



South Carolina Department of Health
and Environmental Control

Conditional Major Air Quality Permit

**American Quality Finishing Corporation
1704 Poplar Drive Extension
Greer, SC 29651**

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 the Conditional Major Permit request received on May 1, 2009.

This permit is subject to and conditioned upon the terms, limitations, standards, and schedules contained in or specified on the 15 pages, with the accompanying attachments, of this permit.

Permit Number: CM-1200-0227
Issue Date: [DRAFT]

Effective Date: [DRAFT]
Expiration Date: [DRAFT]

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

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PART 1.0 GENERAL INFORMATION

A. APPLICABLE PERMIT DATES

ISSUE DATE: <ISSUED DATE>
EFFECTIVE DATE: <EFFECTIVE DATE>
EXPIRATION DATE: <EXPIRATION DATE>

B. FACILITY INFORMATION

ENVIRONMENTAL CONTACT: Lane Shuler
CONTACT TELEPHONE NUMBER: (864) 277-5000, ext. 1235
CONTACT FAX NUMBER: (864) 848-9975
INTERNET E-MAIL ADDRESS: lashuler@bellsouth.net
FACILITY LOCATION: 1704 Poplar Drive Extension - Greer
COUNTY: Greenville
SIC CODE(S): 2511
NAICS CODE(S): 337122
AFS CODE: 4504500227

C. FACILITY MAILING ADDRESS

FACILITY NAME: American Quality Finishing Corporation
ADDRESS: 1704 Poplar Drive Extension
CITY, STATE, ZIP: Greer, SC 29651

D. FACILITY BILLING ADDRESS

FACILITY BILLING NAME: American Quality Finishing Corporation
ADDRESS: 1704 Poplar Drive Extension
CITY, STATE, ZIP: Greer, SC 29651

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PART 2.0 APPLICABILITY

A. GENERAL APPLICABILITY

Condition Number	Condition
2.A.1	This permit applies to any major stationary source, which requests and fulfills the conditions of SC Regulation 61-62.1, Section II(G) to obtain and adhere to federally enforceable permit conditions to limit the source's potential to emit less than applicable major source thresholds.

B. CRITERIA

Condition Number	Condition
2.B.1	All limitations and requirements listed as enforceable permit conditions shall be permanent, quantifiable, or otherwise enforceable in a practical manner.
2.B.2	All permit conditions that constrain the operation of a source in an effort to limit potential to emit shall be federally enforceable. Unless otherwise agreed by the SC Department of Health and Environmental Control (Department) and US Environmental Protection Agency (US EPA), the Department shall provide to US EPA on a timely basis a copy of all draft and final permits intended to be federally enforceable.
2.B.3	This facility may be required to obtain a Part 70 operating permit in accordance with SC Regulation 61-62.70 if at any time an applicable major source threshold is exceeded.

PART 3.0 GENERAL CONDITIONS

The following conditions are applicable unless superseded by specific permit condition(s):

Condition Number	Condition
3.1	The permittee must comply with all applicable statutes and regulations of the United States and the State of South Carolina and this permit does not relieve the permittee from compliance with applicable local laws, ordinances, and regulations.
3.2	This permit has been issued based on information submitted by the permittee in a Conditional Major permit application. Any false information or misrepresentation in the application may be grounds for permit revocation. This permit supersedes any other operating permit issued by the Bureau of Air Quality upon the permit's effective date.

