

Facility Name: **Mohawk Industries, Inc. – South Hamilton Street Plant**
City: Dalton
County: Whitfield
AIRS #: 04-13-313-00096

Application #: TV-43674
Date Application Received: January 30, 2017
Permit No: 2273-313-0096-V-04-0

Program	Review Engineers	Review Managers
SSPP	Steve Neadow	Manny Patel
ISMU		
SSCP	Brian Koehler	Tammy Martiny
Toxics	N/A	N/A
Permitting Program Manager		Eric Cornwell

Introduction

This narrative is being provided to assist the reader in understanding the content of referenced operating permit. Complex issues and unusual items are explained here in simpler terms and/or greater detail than is sometimes possible in the actual permit. The permit is being issued pursuant to: (1) Georgia Air Quality Act, O.C.G.A § 12-9-1, et seq. and (2) Georgia Rules for Air Quality Control, Chapter 391-3-1, and (3) Title V of the Clean Air Act. Section 391-3-1-.03(10) of the Georgia Rules for Air Quality Control incorporates requirements of Part 70 of Title 40 of the Code of Federal Regulations promulgated pursuant to the Federal Clean Air Act. The narrative is intended as an adjunct for the reviewer and to provide information only. It has no legal standing. Any revisions made to the permit in response to comments received during the public participation and EPA review process will be described in an addendum to this narrative.

I. Facility Description

The Facility Description may be presented in outline or narrative form. It must contain the information contained in each of the following subsections, preferably in a similar order.

A. Facility Identification

1. Facility Name: - Mohawk Industries, Inc. – South Hamilton Street Plant
2. Parent/Holding Company Name: Mohawk Industries, Inc.
3. Previous and/or Other Name(s): World Carpets, Inc.
4. Facility Location

2100 South Hamilton Street
Dalton, Georgia, 30722
Whitfield County
5. Attainment or Non-attainment Area Location

The facility is located in an attainment area for all pollutants.

B. Site Determination

There are no other facilities which could possibly be contiguous or adjacent and under common control.

C. Existing Permits

Table 1 below lists all current Title V permits, all amendments, 502(b)(10) changes, and off-permit changes, issued to the facility, based on a comparative review of form A.6, Current Permits, of the Title V application and the "Permit" file(s) on the facility found in the Air Branch office.

Table 1: List of Current Permits, Amendments, and Off-Permit Changes

Permit Number and/or Off-Permit Change	Date of Issuance/ Effectiveness	Purpose of Issuance
2273-313-0096-V-03-0	December 13, 2012	Title V Renewal
2273-313-0096-V-03-1	August 21, 2014	The addition of propane as a backup fuel for boilers BL03, BL05 and BL08 and the addition of 40 CFR 60 Subpart Dc as applicable to boiler BL08
2273-313-0096-V-03-2	November 25, 2015	The facility will install and operate a 73.64 MMBtu/ hr boiler, Emission Unit BL09. The boiler will burn natural gas with propane as a backup fuel.
*Off-Permit	January 30, 2017	Correction of Boiler BL09 to 90.9 MMBtu/hr

*The correction of the heat capacity for Boiler BL09 to 90.9 MMBtu/hr. The previous application for the construction of the boiler had noted that the boiler was 73.64 MMBtu/hr; however, this was the boiler output. The boiler input is listed as 90.9 MMBtu/hr. There are no other changes for the applicable rules or requirements for the boiler due to this correction. Boiler BL09 will continue to be subject to Georgia Rule (d), Georgia Rule (g) and 40 CFR 60 Subpart Dc. The correction of the heat capacity for Boiler BL09 to 90.9 MMBtu/hr is exempted from permitting in accordance with Georgia Rule 391-3-1-.03(6)(i)5. for changes in a process or process equipment which do not involve installing, constructing or reconstruction.

D. Process Description

1. SIC Codes(s): 2273

The SIC Code(s) identified above were assigned by EPD's Air Protection Branch for purposes pursuant to the Georgia Air Quality Act and related administrative purposes only and are not intended to be used for any other purpose. Assignment of SIC Codes by EPD's Air Protection Branch for these purposes does not prohibit the facility from using these or different SIC Codes for other regulatory and non-regulatory purposes.

