

Virgil Miller
Newmar Corporation
P.O.Box 30
Nappanee, IN 46550

Re: 039-12485
Second Administrative Amendment to
Part 70 T039-7571-00157

Dear Virgil Miller:

Newmar Corporation was issued a permit on October 18, 1999 for a stationary motor home and travel trailer manufacturing facility. A letter requesting a modification to the source was received on April 28, 2000. The source has been modified by a Significant Source Modification 039-12223-00157. Pursuant to the provisions of 2-7-11 the permit is hereby administratively amended as follows (with changes shown by bold and strikeout method):

Following new emission units are approved for operation at source:

- (a) Four (4) natural gas based Unit Heaters identified as H-1, H-2, H-3 and H-4 each having heat input rate of 0.25 million BTU/hour;
- (b) One (1) diesel engine Test Cell with a capacity of 260 horsepower;
- (c) One (1) metal inert gas welding process with 9 welding stations with 1.05 lbs/hour rate of consumption of wire per station;
- (d) One (1) water based frame paint booth with rate of production as 0.1 unit per hour.

Section A.2 of the permit is modified as follows:

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)]
[326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- a) EU-01 (Hardwoods)
 - One (1) Spray Paint Booth B-1, equipped with six (6) high volume low pressure (HVLP) spray guns for coating of interior wood components with a maximum capacity of four (4) recreational vehicles per hour, with dry filters for the particulate matter overspray control, and exhausting to stack SV1-1 and SV1-2. (1982)
 - One (1) Dip Tank, with a capacity of four (4) units per hour, exhausting to general ventilation. (1982)
- b) EU-02 (Custom Coating)
 - Two (2) high volume low pressure (HVLP) spray applications for coating

recreational vehicles/motor homes in each downdraft paint booth identified as B-2a and B-2b, each with a maximum capacity of one (1) recreational vehicle per hour, dry filters for the particulate matter overspray control, each booth exhausting to two separate stacks identified as SV2-3a, SV2-3b and SV2-4a, SV2-4b respectively. (1998)

- c) EU-03 (Frames), One (1) Spray Paint Booth B-3, equipped with two (2) high volume low pressure (HVLP) spray application for coating metal frames, with a maximum capacity of four (4) frames per hour, using dry filters as particulate matter overspray control, and exhausting to stack SV-3. (1990)
- d) EU-04 (Adhesives), One (1) Spray Paint Booth B-4, equipped with two (2) HVLP spray guns, with a maximum capacity of four (4) units per hour, using dry filters as control, and exhausting to stacks SV4-1 and SV4-2. (1983)
- e) EU-05 (FRP), One (1) FRP Booth (seam work on special orders), equipped with three (3) high volume low pressure (HVLP) spray and hand lay up application for coating fiberglass touch up and repair operation, with a maximum capacity of 0.12 units per hour, using dry filters for particulate matter overspray control, and exhausting to stack SV-5. (1995)
- f) EU-06 (R&D, Service & Warranty)
 - One (1) spray paint booth (® & D), equipped with one (1) air atomized spray gun for fiberglass mold coating, with a production rate of 0.0031 unit per hour, located at Research and Development Center. (1996)
 - Two (2) spray coating booths, identified as BR-1 and BR-2, equipped with HVLP spray guns, using dry filters for overspray control, and exhausting at two (2) stacks, identified as SV6-1 and SV6-2. These booths have not been installed yet. When these are installed, the proper notification will be submitted to IDEM. (1998)
- g) EU-07 (Woodworking)
 - One (1) woodworking shop equipped with woodworking equipment, located in Building 3, using one (1) baghouse as control and exhausting internally, located at North Delaware Street. (1981)
 - One (1) woodworking shop equipped with woodworking equipment, with a wood usage of 61 pounds per hour, attached to a portable dust collector as particulate control, exhausted internally, located at Research and Development Center. (1996)
 - One (1) woodworking and machining shop equipped with woodworking and metalworking equipment, with one table saw attached to a portable dust collector as particulate control, exhausted internally, with a maximum capacity of sixty (60) pounds per hour wood, ten (10) pounds per hour plastic and fiberglass, and twelve (12) pounds per hour steel processing capacity, located at Service and Repair Center. (1998)
- h) **Four (4) natural gas based Unit Heaters identified as H-1, H-2, H-3 and H-4 each having heat input rate of 0.25 million BTU/hour;**
- i) **One (1) diesel engine Test Cell with a capacity of 260 horsepower;**
- j) **One (1) metal inert gas welding process with 9 welding stations with 1.05 lbs/hour rate of consumption of wire per station;**
- k) **One (1) water based frame paint booth with rate of production as 0.1 unit per hour.**

