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PERMITTEE:
International Ship Repair
and Marine Services, Inc.
Tad Humpreys
President
1616 Penny Street
Tampa, FL 33605

PERMIT/CERTIFICATION
Permit No.: 0570021-008-AC
County: Hillsborough
Expiration Date: 03/20/2002
Project: Modification of solvent,
interior coatings, and exterior
coating usage limits

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 62-204, 62-210, 62-212, 62-296, 62-297, and 62-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the EPC and made a part hereof and specifically described as follows:

For the modification of the annual permitted solvent, interior coatings, and exterior coating usage limits. The applicant has requested an increase in the annual usage for interior (RACT) coatings (17,754 gal/yr), a decrease in exterior (Non-RACT) coatings (2,571 gal/yr), and an increase in the solvent usage (4,265 gal/yr) with a corresponding increase in VOC and HAP emissions for the facility. VOC and HAP emissions are minor with respect to PSD, but major with respect to Title V permitting program. The applicant has accepted a limit of 3.5 lbs VOC/gallon of coating, as applied, on an annual average basis for exterior (Non-RACT) coatings. The RACT limit of 3.5 lbs VOC/gallon, as applied, will apply for all interior (RACT) coatings in accordance with Rule 62-296.513(2)(a)(2) and (3), F.A.C. Blasting operations (EU No. 1) are unchanged by this permit.

Location: 1616 Penny Street, Tampa, FL 33605

UTM: 17-358.3 E, 3092.75 N

NEDS NO: 0570021

Point IDs: 002 Ship Exterior Coating Operations
003 Ship Interior and Miscellaneous Parts Coating

Modifies Permit No.: 0570021-004-AV

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SPECIFIC CONDITIONS:

1. A part of this permit is the attached General Conditions. [Rule 62-4.160, F.A.C.]
2. All applicable rules of the Environmental Protection Commission of Hillsborough County including design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction. [Rule 62-4.070(7), F.A.C.]
3. Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Chapters 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C., or any other requirements under federal, state, or local law. [Rule 62-210.300, F.A.C.]
4. The use of property, facilities, equipment, processes, products, or compounds, or the commission of paint overspraying or any other act, that causes or materially contributes to a public nuisance is prohibited.
[Hillsborough County Environmental Protection Act, Section 16, Chapter 84-446, Laws of Florida, as Amended.]
5. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), F.A.C., and EPCHC Rule 1-3.22]
6. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department or its delegated agent, the Environmental Protection Commission of Hillsborough County.
[Rule 62-296.320(1)(a), F.A.C.]
 - (1) Maintaining covers, lids, etc., on all containers when they are not being handled, tapped, etc.
 - (2) Where possible and practical, procuring/fabricating a tightly fitting cover for any open trough, basin, etc., of VOC so that it can be covered when not in use.
 - (3) Attending to all spills/waste as soon as practical but no later than one hour after the event.
 - (4) Using only airless spray applicators unless a request for use of another technology is submitted in writing and approved by the Environmental Protection Commissions of Hillsborough County.
 - (5) Using high solids coatings whenever they are available and whenever they meet customer specifications.

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(6) Using tarps or barriers at all times when painting any vessel or part thereof. The tarps or barriers shall surround and extend above the painting area, with complete enclosure when painting the deck or superstructure, to contain all paint overspray.

7. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297. F.A.C.

[Rule 62-296.320(4)(b)1 and 4, F.A.C.]

8. The permittee shall allow no person to cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including, but not limited to, vehicular movement; transportation of materials; construction; alteration, demolition or wrecking or industrial related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include, but are not limited to:

[Rule 62-296.320(4)(c), F.A.C.]

