

April 27, 2002

Mr. Tommy C. Hammond
Cyclicron Engineered Cylinders
1000 Bales Lane
Clarksville, Indiana 47129

Re: 019-15837-00057
Notice-only change to
MSOP 019-11712-00057

Dear Mr. Hammond:

Southern Cylinder Manufacturing was issued a permit on October 12, 2001 for a Minor Source Operating Permit for a stationary hard chromium electroplating source. A letter notifying the Office of Air Quality of a transfer of ownership, company mailing address and authorized individual was received on April 10, 2002. Pursuant to the provisions of 326 IAC 2-6.1-6 the permit is hereby revised as follows:

A.1 General Information [326 IAC 2-5.1-3(c)] [326 IAC 2-6.1-4(a)]

The Permittee owns and operates a stationary hard chromium electroplating source.

Authorized Individual:	Phillip T. Jarboe Tommy C. Hammond
Source Address:	1000 Bales Lane, Clarksville, Indiana 47129
Mailing Address:	Southern Graphic Systems, 2823 S. Floyd St., Louisville, Kentucky 40209 1000 Bales Lane, Clarksville, Indiana 47129
Phone Number:	(502)637-5443 (812) 283-4600
SIC Code:	3443
County Location:	Clark
County Status:	Nonattainment for Ozone Attainment area for all other criteria pollutants
Source Status:	Minor Source Operating Permit Minor Source, under PSD and Emission Offset Rules; Minor Source, Section 112 of the Clean Air Act

Southern Graphic Systems transferred ownership of their plant located at 1000 Bales Lane, Clarksville, Indiana to Cyclicron Engineered Cylinders. Southern Graphic Systems was the parent company of Southern Cylinder Manufacturing, which was the operating name of the Clarksville plant. The new operating name will be Cyclicron Engineered Cylinders. Cyclicron also requested the mailing address be changed to reflect the Cyclicron Engineered Cylinders address at 1000 Bales Lane, Clarksville, Indiana. Also the phone number was changed to reflect the new phone number at the Bales Lane address. The reporting forms were changed to reflect the items indicated above in A.1.

Mr. Tommy C. Hammond, Operations Manager has replaced Phillip T. Jarboe as the new authorized individual. Mr. Hammond meets the requirements of 326 IAC 2-1.1-1(1) as an authorized individual.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this letter and the following revised permit pages to the front of the original permit.

Cyclicron Engineered Cylinders
Clarksville, IN 47129

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This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Gary Freeman, at (800) 451-6027, press 0 and ask for Gary Freeman or extension 3-5334, or dial (317) 233-5334.

Sincerely,
Original signed by
Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

PD/gkf

cc: File - Clark County
Clark County Health Department
Air Compliance Section Inspector - Ray Schick
Compliance Data Section - Karen Nowak
Air Programs - Chet Bohannon
Permit Review Section 1 - Gary Freeman

MINOR SOURCE OPERATING PERMIT OFFICE OF AIR QUALITY

**Cylicron Engineered Cylinders
1000 Bales Lane
Clarksville, Indiana 47129**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the emission units described in Section A (Source Summary) of this permit.

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

Operation Permit No.: MSOP 019-11712-00057	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: October 12, 2001 Expiration Date: October 12, 2006
First Notice Only Change: 019-15837-00057 Pages Affected: 4, 31, 32 and 33	
Issued by: Original signed by Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: April 27, 2002

SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in Conditions A.1 and A.2 are descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-5.1-3(c)] [326 IAC 2-6.1-4(a)]

The Permittee owns and operates a stationary hard chromium electroplating source.

Authorized Individual: Tommy C. Hammond
Source Address: 1000 Bales Lane, Clarksville, Indiana 47129
Mailing Address: 1000 Bales Lane, Clarksville, Indiana 47129
Phone Number: (812) 283-4600
SIC Code: 3443
County Location: Clark
County Status: Nonattainment for Ozone
Attainment area for all other criteria pollutants
Source Status: Minor Source Operating Permit
Minor Source, under PSD and Emission Offset Rules;
Minor Source, Section 112 of the Clean Air Act

A.2 Emissions Units and Pollution Control Equipment Summary

This stationary source is approved to operate the following emissions units and pollution control devices:

- (a) One (1) hard chromium electroplating tank, identified as Tank 1, constructed after December 16, 1993, using a hexavalent chromium bath and having a rectifier capacity of 1,500 amps and a maximum cumulative rectifier capacity of 5,880,000 amp-hours, equipped with a composite mesh-pad system as control, and exhausting at stack 001.
- (b) One (1) maintenance cold cleaner, identified as Tank 1, constructed between 1985 and 1987, usage: 2 gallons of mineral spirits per day.
- (c) The following machining and metal working operations, with a total capacity of approximately 7,000 pounds (3.5 tons) per hour:
 - (1) Four (4) steel cutting saws for cutting heavy wall pipe, three (3) with an aqueous cutting coolant continually flooding the interface and one (1) with a coolant misted, capacity: 0.875 tons of steel per hour, each.
 - (2) Two (2) manual roughing lathes, used to collectively backup the one (1) CNC roughing lathe, capacity: 3.5 tons of steel per hour, total.
 - (3) One (1) CNC roughing lathe used for machining pipe sections to the appropriate diameter with a cutting coolant continually flooding the interface, capacity: 3.5 tons of steel per hour.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH**

**MINOR SOURCE OPERATING PERMIT
ANNUAL NOTIFICATION**

This form should be used to comply with the notification requirements under 326 IAC 2-6.1-5(a)(5).