Should the reference(s) to SIC Code(s) in any narratives or narrative addendum previously issued for the Title V permit for this facility conflict with the revised language herein, the language herein shall control; provided, however, language in previously issued narratives that does not expressly reference SIC Code(s) shall not be affected.

2. Description of Product(s)

The facility manufactures tufted carpet.

3. Overall Facility Process Description

This facility manufactures residential carpet. The site has several tufting machines, two continuous dye lines, a latex coating line, four natural gas/propane boilers, two of which are permitted for #2 and #6 fuel oil, , five space dye lines and 12 superba lines. Nylon and/or polyester yarn is brought in and either sent straight to the tufting machines or sent thru the space dye process. Yarn that goes to the space dye process has the dye put on before it is tufted. After the dye is applied, it goes thru a heatset process in one of the superba machines. From there it gets tufted onto primary backing. The carpet then goes thru one of the continuous dye lines then to the coater for the application of a secondary backing that is applied with a thin layer of a latex adhesive. Steam is provided to all of these processes by the four permitted boilers.

4. Overall Process Flow Diagram

The facility provided a process flow diagram in their Title V permit application.

E. Regulatory Status

1. PSD/NSR

This facility is a major source under PSD because it has potential to emit one of the PSD regulated pollutants (SO₂) over 250 tpy.

2. Title V Major Source Status by Pollutant

Table 3: Title V Major Source Status

Pollutant	Is the Pollutant Emitted?	If emitted, what is the facility's Title V status for the pollutant?		
		Major Source Status	Major Source Requesting SM Status	Non-Major Source Status
PM	y			x
PM ₁₀	y			x
SO ₂	y	x		
VOC	y			x
NO _x	y	x		
CO	y			x
TRS	y			x
H ₂ S	y			x
Individual HAP	y		x	
Total HAPs	y		x	
Total GHGs	y	x		

3. MACT Standards

This facility is potentially a major source of HAP emissions under NESHAP, but has taken emission limits of 10 tpy for individual HAP and 25 tpy for all HAPs combined. These emission limits allow the facility to remain a minor source under NESHAP regulations, and thus avoid being subject to 40 CFR Part 63 Subpart OOOO - "National Emission Standards for Hazardous Air Pollutant: Printing, Coating, and Dyeing of Fabrics and Other Textiles" and 40 CFR part 63, Subpart DDDDD - "National Emission Standards for Hazardous Air Pollutant for Industrial, Commercial, and Institutional Boilers and Process Heaters."

As a minor source of HAP emissions, due to the limit, the facility is subject to 40 CFR 63, Subpart JJJJJ, "National Emission Standards for Hazardous Air Pollutants for Area Sources: Industrial Commercial, and Institutional Boilers," for the operation of the boilers.

4. Program Applicability (AIRS Program Codes)

Program Code	Applicable (y/n)
Program Code 6 - PSD	N
Program Code 8 – Part 61 NESHAP	N
Program Code 9 - NSPS	N
Program Code M – Part 63 NESHAP	Y
Program Code V – Title V	Y

Regulatory Analysis**II. Facility Wide Requirements**

A. Emission and Operating Caps:

This facility has taken emission limits of 10 tpy for individual HAP and 25 tpy for all HAPs combined. These emission limits allow the facility to remain a minor source under NESHAP regulations, and thus avoid being subject to 40 CFR Part 63 Subpart OOOO - “National Emission Standards for Hazardous Air Pollutant: Printing, Coating, and Dyeing of Fabrics and Other Textiles” and 40 CFR part 63, Subpart DDDDD – “National Emission Standards for Hazardous Air Pollutant for Industrial, Commercial, and Institutional Boilers and Process Heaters.”

B. Applicable Rules and Regulations

There are no rules or regulations that applicable to this facility as a whole.

C. Compliance Status

The facility did not indicate any non-compliance issues.

D. Operational Flexibility

Not Applicable.

