b>Monitoring/Record Keeping/Reporting/Other:</b> The owner/operator shall keep a log detailing all slag processing activities. This log shall be kept on-site and made available to Department personnel upon request. Each log entry shall contain the date and the total amount in tons of slag processed per day. At the end of each month, the daily totals shall be totaled into a monthly subtotal in tons and entered into the log.</p>

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**PART 5.D. - CONDITIONS FOR FACILITY WIDE - LIMITATIONS, MONITORING AND REPORTING**  
[SC Regulation 61-62.1, Section II]; [SC Regulation 61-62.70.6(a)(3)(i)(B)]

Condition Number	Regulated Pollutant/Standard	Conditions
5.D.2	Non-Enclosed Operations	<p><b>Limits/Standards:</b> In accordance with SC Regulation 61-62.5 Standard 4 Section X and SC Regulation 61-62.6 Section III, all non-enclosed operations shall be conducted in such a manner that a minimum of particulate matter becomes airborne. Emissions of fugitive particulate matter emitted from this source shall also be controlled in such a manner and to the degree that it does not create an undesirable level of air pollution. In no case shall established ambient air quality standards be exceeded at or beyond the property line.</p> <p><b>State Only:</b> No</p> <p><b>Testing:</b> Not Required</p> <p><b>Monitoring/Recordkeeping/Reporting/Other:</b></p> <p>(A) The owner/operator shall maintain dust control of the premises and any roadway it owns or controls by paving, or other suitable measures.</p> <p>(B) Volatile organic compounds shall not be used for dust control purposes and oil treatment is also prohibited.</p> <p>(C) Any method of materials handling which will generate fugitive particulate matter that is not fully described in the permit application shall not be used.</p> <p>(D) The water truck shall be operated at an appropriate frequency to minimize levels of fugitive dust emissions. The owner/operator may adjust the water truck operation as necessary to accommodate weather conditions or elevated material moisture content.</p> <p>(E) Written guidelines shall be developed and maintained for water truck operators on how to handle water truck failures including a back-up scenario for when it fails or is inadequate.</p> <p>(F) Weekly inspections of the water truck shall be made and proper maintenance performed if needed on the vehicle. Inspections shall be recorded in a log and this log shall include a dated record of all problems, corrective actions and maintenance activities.</p>

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**PART 5.D. - CONDITIONS FOR FACILITY WIDE - LIMITATIONS, MONITORING AND REPORTING**  
[SC Regulation 61-62.1, Section II]; [SC Regulation 61-62.70.6(a)(3)(i)(B)]

Condition Number	Regulated Pollutant/Standard	Conditions
5.D.3	Vehicular Traffic	<p><b>Limits/Standards:</b> In accordance with SC Regulation 61-62.6, Section III(b), emissions (including fugitive emissions) from vehicular traffic shall not exhibit an opacity greater than 10%.</p> <p><b>State Only:</b> No</p> <p><b>Testing:</b> Not Required</p> <p><b>Monitoring/Recordkeeping/Reporting/Other:</b></p> <p>(A) The water truck shall be operated at an appropriate frequency to minimize levels of fugitive dust emissions. The owner/operator may adjust the water truck operation as necessary to accommodate weather conditions or elevated material moisture content.</p> <p>(B) Written guidelines shall be developed and maintained for water truck operators on how to handle water truck failures including a back-up scenario for when it fails or is inadequate.</p> <p>(C) Weekly inspections of the water truck shall be made and proper maintenance performed if needed on the vehicle. Inspections shall be recorded in a log and this log shall include a dated record of all problems, corrective actions and maintenance activities.</p>
5.D.4	Loading Transportation and Unloading or Dumping of Vehicles	<p><b>Limits/Standards:</b> In accordance with SC Regulation 61-62.6, Section III(b), emissions (including fugitive emissions) from the loading, transportation, and unloading or dumping of vehicles shall each not exhibit an opacity greater than 10%.</p> <p><b>State Only:</b> No</p> <p><b>Testing:</b> Not Required</p> <p><b>Monitoring/Recordkeeping/Reporting/Other:</b></p> <p>(A) The water truck shall be operated at an appropriate frequency to minimize levels of fugitive dust emissions. The owner/operator may adjust the water truck operation as necessary to accommodate weather conditions or elevated material moisture content.</p> <p>(B) Written guidelines shall be developed and maintained for water truck operators on how to handle water truck failures including a back-up scenario for when it fails or is inadequate.</p> <p>(C) Weekly inspections of the water truck shall be made and proper maintenance performed if needed on the vehicle. Inspections shall be recorded in a log and this log shall include a dated record of all problems, corrective actions and maintenance activities.</p>