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Condition Number	Condition
3.3	<p>In accordance with SC Regulation 61-62.1, Section II(H), the permittee shall submit an operating permit renewal request to the Department no later than 90 days prior to the operating permit expiration date. The source may be inspected by the Department in order to decide whether to renew the permit. Past records of compliance and future probability of compliance will be considered in making the decision regarding renewal.</p> <p>Submission of a request for renewal meeting the requirements in S.C. Regulation 61-62.1, Section II(H) shall allow the permittee to continue operating pursuant to the most recent conditional major operating permit, until such time as the Department has taken final action on the request for renewal. In addition to the minimum information required by S.C. Regulation 61-62.1, Section II(C), any facility requesting a conditional major operating permit must also provide the following:</p> <ol style="list-style-type: none"> i. Potential emission calculations and proposed Federally enforceable emission limitations for each emission unit at the facility verifying that the total emissions at the facility will be below the major source (or facility) thresholds. ii. All proposed production and/or operational limitations that will constrain the operation of each emission unit that are to be identified as Federally enforceable. iii. All proposed monitoring parameters, recordkeeping and reporting requirements the source will use to determine and verify compliance with the requested Federally enforceable limitations on a continuous basis. The source shall also provide the compliance status of these proposed parameters and requirements at the time of the request submittal.
3.4	<p>This permit expressly incorporates all the provisions of SC Regulation 61-62.1, Section II(J).</p>
3.5	<p>In accordance with SC Regulation 61-62.1, Section II(J) for all sources not required to have continuous emissions monitors, in the event of 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. 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). The report shall contain as a minimum, the following: the identity of the emission unit and associated equipment where excess emissions occurred, the magnitude of excess emissions, the time and duration of excess emissions, the steps taken to remedy the malfunction and to prevent a recurrence, documentation that control 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. Such a report shall in no way serve to excuse, otherwise justify, or in any manner affect any potential liability or enforcement action resulting from the occurrence.</p>
3.6	<p>This permit only covers emission units and control equipment while physically present at the indicated facility. Unless the permit specifically provides for the equipment relocation, this permit is void for an item of equipment on the day it is removed from the permitted facility, notwithstanding the expiration date specified on the permit.</p>
3.7	<p>In accordance with SC Regulation 61-62.1, Section II(M) within thirty (30) days of the transfer of ownership/operation of a facility, the current permit holder and prospective new owner/operator shall submit to the Department a written request for transfer of the source operating or construction permits. The written request for transfer of the source operating or construction permit shall include any changes pertaining to the company name and mailing address; the facility name and mailing address (if different from that of the company); the name, mailing address, and telephone number of the owner or agent for the company; and any proposed changes to the permitted activities of the source. Transfer of the operating or construction permits will be effective upon written approval by the Department.</p>

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Condition Number	Condition
3.8	<p>Any permittee who plans to construct, alter, or add to a source of air contaminants, including the installation of any device for the control of air contaminant discharges shall submit a complete construction permit application package as described in SC Regulation 61-62.1, Section II(C)</p> <p>A construction permit application package for a federally-enforceable construction permit will be required if any of the emissions changes described above will affect a pollutant limited under SC Regulation 61-62.1, Section II(G). The Department may grant permission to proceed with minor alterations or additions without issuance of a permit when the Department determines that the alteration or addition will not increase the quantity and will not alter the character of the source's emissions.</p>
3.9	<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"> 1. Enter the facility where emissions-related activity is conducted, or where records must be kept under the conditions of the permit. 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. 3. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit. 4. As authorized by the Act and/or the 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.
3.10	This permit may be reopened by the Department for cause or to include any new standard or regulation which becomes applicable to a source during the life of the permit.
3.11	The permittee shall pay fees in accordance with SC Regulation 61-30, SC Environmental Protection Fees.
3.12	In the event of an emergency situation, as defined by SC Regulation 61-62.1, Section II(L), an affirmative defense to any action brought for noncompliance with an emission limitation shall be demonstrated by the facility if all of the conditions of SC Regulation 61-62.1, Section II(L) are met.

PART 4.0 FACILITY WIDE REQUIREMENTS

Condition Number	Condition
4.1	Air dispersion modeling (or other method) has demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal ambient air standard. Any changes in the parameters used in 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.
4.2	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 Conditional Major 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 4.1. This is a State Only enforceable requirement.
4.3	The permittee shall comply with SC Regulation 61-62.4 "Hazardous Air Pollution Conditions".