E. Permit Conditions

Renewal Condition	Requirements
2.2.1	Condition 2.1.1 limits HAP emissions facility wide to less than major source thresholds.

III. Regulated Equipment Requirements

A. Equipment List for the Process

Mohawk Industries' South Hamilton Street facility is a carpet manufacturing site. The site has several tufting machines, two continuous dye lines, 13 becks (currently not operating), a latex coating line, and four natural gas boilers and all of which have #6 fuel oil back-up and one has #2 fuel oil back-up. The boilers provide steam for the dyeing and coating processes. Nylon, polyester or polypropylene yarn is tufted onto a primary backing of woven polypropylene. The carpet is then put onto one of the two continuous dye lines where it is steamed, dyed using varying chemicals and either powdered or liquid dyes, rinsed and dried in a dryer that used natural gas burners. The carpet is then sent to the coater and latex is applied to the back of the primary backing and a secondary backing is added. The carpet is sheered to ensure an even cut, inspected then rolled up for shipment.

B. Equipment & Rule Applicability

Emission Units		Specific Limitations/Requirements		Air Pollution Control Devices	
ID No.	Description	Applicable Requirements/Standards	Corresponding Permit Conditions	ID No.	Description
BL03#	Boiler #3 69.2 MMBTU/hr Installed 1996	391-3-1-.02(2)(d)2(ii) 391-3-1-.02(2)(d)3 391-3-1-.02(2)(g)2 40 CFR 63 Subpart JJJJJ	2.1.1, 3.2.1, 3.2.2, 3.2.5, 3.2.7, 3.3.1, 3.4.1, 3.4.2, 4.2.1, 5.2.1, 6.2.3, 6.2.4, 6.2.5, 6.2.6, 6.2.7, 6.2.8, 6.2.12	None	None
BL05	Boiler #5 75.0 MMBTU/hr Installed 1973	391-3-1-.02(2)(d)2(ii) 391-3-1-.02(2)(d)3 391-3-1-.02(2)(g)2 40 CFR 63 Subpart JJJJJ	2.1.1, 3.2.1, 3.2.2, 3.2.5, 3.2.7, 3.3.1, 3.4.1, 3.4.2, 4.2.1, 5.2.1, 6.2.3, 6.2.4, 6.2.5, 6.2.6, 6.2.7, 6.2.8, 6.2.12	None	None
BL06	Boiler #6 (Coal only) 47.0 MMBTU/hr Installed 1983	391-3-1-.02(2)(d)2(ii) 391-3-1-.02(2)(d)3 391-3-1-.02(2)(g)2 40 CFR 63 Subpart JJJJJ	2.1.1, 3.2.3, 3.2.4, 3.2.7, 3.2.8, 3.3.1, 3.4.1, 3.4.2, 4.2.1, 5.2.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 6.2.2, 6.2.4, 6.2.5, 6.2.6, 6.2.12, 6.2.13, 6.2.14	BH01	Baghouse #1
BL07	Boiler #7 (Coal only)	391-3-1-.02(2)(d)2(ii) 391-3-1-.02(2)(d)3 391-3-1-.02(2)(g)2 40 CFR 63 Subpart JJJJJ	2.1.1, 3.2.3, 3.2.4, 3.2.7, 3.2.8, 3.3.1, 3.4.1, 3.4.2, 5.2.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 6.2.2, 6.2.4, 6.2.5, 6.2.6, 6.2.12, 6.2.13, 6.2.14	BH02	Baghouse #2
BL08	Boiler #8 33.5 MMBTU/hr Installed 2014	391-3-1-.02(2)(d)2(ii) 391-3-1-.02(2)(d)3 391-3-1-.02(2)(g)2 40 CFR 60 Subpart Dc 40 CFR 63 Subpart JJJJJ	2.1.1, 3.2.5, 3.2.6, 3.3.1, 3.3.2, 3.4.1, 3.4.2, 4.2.1, 5.2.1, 5.2.2, 5.2.3, 6.1.7, 6.2.3, 6.2.5, 6.2.11, 6.2.12	None	None
BL09	Boiler #9 90.9 MMBTU/hr Installed 2016	391-3-1-.02(2)(d)2(ii) 391-3-1-.02(2)(d)3 391-3-1-.02(2)(g)2 40 CFR 60 Subpart Dc	2.1.1, 3.2.3, 3.2.5, 3.2.9, 3.3.2, 3.4.1, 3.4.2, 4.2.1, 5.2.2, 5.2.4, 6.1.7, 6.2.3, 6.2.14, 6.2.15	None	None
DR01	Beck dryer	391-3-1-.02(2)(b)1 391-3-1-.02(2)(e)1(ii) 391-3-1-.02(2)(g)2	2.1.1, 3.2.2, 3.4.4, 3.4.5, 6.2.12, 6.2.13, 6.2.14	None	None
CD01	Kuster dye range	391-3-1-.02(2)(b)1 391-3-1-.02(2)(e)1(ii) 391-3-1-.02(2)(g)2	2.1.1, 3.4.3, 3.4.4	None	None
CD02	Kuster dye range	391-3-1-.02(2)(b)1 391-3-1-.02(2)(e)1(ii) 391-3-1-.02(2)(g)2	2.1.1, 3.4.3, 3.4.4	None	None
LC01	Latex coater	391-3-1-.02(2)(b)1 391-3-1-.02(2)(e)1(ii) 391-3-1-.02(2)(g)2	2.1.1, 3.4.3, 3.4.4	None	None

