

Fact Sheet



For Final Minor Modification Permitting Action Under 45CSR30 and Title V of the Clean Air Act

This Fact Sheet serves to address the changes specific to this Minor Modification, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on February 2, 2017.

Permit Number: **R30-00300042-2017**
Application Received: **January 9, 2017**
Plant Identification Number: **03-54-003-00042**
Permittee: **Quad/Graphics, Inc.**
Facility Name: **Martinsburg Plant**
Mailing Address: **855 Caperton Boulevard; Martinsburg, WV 25401**

Permit Action Number: *MM01* Revised: *April 18, 2017*

Physical Location:	Martinsburg, Berkeley County, West Virginia
UTM Coordinates:	247.0 km Easting • 4,377.0 km Northing • Zone 18
Directions:	I-81 to Exit 16 (Route 9 West) to County Route 1. Turn right into Cumbo Yard Industrial Park.

Facility Description

Quad/Graphics (Quad) is a commercial printing business permitted for 18 rotogravure presses, 21 carbon adsorbers, 6 natural gas/propane fueled boilers, 3 hard chromium electroplating tanks and scrubbers, 15 solvent/ink storage tanks, 12 offset lithographic presses with catalytic oxidizers or regenerative thermal oxidizers, 1 cylinder cleaning unit, finishing/inkjet production, and an ink blend operation involving 11 storage tanks, 7 mixing tanks, and 3 totes. Not all of the permitted equipment has been installed. Quad/Graphics has installed 11 rotogravure presses, 13 carbon adsorbers, 4 natural gas/propane fueled boilers, 2 hard chromium electroplating tanks, 14 solvent/ink storage tanks, 5 offset lithographic presses (4 with thermal oxidizers and 1 with a catalytic oxidizer), 1 cylinder cleaning unit, finishing/inkjet production, and an ink blend operation consisting of 11 storage tanks, 7 mixing tanks, and 3 totes. Quad/Graphics' Standard Industrial Classification (SIC) Codes are 2752, 2754, and 2893 and the corresponding North American Industry Classification System (NAICS) codes are 323111 and 325910.

Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (<i>if any</i>)
R14-0012H	2/14/2017	

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table," which may be downloaded from DAQ's website.

Determinations and Justifications

The following changes were made with this modification:

- The type and parameters of press OP-09 in the Emission Units Table and condition 5.1.1. were updated.
- Condition 5.1.7 was updated to reflect the current language in R14-0012H. References to OP-09 were removed.
- Condition 5.1.11 was removed since the referenced condition in R14-0012 was removed. The maximum VOC/HAP material percentages were obsolete and no longer needed under the actual emissions reporting and compliance demonstration methodology of the permit. It is important to note that these maximum concentrations were not part of the Best Available Control Technology (BACT) selection made under R14-0012B.
- Condition 5.4.1 was slightly revised to reflect current language in R14-0012H.
- The per-press combustion emissions in Appendix B were revised based on new LPG AP-42 emission factors.

Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

40 CFR 63, Subpart KK—National Emission Standards for the Printing and Publishing Industry: The printing and publishing Maximum Achievable Control Technology (MACT) standards, published on May 30, 1996, and amended on May 24, 2006, impose control requirements on publication and product/packaging rotogravure presses and web-wide flexographic presses. It does not apply to heatset web offset lithographic printing presses.

Request for Variances or Alternatives

None.

Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

Comment Period

Beginning Date: N/A

Ending Date: N/A

Point of Contact

All written comments should be addressed to the following individual and office:

Rex Compston, P.E.
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304/926-0499 ext. 1209 • Fax: 304/926-0478
Rex.E.Compston@wv.gov

Procedure for Requesting Public Hearing

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

Response to Comments (Statement of Basis)

Not applicable.