

Hitchiner Manufacturing Co., Inc.
Old Wilton Road
P.O. Box 2001
Milford, NH 03055-2001

Final RACT ORDER
ARD-02-001

A. Introduction

This Final RACT Order is issued by the New Hampshire Department of Environmental Services, Air Resources Division, to Hitchiner Manufacturing Co., Inc., pursuant to RSA 125-C.

B. Parties

1. The New Hampshire Department of Environmental Services, Air Resources Division ("DES"), is a duly constituted administrative agency of the State of New Hampshire having its principal offices at 6 Hazen Drive, Concord, NH 03302-0095, telephone number (603) 271-1370.
2. Hitchiner Manufacturing Co., Inc. ("Hitchiner") is a New Hampshire corporation, having a mailing address of P.O. Box 2001, Elm Street, Milford, NH 03055-2001, telephone number (603) 673-1100.

C. Statements of Fact and Law

1. Hitchiner owns and operates an investment casting foundry located on Old Wilton Road in Milford, NH. As part of the investment casting process, Hitchiner has two shell building processes, Plants 1 and 2, where the ceramic molding operation results in emissions of volatile organic compounds (VOCs) into the atmosphere. As of July 1, 2002, Hitchiner will cease its ceramic molding process in Plant 2. The process will be transferred to Hitchiner's VOC-free ACF facility located nearby.
2. Effective August 19, 1995, DES re-adopted PART Env-A 1204 VOLATILE ORGANIC COMPOUNDS (VOCs) regulations with amendments.
3. Hitchiner filed a Reasonably Available Control Technology (RACT) Order application on April 16, 2002 and requests to certify and use emissions reductions credits (ERCs) for the facility.
4. Hitchiner reported to DES that the 1998/1999 baseline average annual non-exempt VOC emissions were 79 tons for the purpose of ERC generation.
5. Hitchiner proposed limiting its annual emissions to less than 50 tons, which will generate 29 ERCs, which it will use (supplemented by credits acquired on the open market if necessary) at a ratio of 0.81:1 ton of actual emissions from Plant 1 as RACT after June 30, 2002.

D. Order

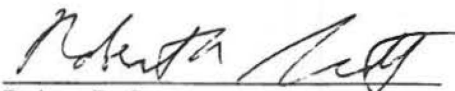
Based on the above findings and determinations, DES hereby orders Hitchiner to meet the following requirements as RACT effective July 1, 2002:

1. Comply with an 81% reduction in actual VOC emissions by using credits in accordance with E., below,
2. Record the monthly usage/emissions of all VOCs (as lbs VOC/month) from the ceramic molding operations and keep these records for a period of at least 5 years,
3. Report this information to DES annually by April 15th for each preceding calendar year,
4. Cease Plant 2 ceramic molding operations, and
5. VOC emissions at Hitchiner shall not exceed 50 tons per year on a 12-month rolling average basis.

E. Emissions Reductions Credits

1. Hitchiner shall be allowed to use discrete emissions reductions (DERs) or emissions reductions credits (ERCs), for the purpose of satisfying the requirements of this Order, by acquiring DERs or ERCs on the open market or by self-generating ERCs in accordance with the attached protocols and the Notice of ERC Generation submitted by Hitchiner on April 16, 2002 as described in rule Env-A 3000 as adopted on January 21, 1997.
2. This Order grants approval to Hitchiner to use those reductions in accordance with the procedures described in the attached protocol and the Request to Use ERCs submitted by Hitchiner on April 16, 2002 as described in rule Env-A 3000 as adopted on January 21, 1997.
3. Hitchiner shall acquire either approved ERCs or DERs prior to use to supplement its own self-generated ERCs to mitigate actual emissions above the requirements in D.1. at any time after June 30, 2002 in accordance with rules Env-A 3000 and Env-A 3100 and the attached protocols.

Please address any correspondence and communication in reference to this Order to Joe Fontaine, NHDES, Air Resources Division, 6 Hazen Dr., P.O. Box 95, Concord, NH 03302-0095 or by calling (603) 271-6794.



Robert R. Scott
Chief Air Programs Manager
Air Resources Division



Certificate of Emissions Reductions Credits Generation

ERC Certificate No:	02VHitchiner01C		
County:	Hillsborough		
Pollutant:	VOCs		
Gross Total Tons/Year Reduced:	29	Tons/Ozone Season:	12
Total Tons/Year Increased Due to Load Shift:	<u>0</u>	Tons/Non-ozone season:	<u>17</u>
Net Total Tons/Year after Load Shift:	29	Total Tons/Year Certified:	29

This certifies, in accordance with Env-A 3004, that the following facility has been granted Emissions Reductions Credits (ERCs) for the following action to the following process:


Facility:	Hitchiner Manufacturing Co., Inc. (Hitchiner), Milford, NH
ERC Generation Activity:	Shutdown
Process:	Plant II
State Permits to Operate:	PO-BP-2542

This certificate is valid as of July 1, 2002, provided that the credited reductions remain real, quantifiable, surplus, enforceable, and permanent for the life of this certificate. This certificate is valid provided that the certificate holder complies with all the legally enforceable conditions specified below:

- Hitchiner shall be subject to the New Hampshire Rules Governing the Control of Air Pollution, including but not limited to Chapter Env-A 3000 and Env-A 1400, and the attached VOC ERCs Certification Statement and protocol.
- No later than June 30, 2002, Hitchiner shall transfer all shell building from Plant II to the VOC-free ACF building, and shell building in Plant II shall be eliminated.
- Hitchiner shall only use these ERCs to comply with RACT regulation Env-A 1204 and the following conditions, and shall not use these ERCs for other purposes prior to obtaining written consent from the department, in accordance with Env-A 3006.11.
 - For VOC RACT compliance purposes, total annual tons emitted shall be offset by the use of credits at a ratio of 0.81 credits per ton emitted rounded up to the next highest whole ton of total annual credits.
 - Hitchiner may use any or all of its 29 self-generated ERCs for RACT compliance or may use either VOC or NOx ERCs or DERs obtained in advance from another facility within New Hampshire.
- Plant I VOC emissions shall be limited to less than 50.0 tons per year on a 12-month rolling average basis.
- These ERCs, generated from shutdown of the above process, shall only be used by Hitchiner in accordance with Env-A 3006.10, and Hitchiner may not sell, transfer, or trade these ERCs.

SEE ATTACHED Letter & Certification Statement dated April 12, 2002

Concord, NH June 21, 2002


Chief Air Programs Manager, Air Resources Division