Emission Units		Specific Limitations/Requirements		Air Pollution Control Devices	
ID No.	Description	Applicable Requirements/Standards	Corresponding Permit Conditions	ID No.	Description
WH1	15 MMBtu/hr Water Heater	391-3-1-.02(2)(d) 391-3-1-.02(2)(g)	3.4.1, 3.4.2	None	None
WH2	12 MMBtu/hr Water Heater	391-3-1-.02(2)(d) 391-3-1-.02(2)(g)	3.4.1, 3.4.2	None	None

*Emission Unit BL07 was removed in 2016.

*Emission Unit DR01 was removed in 2013.

*Emission Unit BL06 removed 2017.

*All references for BL06, BL07 and DR01 in the permit have been removed.

C. Permit Conditions

Emission and Operating Caps

Boilers BL03 and BL05 are limited to burning natural gas, no. 2 fuel oil, no. 6 fuel oil, or yellow grease (spent cooking oil) as stated in Condition 3.2.5. These boilers have a SO₂ emission limit of less than 300 tpy, as stated in Condition 3.2.1 and a NO_x emission limit of less than 93 tpy, as stated in Condition 3.2.2. These limits are PSD/NSR avoidance limits. Condition 3.2.7 also limits the sulfur content of the fuel to be less than 2.1% by weight.

The carpet coating operations at this facility are limited by the VOC content in the coatings. This is to avoid applicability of 40 CFR 63, Subpart VVV.

Boiler BL09 was installed in 2015 in Amendment 2273-313-0096-V-03-2. Boiler BL09 must not discharge or cause the discharge into the atmosphere NO_x emissions in an amount equal or exceeding 40 tons during any consecutive 12-month period to avoid the provisions of PSD/NSR review.

Applicable Rules and Regulations

Georgia Rule 391-3-1-.03(2)(b), "Visible Emissions"

Visible emissions from the Beck dryer (RD01), the Kuster dye ranges (CD01 and CD02), and the Latex Coater (LC01) are limited to less than 40% opacity. Opacity from boilers is regulated under Georgia Rule (d).

Georgia Rule 391-3-1-.03(2)(d), "Fuel-Burning Equipment"

This rule limits the particulate emissions and opacity from the boilers at this facility. All the boilers and the hot water heaters are subject to section ii of this Rule, for equipment constructed after January 1, 1972 that is greater than 10 MMBtu/hr and less than 2,000 MMBtu/hr.