A new section D.9 is added to the permit as follows:

SECTION D.9 FACILITY OPERATION CONDITIONS

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| <p>a. Four (4) natural gas based Unit Heaters identified as H-1, H-2, H-3 and H-4 each having heat input rate of 0.25 million BTU/hour;</p> <p>b. One (1) diesel engine Test Cell with a capacity of 260 horsepower;</p> <p>c. One (1) metal inert gas welding process with 9 welding stations with 1.05 lbs/hour rate of consumption of wire per station;</p> <p>d. One (1) water based frame paint booth with rate of production as 0.1 unit per hour.</p> |
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Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.9.1 Particulate Matter (PM) [326 IAC 6-3]

Pursuant to 326 IAC 6-3 (Process Operations), the particulate matter (PM) from the paint booth emission unit shall not exceed the allowable PM emission from the following equation:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

D.9.2 Particulate Matter (PM) [326 IAC 6-3]

Pursuant to 326 IAC 6-3 (Process Operations), the particulate matter (PM) from the welding emission units shall be limited to 2.47 pounds per hour. This limit was determined by the following:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

D.9.3 Miscellaneous metal Coating Operations (326 IAC 8-2-9)

Any change or modification which would increase the potential to emit VOC from coating metal to fifteen (15) pounds per day or more in this emission unit, shall obtain prior approval from IDEM, OAM and shall be subject to requirements of 326 IAC 8-2-9.

Compliance Determination Requirements

D.9.4 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the particulate matter limits specified in Condition D.9.2 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

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

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 Gurinder Saini, at (800) 451-6027, press 0 and ask for Gurinder Saini or extension 3-0203, or dial (317) 233-0203.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments

GS

cc: File – Elkhart County
U.S. EPA, Region V
Elkhart County Health Department
Northern Regional Office
Air Compliance Section Inspector – Greg Wingstorm
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

PART 70 OPERATING PERMIT OFFICE OF AIR MANAGEMENT

**Newmar Corporation
355 North Delaware Street
Nappanee, Indiana 46550-0030**

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

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 and 326 IAC 2-1-3.2 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T039-7571-00157	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date: October 18, 1999

First Administrative Amendment 039-11533

Issuance Date: December 17, 1999

Second Administrative Amendment 039-12485	Pages affected: 6, 8 Page added: 55a
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

- D.7.5 Visible Emissions Notations
- D.7.6 Parametric Monitoring
- D.7.7 Broken Bag or Failure Detection

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

- D.7.8 Record Keeping Requirements

**D.8 FACILITY OPERATION CONDITIONS - Insignificant Activities -
Welding and Degreasing Operations**

D.9 FACILITY OPERATION CONDITIONS

Emission Limitations and Standards [326 IAC 2-7-5(1)]

- D.9.1 Particulate Matter (PM) [326 IAC 6-3]
- D.9.2 Particulate Matter (PM) [326 IAC 6-3]
- D.9.3 Miscellaneous Metal Coating Operations [326 IAC 8-2-9]

Compliance Determination Requirements

- D.9.4 Testing Requirements [326 IAC 2-7-6(1),(6)]

Certification

Emergency/Deviation Occurrence Report

Quarterly Report (Entire Source)

Semi-Annual Report

Quarterly Compliance Monitoring Report

SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the source contained in conditions A.1 through A.3 is 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 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates a stationary motor home and travel trailer manufacturing facility.

Responsible Official: Mr. Virgil Miller
Source Address: 355 North Delaware Street, Nappanee, Indiana 46550-0030
Mailing Address: P.O. Box 30, Nappanee, Indiana 46550-0030
SIC Code: 3716 and 3792
County Location: Elkhart
County Status: Attainment for all criteria pollutants
Source Status: Part 70 Permit Program
Minor Source under PSD;
Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- a) Welding operations
- b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION D.9 FACILITY OPERATION CONDITIONS

- (a) Four (4) natural gas based Unit Heaters identified as H-1, H-2, H-3 and H-4 each having heat input rate of 0.25 million BTU/hour;
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Compliance Determination Requirements

D.9.4 Testing Requirements [326 IAC 2-7-6(1),(6)]

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