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Condition Number	Condition
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 61-62.6 "Control of Fugitive Particulate Matter", Section III "Control of Fugitive Particulate Matter Statewide".
4.6	This facility is a potential major source for volatile organic compounds (VOC) as defined by SC Regulation 61-62.70.3(a)(1). The facility has agreed to Federally enforceable operating limitations to limits its potential to emit to less than 100 tons VOC emissions per year. Bureau approval must be obtained before the facility may increase VOC emissions over the existing permitted limits. Increases in allowable VOC emissions may be subject to the requirements of SC Regulation 61-62.5, Standard No. 5.1, "Best Available Control Technology (BACT)/Lowest Achievable Emission Rate ("LAER") Applicable To Volatile Organic Compounds." Under this regulation, the facility would be required to determine actual plant emissions and a VOC baseline number (if appropriate).
4.7	This facility is a potential major source for hazardous air pollutants (HAP). The facility has agreed to Federally enforceable operating limitations to limits it's potential to emit to less than 10 tons single HAP emissions per year and less than 25 tons combined HAP emissions per year. Bureau approval must be obtained before the facility may increase HAP emissions over the existing permitted limits.
4.8	<p>The owner/operator shall maintain records of all volatile organic compounds (VOC) and hazardous air pollutants (HAP). These records shall include the total amount of each material used, the VOC content in percent by weight of each material, the HAP content in percent by weight of each material, and any other records necessary to determine facility wide VOC and HAP emissions. VOC and HAP emissions shall be calculated on a monthly basis, and a twelve-month rolling sum shall be calculated for total VOC and HAP emissions. The twelve-month rolling sum shall be less than 100 tons for VOC and less than 10 tons for single HAP and less than 25 tons for total HAP. Reports of the calculated values and the twelve-month rolling sum shall be submitted semiannually.</p> <p>An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall be included in the initial report. Subsequent submittals of the algorithm and example calculations are unnecessary, unless the method of calculation is found to be unacceptable by the Bureau or if the facility changes the method of calculating emissions and/or changes emission factors.</p>

PART 5.0 EMISSION UNIT REQUIREMENTS

A. EMISSION UNIT DESCRIPTION

<i>TABLE 5.1</i> EMISSION UNITS		
Unit ID	Unit Description	Control Device
01	Booth 1	Waterfall
02	Booth 2, Booth 3, Booth 4, Booth 5 & Booth 6	Dry Filters
03	Automated Sanding and Buffing operations	Baghouse
04	Curtain coater	N/A

N/A = Not Applicable

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TABLE 5.2 CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date	Pollutant(s) Controlled
Waterfall	Fan located on top of waterfall pulls paint overspray toward sheet of falling water.	1992	PM
Dry filters	95% efficiency; SPRA/GARD High-Efficiency Filters manufactured by Research Products, Madison, WI.	1992/2001	PM
Baghouse	99% efficient, Dustex, Model #P6-12-64, manufactured by Dustex Corporation in Charlotte, NC; are attached to each station of the sanding and buffing operation.	1994	PM

N/A = Not Applicable

B. GENERIC CONDITIONS

GENERIC CONDITIONS			
Condition Number	Unit ID	Equipment ID	Condition
GC1	01,02 03,04	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.
GC2	01,02 03,04	All Sources	Unless elsewhere specified within this permit, all reports required under this permit including all recorded parameters and calculated values shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality, at the address listed below, postmarked no later than thirty (30) calendar days after the end of the reporting period. SC DHEC - BAQ Technical Management Section 2600 Bull Street Columbia, SC 29201
GC3	01 03	Waterfall Baghouse	All gauges shall be readily accessible and easily read by operating personnel and Department personnel (i.e. on ground level or easily accessible roof level). Monitoring parameter readings (i.e., pressure drop readings, etc.) and inspection checks shall be maintained in logs (written or electronic), along with any corrective action taken when deviations occur. Each incidence of operation outside the operational ranges, including date and time, cause, and corrective action taken, shall be recorded and kept on site. Exceedance of operational range shall not be considered a violation of an emission limit of this permit, unless the exceedance is also accompanied by other information demonstrating that a violation of an emission limit has taken place. Reports of these incidences shall be submitted semiannually. If no incidences occurred during the reporting period then a letter shall indicate such. Any alternative method for monitoring control device performance must be pre-approved by the Bureau and shall be incorporated into the permit as set forth in SC Regulation 61-62.1 Section II. Operational ranges for the monitored parameters have been established to provide a reasonable assurance of compliance. These operational ranges for the monitored parameters were derived from stack test data, vendor certification, and/or operational history and visual inspections, which demonstrate the proper operation of the equipment in compliance. The facility shall maintain previously established operational ranges for these monitored parameters. The operating ranges may be updated using this procedure, following submittal to the Bureau.

