

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT -- RENEWAL

PERMITTEE

Ingersoll Machine Tools, Inc.
Attn: Gary Downing
707 Fulton Avenue
Rockford, Illinois 61103

Application No.: 73010609

I.D. No.: 201030ACI

Applicant's Designation:

Date Received: August 29, 2002

Subject: Tool Manufacture

Date Issued: September 9, 2005

Expiration Date: August 22, 2010

Location: 707 Fulton Avenue, Rockford

This permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of one paint booth with filters, and two boilers, pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of volatile organic material (VOM) from the source to less than major source thresholds, as further described in Attachment A. As a result, the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits for this location.
2. All coatings as applied shall not exceed 3.5 lbs VOC/gallon, pursuant to 35 Ill. Adm. Code 215.204(j).
3. Operation of paint booth shall not exceed the following limits:

<u>Material</u>	<u>VOM Usage</u>		<u>Total VOM Emissions</u>	
	<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>	<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>
Miscellaneous Organic Material Including Coatings and Solvents	15.0	88.2	15.0	88.2

These limits define the potential emissions of the paint booth and are based on maximum operation and material balance. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months.

4. The emissions of HAPs as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish in rule which would require the Permittee to obtain a Clean Air Act Permit Program permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a Clean Air Act Permit Program permit from the Illinois EPA.
5. Operation of the two Cleaver Brooks boilers shall not exceed the following limits:

Natural Gas Usage		Pollutant	E M I S S I O N S	
(Therms/Month)	(Therms/Year)		(Tons/Month)	(Tons/Year)
200,000	1,500,000	NO _x	1.0	7.5
		CO	0.84	6.3
		PM	0.08	0.57
		VOM	0.055	0.41

These limits define the potential emissions of the Cleaver Brooks boilers and are based on maximum operation and standard emission factors. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months.

- 6a. Within 30 days of a written request from the Illinois EPA the Permittee shall submit data on the volatile organic material content of representative coatings as applied, determined by laboratory analysis in accordance with the 35 Ill. Adm. Code Section 218.105.
- b. The submitted data shall include the VOM content of the coatings, a justification of why these are representative, and a description of the sampling procedures and documentation for the analysis.
- c. The Illinois EPA may provide additional time for the performance of this testing upon request from the Permittee which shows that it is not feasible to perform representative testing within 30 days.
- 7a. The Permittee shall maintain records of the following items:
 - i. Individual coating usage, solvent cleaner usage, and other miscellaneous organic materials usage (gallons per month and year).
 - ii. VOM and HAP content of each coating, solvent and miscellaneous organic materials used (pounds per gallon).
 - iii. Natural gas usage for the 2 Cleaver Brooks boilers (therms per month and therms per year).
 - iv. VOM and HAP emissions (tons/month and tons/year).

- b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA and USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA request for records during the course of a source inspection.
- 8. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Unit in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
- 9. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
5415 North University
Peoria, Illinois 61614

Please note that the following equipment is exempt from permit requirements, pursuant to 35 Ill. Adm. Code 201.146(aa):

Equipment

Plasma Cutter	Slot Grinding
Welding	Roto Blast
Rotary Grinder	Zero Bead Blast
Pattern Shop	Shot Blast

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If you have any questions on this permit, please call John Blazis at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:JPB:psj

cc: Illinois EPA, FOS Region 2
Illinois EPA, Compliance Section
Lotus Notes

Attachment A - Emissions Summary

This attachment provides a summary of the maximum emissions from the tool manufacturing plant operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. This is the net consumption of 50,000 gallons of miscellaneous materials including coatings, solvents and thinners and the use of 1,500,000 therms of natural gas. The resulting maximum emissions are well below the levels, e.g., (100 tons per year of VOM) at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled, and control measures are more effective than required in this permit.

1. Emissions from the paint booth.

<u>Pollutant</u>	<u>Emissions (Tons/Year)</u>
Total VOM:	88.2
Individual HAP:	< 10
Combined HAPs:	< 25

2. Emissions from the 2 Cleaver Brooks boilers.

<u>Pollutant</u>	<u>Emissions (Tons/Year)</u>
NO _x	7.5
CO	6.3
PM	0.57
VOM	0.41

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