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**PART 6 - ADDITIONAL CONDITIONS**

**PART 6.A - OPERATIONAL FLEXIBILITY**

Condition Number	Conditions
N/A	N/A

**PART 6.B - COMPLIANCE SCHEDULE [SC Regulation 61-62.70.5(c)(8)]**

Condition Number	Conditions
N/A	N/A

**PART 6.C - PERMIT SHIELD [SC Regulation 61-62.70.6(f)]**

A copy of the "applicability determination" submitted with the Part 70 permit application is included as Attachment C. Compliance with the terms and conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance. The permittee shall also be shielded from any non-applicable requirements as agreed upon by the Department as specified in Attachment C with the exception of the following.

Exceptions
SC Regulation 61-62.5 Standard No. 7, Prevention of Significant Deterioration
SC Regulation 61-62.5 Standard No. 7.1, Nonattainment New Source Review (NSR)
40 CFR Part 61 Subpart M, National Emission Standard for Asbestos
Nothing in the permit shield or in any Part 70 permit shall alter or affect the provisions of Section 303 of the Act, Emergency Orders, of the Clean Air Act; the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance; the applicable requirements of the Acid Rain Program, consistent with Section 408(a) of the Clean Air Act; or the ability of US EPA to obtain information from a source pursuant to Section 114 of the Clean Air Act. In addition, the permit shield shall not apply to emission units in noncompliance at the time of permit issuance, minor permit modifications (SC Regulation 61-62.70.7(e)(2)), group processing of minor permit modifications (SC Regulation 61-62.70.7(e)(3)), or operational flexibility (SC Regulation 61-62.70.7(e)(5)(i)), except as specified in SC Regulation 61-62.70.7(e)(5)(iii).

**PART 7 - NESHA P REQUIREMENTS - RESERVED**

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**PART 8 - TITLE V REPORTING REQUIREMENTS**

**PART 8.A - TITLE V PERIODIC REPORTING SCHEDULE**

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

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

**PART 8.B - TITLE V COMPLIANCE CERTIFICATION REPORTING SCHEDULE**

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

**PART 8.C - TITLE V REPORTING CONDITIONS**

Condition Number	Condition		
8.C.1	Reporting required in this permit, shall be submitted in a timely manner as directed in Part 8.A and Part 8.B of this permit.		
8.C.2	Unless elsewhere specified within this permit, all reports required under this permit shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality, at the following address:  <p style="text-align: center;"><b>SCDHEC - BAQ</b>  <b>Technical Management Section</b>  <b>2600 Bull Street</b>  <b>Columbia, SC 29201</b></p>		
8.C.3	All Title V Annual Compliance Certifications shall be sent to the United States Environmental Protection Agency (US EPA) and the South Carolina Department of Health and Environmental Control - Bureau of Air Quality (SCDHEC - BAQ) at the following addresses:  <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; text-align: center; vertical-align: top;"> <p><b>US EPA, Region 4</b>  <b>Air Enforcement Branch</b>  <b>61 Forsyth Street</b>  <b>Atlanta, GA 30303</b></p> </td> <td style="width: 50%; text-align: center; vertical-align: top;"> <p><b>SCDHEC - BAQ</b>  <b>Technical Management Section</b>  <b>2600 Bull Street</b>  <b>Columbia, SC 29201</b></p> </td> </tr> </table>	<p><b>US EPA, Region 4</b>  <b>Air Enforcement Branch</b>  <b>61 Forsyth Street</b>  <b>Atlanta, GA 30303</b></p>	<p><b>SCDHEC - BAQ</b>  <b>Technical Management Section</b>  <b>2600 Bull Street</b>  <b>Columbia, SC 29201</b></p>
<p><b>US EPA, Region 4</b>  <b>Air Enforcement Branch</b>  <b>61 Forsyth Street</b>  <b>Atlanta, GA 30303</b></p>	<p><b>SCDHEC - BAQ</b>  <b>Technical Management Section</b>  <b>2600 Bull Street</b>  <b>Columbia, SC 29201</b></p>		

## **ATTACHMENT A**

**Modeled Emission Rates  
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The emission rates listed herein are not considered federally enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards (see conditions 4.B.9 and 4.B.10).