- (1) Using only coal slag for abrasive blasting material unless prior approval is received from the Environmental Protection Commission of Hillsborough County to use another material.
- (2) Using no spent abrasive material.
- (3) Using wet grit blasting techniques if desired. In the event that wet blasting is used, the permittee shall obtain the appropriate water pollution permits in accordance with Rule 62-4.240, F.A.C., prior to commencing wet blasting.
- (4) Using tarps or barriers at all times when blasting any vessel or part thereof. The tarps or barriers shall surround and extend above the blasting surface, with complete enclosure when blasting the deck or superstructure, to contain the dust and limit the opacity to below 20% and to keep the dust from entering the waters of Tampa Bay. When wet blasting, the extent of the enclosure may be less.
- (5) Conducting all blasting from the top of the ship down and blasting with the nozzle directed downward in order to control airborne emissions except when blasting beneath the vessel or on a small part which makes it physically impractical.
- (6) Requiring that all blasting operators be trained on procedures which minimize airborne emissions of blasting materials.

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Records of training (when it was offered and who attended) shall be maintained and be made available for inspectors of the Environmental Protection Commission of Hillsborough County upon request.

- (7) Using only manual sweeping and vacuum systems to clean-up spent blasting materials. The permittee shall clean-up spent blasting materials and other waste prior to submerging the dry dock. No blowers are permitted.
- (8) Equipping all pneumatically loaded grit storage silos with a filtration device on the exhaust opening. The device must retain 90% of 25 micron or larger particulate matter.
- (9) Recycling or disposing of all solid waste in a permitted Class I or II landfill or other facility approved by the Environmental Protection Commission of Hillsborough County. Receipt of disposal shall be maintained on site for a period of two years and made available to inspectors upon request. [Rule 62-701, F.A.C.]

9. When the Environmental Protection Commission of Hillsborough County (EPC) after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable requirement or permit condition is being violated, it may require the owner or operator of the source to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the EPC. For the purpose of confirming compliance with the emission limitations in this permit, the EPC may require the use of EPA Method 9, EPA Method 24, or other approved methods, as deemed necessary.

[Rules 62-297.310(7)(b) and 62-4.070(3), F.A.C.]

10. Submit to the Environmental Protection Commission of Hillsborough County each calendar year on or before March 1, completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility", for the preceding calendar year.

[Rule 62-210.370(2), F.A.C.]

Enforceable Potential to Emit (PTE) Parameters

11. This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year.

[Rules 62-4.160(2) and 62-210.200(228), F.A.C.]

12. Coating usage is limited to 70,000 gallons for coatings applied to ship exteriors, 20,000 gallons for coatings applied to ship interiors and miscellaneous metal parts, and 10,000 gallons of thinners and solvents for any 12 consecutive month period.

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[Applicant's Request, Construction Permit Application Received March 6, 2001 and Rule 62-212.300(1)(d), F.A.C.]

Emission Limitations and Standards

13. For any coating applied to the exterior of a completely assembled marine vessel, the volatile organic compound content of the coatings shall not exceed 3.5 pounds per gallon of coating, excluding water, delivered to the coating applicator on an annual average basis. [Applicant's Request, Construction Permit Application Received March 6, 2001 and Rule 62-4.070(3), F.A.C.]

14. For any coating applied to a metal surface, other than the exterior of a completely assembled marine vessel, the volatile organic compound content of the coatings shall not exceed 3.5 pounds per gallon of coating, excluding water, delivered to the coating applicator. This shall apply to all flat metal plates, miscellaneous metal parts, ship modules, and sections fabricated for the purpose of converting or extending an existing ship. [Rules 62-296.513(2)(a)2. & 3. and 62-296.513(1)(b)10., F.A.C.]

15. The total volatile organic compound usage and emissions from the coating operations covered under this permit shall not exceed 197.5 tons per any 12 consecutive month period. Total VOC emissions from the facility (coating and blasting operations) shall not exceed 204.6 tons per any twelve consecutive month period. Total HAP emissions shall not exceed 162.0 tons per any 12 consecutive month period. [Applicant's Request, Construction Permit Application Received March 6, 2001 and Rules 62-4.070(3) and 62-212.300(1)(d), F.A.C.]