Georgia Rule 391-3-1-.03(2)(e), "Particulate Emissions from Manufacturing Processes"

Particulate emissions from the Beck dryer (RD01), the Kuster dye ranges (CD01 and CD02), and the Latex Coater (LC01) are limited by the equation, $E = 4.1P^{0.67}$, as the process input rate for these processes is less than 30 tons per hour. The equipment is considered new since it was constructed after July 2, 1968. Particulate emissions from boilers are regulated under Georgia Rule (d).

Georgia Rule 391-3-1-.03(2)(g), “Sulfur Dioxide”

The Rule states that all fuel burning sources below 100 MMBtu/hr of heat input shall not burn fuel containing more than 2.5% sulfur by weight. Several conditions limit the fuel type for the boilers at the facility, or limit the total SO₂ emissions. All of these conditions require the fuel to have less than 2.5% sulfur by weight.

40 CFR 60 Subpart Dc, “Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units”

According to 60.40c, this subpart applies to each steam generating unit for which construction, modification, or reconstruction is commenced after June 9, 1989 and that has a maximum design heat input capacity of 100 MMBtu/h or less, but greater than or equal to 10 MMBtu/h. All the boilers at this facility were constructed before 1989, and are therefore not subject to this regulation. BL08 was constructed in 2014 and BL09 was constructed in 2016 thus making them subject to 40 CFR 60 Subpart Dc. BL03 was manufactured in 1981 but, installed in 1996 hence, not subject to Subpart Dc.

40 CFR 63 Subpart JJJJJ, “National Emission Standards for Hazardous Air Pollutants for Area Sources: Industrial Commercial, and Institutional Boilers”

There is a facility-wide HAP limit so that the facility is a minor source for HAP emissions and not subject to any MACT standards. However, as a minor source of HAP emissions, the facility is subject to Area Source GACT standards. The boilers at this facility are subject to this regulation.

F. Permit Conditions

Renewal Condition	Existing Condition	Requirements
---	3.2.1	Combined into Condition No. 3.2.5.
---	3.2.2	Combined into Condition No. 3.2.5.
---	3.2.3	BL06 & BL07 removed from facility. See below.
---	3.2.4	BL06 & BL07 removed from facility. See below.
3.2.1	3.2.5	Mohawk must not discharge or cause the discharge into the atmosphere from BL03 and BL05, combined SO ₂ emissions in an amount equal or exceeding 300 tons during any twelve consecutive months to avoid PSD/NSR.
3.2.2	3.2.6	Mohawk must not discharge or cause the discharge into the atmosphere from BL03 and BL05, combined NO _x emissions in an amount equal to or exceeding 93 tons during any twelve consecutive months to avoid PSD/NSR.
3.2.3	3.2.13	Mohawk must not discharge or cause the discharge into the atmosphere from BL09 NO _x emissions in an amount equal or exceeding 40 tons during any consecutive 12-month period to avoid PSD/NSR.
3.2.4	3.2.10	Each coating used for coating carpet at this facility must contain more than five (5) weight percent water in its volatile fraction and the VOC content of the coating is equal to or less than nine (9) percent by weight of the volatile fraction to avoidance of 40 CFR 60 Subpart VVV]
---	3.2.7	BL06 & BL07 removed from facility. See below.
---	3.2.8	BL06 & BL07 removed from facility. See below.