### **NOT APPLICABLE**

Tube City IMS (Darlington Site) is co-located with the Nucor Steel (Darlington Plant) and has fugitive PM emissions from its separator plant. The controlled emission rate from the entire plant is 1.29 lb TSP per hour and 0.62 lb PM<sub>10</sub> per hour. These emissions were included in the December 27, 2002 Nucor Steel (Darlington Plant) air dispersion modeling analysis and therefore International Mill Service, Inc. does not need to submit an air dispersion modeling analysis for its own sources.

**Draft**

## ATTACHMENT B

### Insignificant Activities Tube City IMS (Darlington Site) TV-0820-0047 Page 1 of 1

The following table contains a list of activities which are considered insignificant pursuant to South Carolina Regulation 61-62.70.5(c). Sources listed below are not exempt from any otherwise applicable state or federal requirements including, but not limited to, opacity standards, ambient air quality standards, and air toxic standards.

Equip ID	Equipment Description	Basis
IA-01	Crane	Insignificant Activities List (A)(24)
IA-02	Forklift	Insignificant Activities List (A)(24)
IA-03 IA-04	2 Scrap Handlers	Insignificant Activities List (A)(24)
IA-05	Backhoe	Insignificant Activities List (A)(24)
IA-06 IA-07	2 Loaders	Insignificant Activities List (A)(24)
IA-08	Bobcat	Insignificant Activities List (A)(24)
IA-09	Excavator	Insignificant Activities List (A)(24)
IA-10 IA-11	2 Pot Carriers	Insignificant Activities List (A)(24)
IA-12 IA-13	2 Welders	Insignificant Activities List (A)(6)
IA-14	Pickup Truck	Insignificant Activities List (A)(24)
IA-15	Fuel Truck	Insignificant Activities List (A)(24)
IA-16	Boom Truck	Insignificant Activities List (A)(24)
IA-17	Water Truck	Insignificant Activities List (A)(24)
IA-18 IA-19	2 Off Road Trucks	Insignificant Activities List (A)(24)
IA-20	Revert Scrap Cutting	Insignificant Emissions

## **ATTACHMENT C**

**Applicable and Non-Applicable Federal and State Regulations  
Tube City IMS (Darlington Site)  
TV-0820-0047  
Page 1 of 3**

The following contains the Federal and South Carolina air pollution regulations, which were specified in the Part 70, permit application and determined as applicable and non-applicable by the Department as of the date of this permit issuance. This attachment may be revised by the Department in the event of a change in the nature or emission of pollutants at the source or promulgation of new or revised regulations.

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## ATTACHMENT C

### Applicable and Non-Applicable Federal and State Regulations Tube City IMS (Darlington Site) TV-0820-0047 Page 2 of 3

PERMIT SHIELD				
1.Citation	2. Regulation	3. Applicable (Y/N)	4. Standard Reason Indicator	5. Comments (Use when choosing Indicator "J")
62.1 Section I	Definitions	Y		
62.1 Section II	Permit Requirements	Y		
62.1 Section III	Emission Inventory	Y		
62.1 Section IV	Source Tests	N	A	
62.2	Prohibition of Open Burning	Y		
62.3	Air Pollution Episodes	Y		
62.4	Hazardous Air Pollutant Conditions	Y		
62.5 Standard 1	Fuel Burning Operations	N	B	
62.5 Standard 2	AAQS	N	J	Monitoring not required by Agency
62.5 Standard 3	Waste Combustion and Reduction	N	B	
62.5 Standard 4	Emissions from Process Industries	Y		
62.5 Standard 5	VOCs	N	A	
62.5 Standard 5.1	LAER	N	F	
62.5 Standard 6	Alt. Emission Limitation Options	N	J	Limit not requested by permittee
62.5 Standard 7	PSD	N	F	
62.5 Standard 8	Toxic Air Pollutants	N	F	
62.6 Section I	Control of Fugitive Particulate Matter in Non-attainment Areas	N	H	
62.6 Section II	Control of Fugitive Particulate Matter in Problem Areas	N	H	
62.6 Section III	Control of Fugitive Particulate Matter Statewide	Y		
62.7	GEP Stack Height	N	B	
62.68	NESHAPs	N	A	
62.68	Chemical Accident Prevention	N	B	
62.70	Title V Operating Permit Program	Y		
62.72	Acid Rain Program	N	A	
40CFR60	All NSPS	N	A	
40CFR61	All NESHAPS	N	A	
40CFR63	All NESHAPS	N	A	
40CFR64	CAM	N	A	