C. EMISSION UNIT – LIMITATIONS, MONITORING AND REPORTING

Table 5.3 - Unit ID 01 - Booth 1

Equipment ID	Description	Installation Date/ Modification Date	Control Device ID	Stack ID
Booth 1	<u>Booth 1 (Paint)</u> This booth has the capacity to process 270 lbs of wood and 2.05 gallons of coatings each hour.	1992	Waterfall	Stack 1

Table 5.4 - Control Device(s) For Unit ID 01 - Booth 1

Control Device ID	Description	Installation Date/ Modification Date	Pollutant(s) Controlled
Waterfall	Fan located on top of waterfall pulls paint overspray toward sheet of falling water.	1992	PM/PM ₁₀

Conditions For Unit ID 01 - Booth 1

Condition Number	Equip ID	Regulated Pollutant/ Standard	Conditions						
01.1	Booth1	Opacity	<p>Limits/Standards: 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) shall not exhibit an opacity greater than 20%.</p> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall install, operate, and maintain a water flow gauge that indicates total water flow (e.g., gal/min) to the control device. . Prior to each use of the booth, the operator shall verify that the water flowrate to the waterfall is within operational ranges and confirm that an appropriate water curtain is present; the results of these readings shall be maintained in logs [written or electronic (i.e., computerized data system)], along with any corrective action taken when deviations occur.</p>						
01.2	Booth 1	PM	<p>Limits/Standards: 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 ($E = 4.10P^{0.67}$) and for process weight rates greater than 30 tons per hour ($E = 55.0P^{0.11} - 40$) 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" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Process</th> <th>Emission Limit (lbs/hr)</th> <th>Process Weight Rate (tons/hr)</th> </tr> </thead> <tbody> <tr> <td>Booth 1 (Paint)</td> <td>1.095</td> <td>0.1394</td> </tr> </tbody> </table>	Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)	Booth 1 (Paint)	1.095	0.1394
Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)							
Booth 1 (Paint)	1.095	0.1394							

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Conditions For Unit ID 01 - Booth 1			
Condition Number	Equip ID	Regulated Pollutant/ Standard	Conditions
01.2 (cont.)	Booth 1	PM	<p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall install, operate, and maintain a water flow gauge that indicates total water flow (e.g., gal/min) to the control device. . Prior to each use of the booth, the operator shall verify that the water flowrate to the waterfall is within operational ranges and confirm that an appropriate water curtain is present; the results of these readings shall be maintained in logs [written or electronic (i.e., computerized data system)], along with any corrective action taken when deviations occur.</p>

Table 5.5 - Unit ID 02 - Booth 2, Booth 3, Booth 4, Booth 5 & Booth 6				
Equipment ID	Description	Installation Date/ Modification Date	Control Device ID	Stack ID
Booth 2	<u>Booth 2 (Paint)</u> This booth has the capacity to process 270 lbs of wood and 7 gallons of coatings each hour.	1992	Dry Filters	Stack 8
Booth 3	<u>Booth 3 (Stain)</u> . This booth has the capacity to process 270 lbs of wood and 2 gallons of stain each hour.	1992	Dry Filters	Stack 3
Booth 4	<u>Booth 4 (Inspection)</u> . This booth is used to blow dust off the wood prior to inspection. This booth has the capacity to process 270 lbs of wood each hour.	1992	Dry Filters	Stack 2
Booth 5	<u>Booth 5 (Inspection)</u> . This booth is used to blow dust off the wood prior to inspection. This booth has the capacity to process 270 lbs of wood each hour.	2001	Dry Filters	Stack 9
Booth 6	<u>Booth 6 (Paint)</u> . This booth has the capacity to process 270 lbs of wood and 4 gallons of paint each hour.	2001	Dry Filters	Stack 10

Table 5.6 - Control Device(s) For Unit ID 02 - Booth 2, Booth 3, Booth 4, Booth 5 & Booth 6			
Control Device ID	Description	Installation Date/ Modification Date	Pollutant(s) Controlled
Dry filters	95% efficiency; SPRA/GARD High-Efficiency Filters manufactured by Research Products, Madison, WI.	1992/2001	PM/PM ₁₀

Conditions For Unit ID 02 - Booth 2, Booth 3, Booth 4, Booth 5 & Booth 6			
Condition Number	Equip ID	Regulated Pollutant/ Standard	Conditions
02.1	Booth 2 Booth 3 Booth 4 Booth 5 Booth 6	Opacity	<p>Limits/Standards: 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) shall not exhibit an opacity greater than 20%.</p> <p>Testing: Not Required.</p>