Renewal Condition	Existing Condition	Requirements
3.2.5	3.2.1 3.2.2 3.2.11 3.2.12	Specific fuel requirements pertaining to the combustion of fuels per emission units. a. BL03; natural gas, propane, No. 2 fuel oil, yellow grease (spent cooking oil) or No. 6 fuel oil. b. BL05; natural gas, propane, No. 2 fuel oil, yellow grease (spent cooking oil) or No. 6 fuel oil. c. BL08; natural gas, propane or No. 2 fuel oil. d. BL09; natural gas or propane. e. CD01, CD02, LC01; natural gas or propane.
3.2.6	---	Condition requires Mohawk must not burn any fuel other than natural gas, propane, or distillate fuel oil which shall not contain more than 0.5 percent sulfur, by weight, in BL08.
---	3.2.11	Combined into Condition No. 3.2.5.
---	3.2.12	Combined into Condition No. 3.2.5.
3.2.7	3.2.9	Mohawk must not burn any fuel in BL03 and BL05 with sulfur content greater than 2.1%, by weight.
3.3.1	3.3.1	Subject to the provisions of 40 CFR 63, Subpart JJJJJ, "National Emission Standards for Hazardous Air Pollutants for Area Sources: Industrial Commercial, and Institutional Boilers"
3.3.2	3.3.2	Subject to the provisions of 40 CFR 60 Subpart Dc - "Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units," for operation of Boiler BL08 & BL09.
---	3.3.3	Combined with Condition 3.3.2.
3.4.1	---	Mohawk must not discharge, or cause the discharge, into the atmosphere, from BL03, BL05, BL08, BL09, WH1, and WH2, particulate emissions with respect to the heat input of generators GA Rule (d).
3.4.2	---	Mohawk must not discharge, or cause the discharge, into the atmosphere, from BL03, BL05, BL08, BL09, WH1, and WH2, any gases which exhibit visible emissions, the opacity of which is equal to or greater than twenty (20) percent, except for one six minute period per hour of not more than twenty-seven (27) percent opacity.
3.4.3	---	Mohawk must not discharge, or cause the discharge, into the atmosphere, from CD01, CD02, and LC01, any gases that exhibit visible emissions, the opacity of which is equal to or greater than forty (40) percent opacity as required by GA Rule (b).
3.4.4	---	Mohawk must not discharge, or cause the discharge, into the atmosphere, from CD01, CD02, and LC01, particulate emissions in excess of the rate derived from GA Rule (e).
---	3.4.5	Combined with 3.4.1
---	3.4.6	Combined with 3.4.2

*Emission Unit BL07 was removed in 2016.

*Emission Unit DR01 was removed in 2013.

*Emission Unit BL06 removed 2017.

*All references for BL06, BL07 and DR01 in the permit have been removed.

IV. Testing Requirements (with Associated Record Keeping and Reporting)

A. General Testing Requirements

The permit includes a requirement that the Permittee conduct performance testing on any specified emission unit when directed by the Division. Additionally, a written notification of any performance test(s) is required 30 days (or sixty (60) days for tests required by 40 CFR Part 63) prior to the date of the test(s) and a test plan is required to be submitted with the test notification. Test methods and procedures for determining compliance with applicable emission limitations are listed and test results are required to be submitted to the Division within 60 days of completion of the testing.

B. Specific Testing Requirements

Renewal Condition	Existing Condition	Requirements
4.1.1-4.1.4		Standard permit conditions.
	4.2.1	Opacity test required on Boiler BL08. Completed.
4.2.1		The facility must conduct boiler tune-ups on a biennial basis on Boilers BL03, BL05 and BL08 according to 40 CFR 63.11223(b) and must be completed no more than 25 months after the previous performance test.

V. Monitoring Requirements

A. General Monitoring Requirements

Condition 5.1.1 requires that all continuous monitoring systems required by the Division be operated continuously except during monitoring system breakdowns and repairs. Monitoring system response during quality assurance activities is required to be measured and recorded. Maintenance or repair is required to be conducted in an expeditious manner.

B. Specific Monitoring Requirements

Renewal Condition	Existing Condition	Notes
5.1.1		Requires that all continuous monitoring systems required by the Division be operated continuously except during monitoring system breakdowns and repairs. Monitoring system response during quality assurance activities is required to be measured and recorded. Maintenance or repair is required to be conducted in an expeditious manner.
5.2.1		MODIFIED: Mohawk must, for each day or portion of a day that BL03 and/or BL05 are fired with fuel oil or yellow grease, for each day or portion of day that BL08 is fired with fuel oil, conduct a check of visible emissions from the boiler(s).
---	5.2.2	Removed. See below.
---	5.2.3	Removed. See below.
---	5.2.4	Removed. See below.
---	5.2.5	Removed. See below.
5.2.2	5.2.6	Mohawk must install, calibrate, maintain and operate natural gas, propane and distillate fuel oil consumption meters on boilers BL08 as subject to Subpart Dc.
5.2.3	5.2.7	Mohawk must operate boiler BL08 according to a written site-specific monitoring plan approved by the Division.