16. All VOC emissions from solvent washings shall be considered in the usage and emission limitations of coatings subject to Specific Conditions 12, 13, 14, and 15, unless the solvent is directed into containers that prevent evaporation into the atmosphere. [Rule 62-296.513(2)(c), F.A.C.]

17. No owner or operator of any existing or new affected source shall cause or allow the application of any coating to a ship with an as-applied VOHAP content exceeding the applicable limit given in Table 1 below, as determined by the procedures described in Specific Condition 24. For the compliance procedures described in Specific Condition 24, VOC shall be used as a surrogate for VOHAP, and the EPA Reference Method 24 shall be used as the definitive measure for determining compliance. [40 CFR 63.783(a)]

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18. Each owner or operator of a new or existing affected source shall ensure that:

- (1) All handling and transfer of VOHAP-containing materials to and from containers, tanks, vats, drums, and piping systems is conducted in a manner that minimizes spills.
- (2) All containers, tanks, vats, drums, and piping systems are free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them.

[40 CFR 63.783(b)]

19. Specific Conditions 17 and 18 do not apply to coatings used in volumes of less than 200 liters (52.8 gallons) per year, provided the total volume of coating exempt under this paragraph does not exceed 1,000 liters per year (264 gallons per year) at any facility. Coatings exempt under this paragraph shall be clearly labeled as "low-usage exempt," and the volume of each such coating applied shall be maintained in the facility's records.

[40 CFR 63.781(b)]

20. Specific Conditions 17 and 18 do not apply to coatings applied with hand-held, nonrefillable, aerosol containers or to unsaturated polyester resin (i.e., fiberglass lay-up) coatings. Coatings applied to suitably prepared fiberglass surfaces for protective or decorative purposes are subject to Specific Conditions 17 and 18.

[40 CFR 63.781(c)]

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TABLE 1: VOLATILE ORGANIC HAP (VOHAP) LIMITS FOR MARINE COATINGS

Coating Category	VOHAP limits ^{a,b,c}		
	grams/liter coating (minus water and exempt compounds)	grams/liter solids ^d	
		t ≥ 4.5°C	t < 4.5°C ^e
General use	340	571	728
Specialty	--	--	--
Air flask	340	571	728
Antenna	530	1,439	--
Antifoulant	400	765	971
Heat resistant	420	841	1,069
High-gloss	420	841	1,069
High-temperature	500	1,237	1,597
Inorganic zinc high-build	340	571	728
Military exterior	340	571	728
Mist	610	2,235	--
Navigational aids	550	1,597	--
Nonskid	340	571	728
Nuclear	420	841	1,069
Organic zinc	360	630	802
Pretreatment wash primer	780	11,095	--
Repair and maint. of thermoplastics	550	1,597	--
Rubber camouflage	340	571	728
Sealant for thermal spray aluminum	610	2,235	--
Special marking	490	1,178	--
Specialty interior	340	571	728
Tack coat	610	2,235	--
Undersea weapons systems	340	571	728
Weld-through precon. Primer	650	2,885	--

^aThe limits are expressed in two sets of equivalent units. Either set of limits may be used for the compliance procedure described in Specific Condition 24(1), but only the limits expressed in units of g/L solids (nonvolatiles) shall be used for the compliance procedures described in Specific Condition 24.(2) and (3).

^bVOC (including exempt compounds listed as HAP) shall be used as a surrogate for VOHAP for those compliance procedures described in Specific Condition 24.

^cTo convert from g/L to lb/gal, multiply by (3.785 L/gal)(1/453.6 lb/g) or 1/120. For compliance purposes, metric units define the standards.

^dVOHAP limits expressed in units of mass of VOHAP per volume of solids were derived from the VOHAP limits expressed in units of mass of VOHAP per volume of coating assuming the coatings contain no water or exempt compounds and that the volumes of all components within a coating are additive.