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Conditions For Unit ID 02 - Booth 2, Booth 3, Booth 4, Booth 5 & Booth 6																					
Condition Number	Equip ID	Regulated Pollutant/Standard	Conditions																		
02.1 (cont.)	Booth 2 Booth 3 Booth 4 Booth 5 Booth 6	Opacity	Monitoring/Record Keeping/Reporting/Other: Dry filter(s) shall be operational and in place at all times when equipment or processes controlled by filter(s) are operating, except during periods of malfunction or mechanical failure. A schedule shall be implemented for the daily inspection and regular cleaning or replacement of the dry filter(s). Records of these events shall be entered in a permanent media and maintained on site.																		
02.2	Booth 2 Booth 3 Booth 4 Booth 5 Booth 6	PM	<p>Limits/Standards: 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 ($E = 4.10P^{0.67}$) and for process weight rates greater than 30 tons per hour ($E = 55.0P^{0.11} - 40$) 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"> <thead> <tr> <th>Process</th> <th>Emission Limit (lbs/hr)</th> <th>Process Weight Rate (tons/hr)</th> </tr> </thead> <tbody> <tr> <td>Booth 2 (Paint)</td> <td>1,133</td> <td>0.1466</td> </tr> <tr> <td>Booth 3 (Stain)</td> <td>1,091</td> <td>0.1386</td> </tr> <tr> <td>Booth 4 (Inspection)</td> <td>1,072</td> <td>0.1350</td> </tr> <tr> <td>Booth 5 (Inspection)</td> <td>1,072</td> <td>0.1350</td> </tr> <tr> <td>Booth 6 (Paint)</td> <td>1,088</td> <td>0.1381</td> </tr> </tbody> </table> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: Dry filter(s) shall be operational and in place at all times when equipment or processes controlled by filter(s) are operating, except during periods of malfunction or mechanical failure. A schedule shall be implemented for the daily inspection and regular cleaning or replacement of the dry filter(s). Records of these events shall be entered in a permanent media and maintained on site.</p>	Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)	Booth 2 (Paint)	1,133	0.1466	Booth 3 (Stain)	1,091	0.1386	Booth 4 (Inspection)	1,072	0.1350	Booth 5 (Inspection)	1,072	0.1350	Booth 6 (Paint)	1,088	0.1381
Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)																			
Booth 2 (Paint)	1,133	0.1466																			
Booth 3 (Stain)	1,091	0.1386																			
Booth 4 (Inspection)	1,072	0.1350																			
Booth 5 (Inspection)	1,072	0.1350																			
Booth 6 (Paint)	1,088	0.1381																			

Table 5.7 - Unit ID 03 – Automated Sanding and Buffing operations

Equipment ID	Description	Installation Date/Modification Date	Control Device ID	Stack ID
ASB	Automated sanding and buffing operations. There are three (3) buffing machines and four (4) automatic sanders.	1994	Baghouse	Stack 6

Table 5.8 - Control Device(s) For Unit ID 03 – Automated Sanding and Buffing operations

Control Device ID	Description	Installation Date/Modification Date	Pollutant(s) Controlled
Baghouse	99% efficient, Dustex, Model #P6-12-64, manufactured by Dustex Corporation in Charlotte, NC; are attached to each station of the sanding and buffing operation.	1994	PM/PM ₁₀

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Conditions For Unit ID 03 – Automated Sanding and Buffing operations									
Condition Number	Equip ID	Regulated Pollutant/ Standard	Conditions						
03.1	ASB	Opacity	<p>Limits/Standards: 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) shall not exhibit an opacity greater than 20%.</p> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall continue to operate and maintain pressure drop gauges on each module of the baghouse. Pressure drop readings shall be recorded daily during source operation. The baghouse shall be in place and operational whenever processes controlled by the baghouse are running, except during periods of baghouse malfunction or mechanical failure.</p>						
03.2	ASB	PM	<p>Limits/Standards: 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 ($E = 4.10P^{0.67}$) and for process weight rates greater than 30 tons per hour ($E = 55.0P^{0.11} - 40$) 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" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Process</th> <th>Emission Limit (lbs/hr)</th> <th>Process Weight Rate (tons/hr)</th> </tr> </thead> <tbody> <tr> <td>Automated Sanding and Buffing Operations</td> <td>1.072</td> <td>0.1350</td> </tr> </tbody> </table> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall continue to operate and maintain pressure drop gauges on each module of the baghouse. Pressure drop readings shall be recorded daily during source operation. The baghouse shall be in place and operational whenever processes controlled by the baghouse are running, except during periods of baghouse malfunction or mechanical failure.</p>	Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)	Automated Sanding and Buffing Operations	1.072	0.1350
Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)							
Automated Sanding and Buffing Operations	1.072	0.1350							