**ATTACHMENT C**

**Applicable and Non-Applicable Federal and State Regulations  
Tube City IMS (Darlington Site)  
TV-0820-0047  
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<b>STANDARD REASONS</b>	
<b>Indicator</b>	<b>Standard Reason</b>
A	The facility is not in the applicable source category
B	The specified source/process is not present at the facility
C	The facility/unit was constructed or last modified prior to the effective date of the rule
D	Applies to all facilities
E	Rule/Standard proposed, but not final/effective
F	The facility/unit emits pollutants at a level less than established by the rule
G	The facility/unit design capacity or production capacity is less than established by the rule.
H	The facility is not in a special control/non-attainment area.
I	Applicable to facility; requirements are listed in permit application and facility has certified compliance.
J	Other (explain)

Draft

**ATTACHMENT D**

**Reserved  
Tube City IMS (Darlington Site)  
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**Draft**

**ATTACHMENT E**

**Reserved  
Tube City IMS (Darlington Site)  
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**Draft**

**VIA CERTIFIED MAIL**

DRAFT

Tube City IMS (Darlington Plant)  
1155 Business Center Drive  
Horsham, PA 29532

**ATTENTION:** Maurice Silvestris

Dear Mr. Silvestris:

Enclosed with this letter is your Part 70 Air Quality (Title V Operating) Permit No. TV-0820-0047 that will become effective on DATE. Please note the conditions and limitations imposed. This permit will be valid through DATE EXPIRES, unless otherwise provided for by SC Regulation 61-62.70.7(c)(1)(ii). Pursuant to the South Carolina Administrative Procedures Act, this permit decision may be appealed in accordance with applicable state law. Please see the enclosed Notice of Appeal Procedure, effective July 01, 2006, for guidelines on appeal submittals.

Please be advised that the effective date of this permit begins the facility's reporting period under the terms and conditions of this permit. Abbreviated periodic reports and abbreviated Title V Annual Compliance Certifications shall be completed and submitted in accordance with the previous permit's conditions and shall cover the interim period between the previous permit reporting period and the new permit reporting period.

Please examine this new permit carefully for errors or omissions and notify the appropriate staff member, Kirk Schneider, (803-898-4023) or e-mail at Schneikg@dhec.sc.gov promptly if any are discovered.

Sincerely,

Elizabeth J. Basil, Director  
Engineering Services Division  
Bureau of Air Quality

EJB:KGS:[TYPIST'S INITIALS]

Enclosure

cc: Buck Graham, Region 4, Florence EQC Office  
James Purvis, EPA Region IV (via e-mail)  
TV-0820-0047

## Notice of Appeal Procedure

The following procedures are in effect beginning July 1, 2006, pursuant to 2006 Act No. 387:

1. This decision of the S.C. Department of Health and Environmental Control (Department) becomes the final agency decision 15 days after notice of the decision has been mailed to the applicant or respondent, unless a written request for final review is filed with the Department by the applicant, permittee, licensee, or affected person.
2. An applicant, permittee, licensee, or affected person who wishes to appeal this decision must file a written request for final review with the Clerk of the Board at the following address or by facsimile at 803-898-3393.

Clerk of the Board  
SCDHEC  
2600 Bull Street  
Columbia, SC 29201

3. The request for final review should include the following:
  - a. the grounds on which the Department's decision is challenged and the specific changes sought in the decision
  - b. a statement of any significant issues or factors the Board should consider in deciding how to handle the matter
  - c. a copy of the Department's decision or action under review
4. In order to be timely, a request for final review must be received by the Clerk of the Board within 15 days after notice of the decision has been mailed to the applicant or respondent. If the 15th day occurs on a weekend or State holiday, the request is due to be received by the Clerk of the Board on the next working day. The request for final review must be received by the Clerk of the Board by 5:00 p.m. on the date it is due.
5. If a timely request for final review is filed with the Clerk of the Board, the Clerk will provide additional information regarding procedures.
6. The Board of Health and Environmental Control has 60 days from the date of receipt of a request for final review to conduct a final review conference. The conference may be conducted by the Board, its designee, or a committee of three members of the Board appointed by the chair.
7. If a final review conference is not conducted within 60 days, the Department decision becomes the final agency decision, and a party may request a contested case hearing before the Administrative Law Court within 30 days after the deadline for the final review conference.

**The above information is provided as a courtesy; parties are responsible for complying with all applicable legal requirements.**