Renewal Condition	Existing Condition	Notes
5.2.4	5.2.8	Mohawk must install, calibrate, maintain and operate natural gas, and propane consumption meters on boiler BL09 as subject to Subpart Dc.

*Emission Unit BL07 was removed in 2016.

*Emission Unit DR01 was removed in 2013.

*Emission Unit BL06 removed 2017.

*All references for BL06, BL07 and DR01 in the permit have been removed.

C. Compliance Assurance Monitoring (CAM)

Not applicable. CAM will no longer apply to this facility. The facility no longer uses coal as a fuel source and has removed both baghouses BH01 and BH02.

VI. Record Keeping and Reporting Requirements

A. General Record Keeping and Reporting Requirements

The Permit contains general requirements for the maintenance of all records for a period of five years following the date of entry and requires the prompt reporting of all information related to deviations from the applicable requirements. Records, including identification of any excess emissions, exceedances, or excursions from the applicable monitoring triggers, the cause of such occurrence, and the corrective action taken, are required to be kept by the Permittee and reporting is required on a semiannual basis.

B. Specific Record Keeping and Reporting Requirements

Renewal Condition	Previous Condition	Requirements
6.1.1 – 6.1.6	6.1.1 – 6.1.6	Standard record keeping and reporting requirements. Updated and slightly modified.
6.1.7	6.1.7	<p><u>Excess Emissions:</u> None.</p> <p><u>Exceedances:</u> Any consecutive 12-month period of SO₂ emissions from BL03 and/or BL05 that is equal or greater than 300 tons. Any consecutive 12-month period of NO_x emissions from BL03 and/or BL05 that is equal or greater than 93 tons. Each consecutive 12-month period of any individual HAP or all HAPs combined from the entire facility that equals or exceeds 10 tons or 25 tons, respectively. The water content of a polymeric coating used for coating supporting substrates is equal to or less than five (5) weight percent water in the volatile fraction of the coating. The VOC content of a polymeric coating used for coating supporting substrates exceeds nine (9) percent by weight of the volatile fraction of the coating. Any consecutive 12-month period of NO_x emissions from BL09 that is equal to or greater than 40 tons. Any period during which fuel oil with a sulfur content greater than 2.1% (by weight) is burned in BL03 and/or BL05. Any consecutive 12-month period of NO_x emissions from BL09 that is equal to or greater than</p>

Renewal Condition	Previous Condition	Requirements
		<p>40 tons shall notify the Division.</p> <p><u>Excursions:</u> Any required daily determination of visible emissions from BL03, BL05, BL08, BL09, WH1 and WH2 greater than 20% opacity that is not corrected within 24 hours of first discovering the visible emissions. <i>(Modified; adding BL09, WH1 and WH2)</i></p> <p><u>In Addition</u> All consecutive 12-month periods of emissions of each individual HAP and all HAPs combined from the entire facility during the current semiannual reporting period, respectively. All fuel oil certificates required in Condition 6.2.2 and received during the current semiannual reporting period.</p>
6.2.1	6.2.1	Conditions 6.2.1 require oil certifications.
---	6.2.2	Deleted. See below.
6.2.2	6.2.3	Mohawk must submit with the semiannual reports required by Condition 6.1.4, the fuel supplier certifications for each shipment of fuel oil received during the reporting period and a statement signed by a responsible official that the records of fuel supplier certifications submitted represent all of the fuel oil received during the reporting period.
---	6.2.4	Deleted. See below.
6.2.3	6.2.5	Mohawk is required to keep records of the total quantities of natural gas, propane, and fuel oil burned in BL03, BL05, BL08 and BL09. <i>(Modified, removed coal and references to BL06 and BL07)</i>
---	6.2.6	Deleted. See below.
6.2.4	6.2.7	Mohawk is required to calculate the combined SO ₂ emissions (tons) from BL03 and BL05 each calendar month that fuel oil is burned in the boilers using the listed equation.
6.2.5	6.2.8	Mohawk is required to calculate and record a consecutive 12-month total of the SO ₂ emissions from BL03 and BL05 each month using the information contained in Condition 6.2.4.
6.2.6	6.2.9	Mohawk is required to calculate the NO _x emissions from BL03 and BL05 each calendar month using the equation listed.
6.2.7	6.2.10	Mohawk is required to calculate and record a consecutive 12-month total of the NO _x emissions from BL03 and BL05 each calendar month using the information contained in Condition 6.2.6.
6.2.8	6.2.11	Mohawk is required to following the transfer of each shipment of fuel oil shipment to the tank, the Permittee shall calculate respectively the weighted sulfur content of the fuel oil as well as the density of the fuel oil in the storage tank after each fuel oil transfer to the tank using the equations listed.
6.2.9	6.2.12	Mohawk is required to maintain monthly usage records of all the HAP-containing materials utilized at this facility.
6.2.10	6.2.13	Mohawk is required to use the records required in Condition 6.2.12 to determine the total monthly emissions of combined hazardous air pollutants and the total monthly emissions of each listed hazardous air pollutant from the entire facility.
6.2.11	6.2.14	Mohawk is required to use the calculations required by Condition 6.2.13 to determine the 12-month rolling total emissions of each individual HAP for each month and the 12-month rolling total combined HAP emissions for each month from the entire facility.