Table 5.9 - Unit ID 04 – Curtain Coater.				
Equipment ID	Description	Installation Date/ Modification Date	Control Device ID	Stack ID
CC	Curtain Coater: Manufactured by Sorbini and model number TM/95. It consists of two re-circulating reservoirs and linear curtain of two materials which rotates to coat the product.	1996	N/A	Stack 7

N/A = Not Applicable

Table 5.10 - Control Device(s) For Unit ID 04 – Curtain Coater.			
Control Device ID	Description	Installation Date/ Modification Date	Pollutant(s) Controlled
N/A	N/A	N/A	N/A

N/A = Not Applicable

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Conditions For Unit ID 04 – Curtain Coater.									
Condition Number	Equip ID	Regulated Pollutant/Standard	Conditions						
04.1	CC	Opacity	<p>Limits/Standards: 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) shall not exhibit an opacity greater than 20%.</p> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: A schedule shall be implemented for weekly operation and maintenance checks for the curtain coater for proper operation. Records of these events shall be entered in a permanent media and maintained on site.</p>						
04.2	CC	PM	<p>Limits/Standards: 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 ($E = 4.10P^{0.67}$) and for process weight rates greater than 30 tons per hour ($E = 55.0P^{0.11} - 40$) 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="631 947 1425 1045"> <thead> <tr> <th>Process</th> <th>Emission Limit (lbs/hr)</th> <th>Process Weight Rate (tons/hr)</th> </tr> </thead> <tbody> <tr> <td>Curtain Coater</td> <td>1,135</td> <td>0.1471</td> </tr> </tbody> </table> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: A schedule shall be implemented for weekly operation and maintenance checks for the curtain coater for proper operation. Records of these events shall be entered in a permanent media and maintained on site.</p>	Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)	Curtain Coater	1,135	0.1471
Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)							
Curtain Coater	1,135	0.1471							
04.3	CC	Dimethyl Phthalate (HAP)	<p>Limits/Standards: The owner/operator shall limit the use of Polycatalyst Peroxide (PCC-901) to 0.850 gallons/day. The PCC-901 shall contain Dimethyl Phthalate (HAP) at a concentration no greater than 48%.</p> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator must record the amount of Polycatalyst Peroxide (PCC-901) and Dimethyl Phthalate concentration daily. Reports of the usage shall be submitted semiannually.</p>						

PART 6.0 REPORTING REQUIREMENTS

TABLE 6.1 PERIODIC REPORTING SCHEDULE		
Compliance Monitoring Report Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
Quarterly	January-March April-June July-September October-December	April 30 th July 30 th October 30 th January 30 th
Semiannual	January-June April-September July-December October-March	July 30 th October 30 th January 30 th April 30 th
Annual	January-December April-March July-June October-September	January 30 th April 30 th July 30 th October 30 th
<p>Note: This reporting schedule does not supercede any Federal reporting requirements including but not limited to 40 CFR 60, 61, and 63. All Federal reports must meet the reporting time frames specified in the Federal standard unless the Department or EPA approves a change.</p>		

PART 7.0 ADDITIONAL CONDITIONS

A. SPECIFIC CONDITIONS

Condition Number	Conditions
7.A.1	<p>Emergency power generators have been determined to be exempt from construction permitting requirements in accordance with South Carolina Regulation 61-62.1 Section II.B.2.f and as such would be listed as exempt sources in this permit. These sources shall still comply with the requirements of all applicable regulations including but not limited to:</p> <ul style="list-style-type: none"> New Source Performance Standards (NSPS) 40 CFR 60 Subparts A (General Provisions); IIII (Stationary Compression Ignition Internal Combustion Engines); and JJJJ (Stationary Spark Ignition Internal Combustion Engines)

B. EXEMPT SOURCES

Equip ID	Source Description (Date Listed)	Exemption Basis
A	Hand Sanding station. Uncontrolled PM < 1 lb/hr. (April 22, 2004).	SC Regulation 61-62.1, Section II, Part B (2) (h)

