

15A NCAC 2D .1111 "MAXIMUM ACHIEVABLE CONTROL TECHNOLOGY" -

The Permittee shall comply with all applicable provisions, including the notification, testing, and monitoring requirements contained in Environmental Management Commission Standard 15A NCAC 2D .1111, "Maximum Achievable Control Technology" as promulgated in 40 CFR 63, Subpart XXXXXX, "National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories", for the processes of **Dry abrasive blasting** (§63.11516(a)); **Machining** (§63.11516(b)); **Dry grinding and dry polishing** (§63.11516(c)); **Spray painting** (§63.11516(d) and (e)); **Welding** (§63.11516(f)), including Subpart A "General Provisions."

- a. MACT Operational Standards - Machining (§63.11516(b)) - As required by 15A NCAC 2D .1111 and 40 CFR 63, Subpart XXXXXX, the following operations standards are required for machining operations using materials that contain metal fabrication and finishing HAP (MFHAP).

Material containing MFHAP means a material that contains cadmium, chromium, lead, or nickel in amounts greater than or equal to 0.1 percent by weight, or contains manganese in an amount greater than or equal to 1.0 percent by weight.

- i. The Permittee must take measures necessary to minimize excess dust in the surrounding area to reduce MFHAP emissions, as practicable.
- ii. The Permittee must operate all equipment associated with machining according to manufacturer's instructions.

- b. Notifications and Reporting

- i. Initial Notification - The Permittee must submit the Initial Notification no later than July 25, 2011. **(Change "July 25, 2011" to "no later than 120 days after initial startup" if the source is new.)** The Initial Notification must contain the information described in 40 CFR 63.11519(a)(1).
- ii. Notification of Compliance Status – The Permittee must submit a notification of compliance status no later than November 22, 2011. **(Change "November 22, 2011" to "no later than 120 days after initial startup" if the source is new.)** The notification of compliance status must contain the information described in 40 CFR 63.11519(a)(2).
- iii. Annual certification and compliance reports - The Permittee must prepare and submit annual certification and compliance reports for each affected source according to the requirements of 40 CFR 63.11519(b)(2) through (b)(7).

- c. Recordkeeping - The Permittee must keep the following records as specified in 40 CFR 63.11519(c).
 - i. *General compliance and applicability records.*
 - A. Each notification and report submitted to comply with this Rule, and the documentation supporting each notification and report.
 - B. Applicability determinations as in 40 CFR 63.11514(b)(2), “Am I subject to this subpart,” listing equipment included in its affected source, as well as any changes to that and on what date they occurred, must be maintained for 5 years and be made available for inspector review at any time.
 - ii *Manufacturer's instructions.* If you comply with this Rule by operating any equipment according to manufacturer's instruction, you must keep these instructions readily available for inspector review.
 - iiiv. Records must be maintained according to the following requirements:
 - A. Your records must be in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1), “General Provisions.” Where appropriate, the records may be maintained as electronic spreadsheets or as a database.
 - B. As specified in 40 CFR 63.10(b)(1), “General Provisions,” you must keep each record for 5 years following the date of each occurrence, measurement, corrective action, report, or record.
 - C. You must keep each record on-site for at least 2 years after the date of each occurrence, measurement, corrective action, report, or record according to 40 CFR 63.10(b)(1), “General Provisions.” You may keep the records off-site for the remaining 3 years.