Company Name:	Cylicron Engineered Cylinders
Address:	1000 Bales Lane
City:	Clarksville
Phone #:	((812) 283-4600
MSOP #:	019-11712-00057

I hereby certify that Cylicron Engineered Cylinders is still in operation.
 no longer in operation.

I hereby certify that Cylicron Engineered Cylinders is in compliance with the requirements of MSOP 019-11712-00057.
 not in compliance with the requirements of MSOP 019-11712-00057.

Authorized Individual (typed):
Title:
Signature:
Date:

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

Noncompliance:



**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF AIR MANAGEMENT
 COMPLIANCE BRANCH**

**PART 70 OPERATING PERMIT
 CHROMIUM ELECTROPLATING AND ANODIZING NESHAP
 ONGOING COMPLIANCE STATUS REPORT**

Source Name: Cylicron Engineered Cylinders
 Source Address: 1000 Bales Lane, Clarksville, Indiana 47129
 Mailing Address: 1000 Bales Lane, Clarksville, Indiana 47129
 MSOP No.: MSOP 019-11712-00057

Tank ID #: Tank 1
 Type of process: Hard Chromium Anodizing
 Monitoring Parameter: Average pressure drop across the composite mesh pad system
 Parameter Value: 1.3 +/- 1 inches of water
 Limits: Total chromium concentration shall not exceed 0.015 mg/dscm

This form is to be used to report compliance for the Chromium Electroplating and Anodizing NESHAP only.
 The frequency for completing this report may be altered by IDEM, OAQ, Compliance Branch.

Companies classified as a major source: submit this report no later than 30 days after the end of the reporting period.
Companies classified as an area source: complete this report no later than 30 days after the end of the reporting period,
 and retain on site unless otherwise notified.

This form consists of 2 pages

Page 1 of 2

BEGINNING AND ENDING DATES OF THE REPORTING PERIOD:
TOTAL OPERATING TIME OF THE TANK DURING THE REPORTING PERIOD:

MAJOR AND AREA SOURCES: CHECK ONE	
9	NO DEVIATIONS OF THE MONITORING PARAMETER ASSOCIATED WITH THIS TANK FROM THE COMPLIANT VALUE OR RANGE OF VALUES OCCURRED DURING THIS REPORTING PERIOD.
9	THE MONITORING PARAMETER DEVIATED FROM THE COMPLIANT VALUE OR RANGE OF VALUES DURING THIS REPORTING PERIOD (THUS INDICATING THE EMISSION LIMITATION MAY HAVE BEEN EXCEEDED, WHICH COULD RESULT IN MORE FREQUENT REPORTING).

AREA (I.E., NON-MAJOR) SOURCES OF HAP ONLY:			
IF DEVIATIONS OCCURRED, LIST THE AMOUNT OF TANK OPERATING TIME EACH MONTH THAT MONITORING RECORDS SHOW THE MONITORING PARAMETER DEVIATED FROM THE COMPLIANT VALUE OR RANGE OF VALUES.			
JAN	APR	JUL	OCT
FEB	MAY	AUG	NOV
MAR	JUN	SEP	DEC

HARD CHROME TANKS / MAXIMUM RECTIFIER CAPACITY LIMITED IN ACCORDANCE WITH 40 CFR 63.342(c)(2) ONLY: LIST THE ACTUAL AMPERE-HOURS CONSUMED (BASED ON AN AMP-HR METER) BY THE INDIVIDUAL TANK.
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JAN	APR	JUL	OCT
FEB	MAY	AUG	NOV
MAR	JUN	SEP	DEC

CHROMIUM ELECTROPLATING AND ANODIZING NESHAP ONGOING COMPLIANCE STATUS REPORT

ATTACH A SEPARATE PAGE IF NEEDED

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IF THE OPERATION AND MAINTENANCE PLAN REQUIRED BY 40 CFR 63.342 (f)(3) WAS NOT FOLLOWED, PROVIDE AN EXPLANATION OF THE REASONS FOR NOT FOLLOWING THE PLAN AND DESCRIBE THE ACTIONS TAKEN FOR THAT EVENT:

DESCRIBE ANY CHANGES IN TANKS, RECTIFIERS, CONTROL DEVICES, MONITORING, ETC. SINCE THE LAST STATUS REPORT:

ADDITIONAL COMMENTS:

ALL SOURCES: CHECK ONE

9

I CERTIFY THAT THE WORK PRACTICE STANDARDS IN 40 CFR 63.342(f) WERE FOLLOWED IN ACCORDANCE WITH THE OPERATION AND MAINTENANCE PLAN ON FILE; AND, THAT THE INFORMATION CONTAINED IN THIS REPORT IS ACCURATE AND TRUE TO THE BEST OF MY KNOWLEDGE.

9

THE WORK PRACTICE STANDARDS IN 40 CFR 63.342(f) WERE NOT FOLLOWED IN ACCORDANCE WITH THE OPERATION AND MAINTENANCE PLAN ON FILE, AS EXPLAINED ABOVE AND/OR ON ATTACHED.

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.