N/A = Not Applicable

ATTACHMENT A

Modeled Emission Rates American Finishing Corporation CM-1200-0227 PAGE 1 OF 2

AMBIENT AIR QUALITY STANDARDS - STANDARD 2						
Source	Stack	Modeled Emission Rates (lbs/hr)				
		TSP	PM ₁₀	SO ₂	NO _x	CO
Booth 1	1	0.3	0.3	-	-	-
Booth 4	2	0.05	0.05	-	-	-
Booth 3	3	0.0016	0.0016	-	-	-
Sanding Booth	5	0.088	0.028	-	-	-
Baghouse (for Automated Sanding and Buffing)	6	0.316	0.232	-	-	-
Fan 1 (Curtain Coater)	7	-	-	-	-	-
Booth 2	8	0.908	0.908	-	-	-
Booth 5	9	0.05	0.05	-	-	-
Booth 6	10	0.053	0.053	-	-	-
Facility total		1.767	1.623	-	-	-

TOXIC AIR POLLUTANTS MODELED - STANDARD 8					
Source	Stack	Modeled Emission Rates (lbs/hr)			
		Dimethyl Phthalate CAS# 13113	MEK CAS# 78933	MIBK CAS# 108101	Styrene CAS# 100425
Booth 1	1	-	0.826	1.692	-
Booth 4	2	-	-	-	-
Booth 3	3	-	-	-	-
Sanding Booth	5	-	-	-	-
Baghouse (for Automated Sanding and Buffing)	6	-	-	-	-
Fan 1 (Curtain Coater)	7	0.162	0.0684	-	6.11
Booth 2	8	-	6.911	1.059	19.607
Booth 5	9	-	-	-	-
Booth 6	10	-	1.678	0.783	-
Facility total		0.162	9.4834	3.534	25.724

ATTACHMENT A

Modeled Emission Rates American Finishing Corporation CM-1200-0227 PAGE 2 OF 2

TOXIC AIR POLLUTANTS MODELED - STANDARD 8					
Source	Stack	Modeled Emission Rates (lbs/hr)			
		Toluene CAS# 108883	Xylene CAS# 1330207	Toluene Diisocanate CAS# 26471625	Ethylene Benzene CAS# 100414
Booth 1	1	0.299	0.5509	0.0017	0.109
Booth 4	2	-	-	-	-
Booth 3	3	-	-	-	-
Sanding Booth	5	-	-	-	-
Baghouse (for Automated Sanding and Buffing)	6	-	-	-	-
Fan 1 (Curtain Coater)	7	2.878	-	-	-
Booth 2	8	3.715	0.0010	-	-
Booth 5	9	-	-	-	-
Booth 6	10	0.489	0.3659	0.0017	0.109
Facility total		7.381	0.9178	0.0034	0.218

TOXIC AIR POLLUTANTS MODELED - STANDARD 8				
Source	Stack	Modeled Emission Rates (lbs/hr)		
		Hexamethylene- 1,6-Dissocyanate CAS# 822060	Cobalt Compounds CAS# N/A	Glycol Ethers CAS# N/A
Booth 1	1	0.0061	-	0.779
Booth 4	2	-	-	-
Booth 3	3	-	-	-
Sanding Booth	5	-	-	-
Baghouse (for Automated Sanding and Buffing)	6	-	-	-
Fan 1 (Curtain Coater)	7	-	-	-
Booth 2	8	-	0.000460	-
Booth 5	9	-	-	-
Booth 6	10	-	-	0.779
Facility total		0.0061	0.000460	1.558

CURRENT DATE

American Quality Finishing Corporation
1704 Poplar Drive Extension
Greer, SC 29651

ATTENTION: David McCloud, Plant Manager

Dear McCloud:

Enclosed with this letter is Permit No. CM-1200-0227 that takes effect on [DATE]. This conditional major operating permit will limit the facility's potential to emit to below Title V Major Source thresholds, thereby restricting it from Title V Major Source status as defined in SC Regulation 61-62.70, "Title V Operating Permit Program." Please note the conditions and limitations imposed. This permit will be valid through EXPIRATION DATE. 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 examine this new permit carefully for errors or omissions and notify the appropriate staff member, David D. Abusah, (803-898-4170) or e-mail at abusahdd@dhec.sc.gov promptly if any are discovered.

Thank you for your cooperation.

Sincerely,

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

EJB: DDA :< TYPIST'S INITIALS>

Enclosures

cc: Bill Williamson, Region #2, Greenville EQC Office
Conditional Major File: 1200-0227

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
SC DHEC
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.