Renewal Condition	Previous Condition	Requirements
6.2.12	6.2.15	Mohawk is required to shall retain the following records regarding fuel oil fired in BL03 and BL05 such as shipping receipts or analyses used by the Permittee to verify that the fuel oil contains no more than 2.1% sulfur by weight; and quality of the fuel oil delivered.
6.2.13	6.2.16	Mohawk is required to shall retain formulation records of the polymeric coatings used for coating carpet. The records shall indicate the weight percent of water and VOC in the volatile fraction of each coating as applied.
6.2.14	6.2.17	Mohawk is required to calculate the NO _x emissions from BL09 each calendar month using the following equation
6.2.15	6.2.18	Mohawk is required to calculate and record a consecutive 12-month total of the NO _x emissions from BL09 each calendar month using the information contained in Condition 6.2.17.
	6.2.19	Combined with 6.2.3.

*Emission Unit BL07 was removed in 2016.

*Emission Unit DR01 was removed in 2013.

*Emission Unit BL06 removed 2017.

*All references for BL06, BL07 and DR01 in the permit have been removed.

VII. Specific Requirements

A. Operational Flexibility

- Not applicable.

B. Alternative Requirements

- None applicable.

C. Insignificant Activities

Refer to <http://gatv.georgiaair.org/GATV/default.asp> for the Online Title V Application.

Refer to the following forms in the Title V permit application:

- Form D.1 (Insignificant Activities Checklist)
- Form D.2 (Generic Emissions Groups)
- Form D.3 (Generic Fuel Burning Equipment)
- Form D.6 (Insignificant Activities Based on Emission Levels of the Title V permit application)

D. Temporary Sources

- None applicable.

E. Short-Term Activities

- None applicable.

F. Compliance Schedule/Progress Reports

- None applicable.

G. Emissions Trading

- None applicable.

H. Acid Rain Requirements

- None applicable.

I. Stratospheric Ozone Protection Requirements

- None applicable.

J. Pollution Prevention

- None applicable.

K. Specific Conditions

- None applicable.

VIII. General Provisions

Generic provisions have been included in this permit to address the requirements in 40 CFR Part 70 that apply to all Title V sources, and the requirements in Chapter 391-3-1 of the Georgia Rules for Air Quality Control that apply to all stationary sources of air pollution.

Template Condition 8.14.1 was updated in September 2011 to change the default submittal deadline for Annual Compliance Certifications to February 28.

Template Condition Section 8.27 was updated in August 2014 to include more detailed, clear requirements for emergency generator engines currently exempt from SIP permitting and considered insignificant sources in the Title V permit.

Template Condition Section 8.28 was updated in August 2014 to more clearly define the applicability of the Boiler MACT or GACT for major or minor sources of HAP.