^eThese limits apply during cold-weather time periods, as defined in Appendix D-1. Cold-weather allowances are not given to coatings in categories that permit less than 40 percent volume solids (nonvolatiles). Such coatings are subject to the same limits regardless of weather conditions.

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VOHAP Compliance Procedures

21. For each batch of coating that is received by an affected source, the owner or operator shall (see Appendix F-1 for a flow diagram of the compliance procedures):

- (1) Determine the coating category and the applicable VOHAP limit as specified in Specific Condition 17.
- (2) Certify the as-supplied VOC content of the batch of coating. The owner or operator may use a certification supplied by the manufacturer for the batch, although the owner or operator retains liability should subsequent testing reveal a violation. If the owner or operator performs the certification testing, only one of the containers in which the batch of coating was received is required to be tested.

[40 CFR 63.785(a)]

22. In lieu of testing each batch of coating, as applied, the owner or operator may determine compliance with the VOHAP limits using any combination of the procedures described in Specific Condition 24. The procedure used for each coating shall be determined and documented prior to application.

[40 CFR 63.785(b)]

23. The results of any compliance demonstration conducted by the affected source or any regulatory agency using Method 24 shall take precedence over the results using the procedures in Specific Condition 24.

[40 CFR 63.785(b)]

24. (1) Coatings to which thinning solvent will not be added. For coatings to which thinning solvent (or any other material) will not be added under any circumstance or to which only water is added, the owner or operator of an affected source shall comply as follows:

- (i) Certify the as-applied VOC content of each batch of coating.
- (ii) Notify the persons responsible for applying the coating that no thinning solvent may be added to the coating by affixing a label to each container of coating in the batch.
- (iii) If the certified as-applied VOC content of each batch of coating used during a calendar month is less than or equal to the applicable VOHAP limit in Specific Condition 17. (either in terms of g/L of coating or g/L of solids), then compliance is demonstrated for that calendar month, unless a violation is revealed using Method 24.

(2) Coatings to which thinning solvent will be added--coating-by-coating compliance. For a coating to which thinning solvent is routinely or sometimes added, the owner or operator shall comply as

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follows:

(i) Prior to the first application of each batch, designate a single thinner for the coating and calculate the maximum allowable thinning ratio (or ratios, if the affected source complies with the cold-weather limits in addition to the other limits specified in Table 1) for each batch as follows:

$$R = \frac{(V_s)(VOHAP \text{ limit}) - m_{VOC}}{D_{th}} \quad \text{Eqn. 1}$$

where:

- R = Maximum allowable thinning ratio for a given batch (L thinner/L coating as supplied);
- V_s = Volume fraction of solids in the batch as supplied (L solids/L coating as supplied);
- VOHAP limit = Maximum allowable as-applied VOHAP content of the coating (g VOHAP/L solids);
- m_{VOC} = VOC content of the batch as supplied [g VOC (including cure volatiles and exempt compounds on the HAP list)/L coating (including water and exempt compounds) as supplied];
- D_{th} = Density of the thinner (g/L).

If V_s is not supplied directly by the coating manufacturer, the owner or operator shall determine V_s as follows:

$$V_s = 1 - \frac{m_{volatiles}}{D_{avg}}$$

Eqn. 2

where:

- m_{volatiles} = Total volatiles in the batch, including VOC, water, and exempt compounds, (g/L coating); and
- D_{avg} = Average density of volatiles in the batch (g/L).

The procedures specified in Specific Condition 29 may be used to determine the values of variables defined in this paragraph. In addition, the owner or operator may choose to construct nomographs, based on Equation 1, similar or identical to the one provided in appendix B as a means of easily estimating the maximum allowable thinning ratio.

(ii) Prior to the first application of each batch, notify painters and other persons, as necessary, of the designated

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thinner and maximum allowable thinning ratio(s) for each batch of the coating by affixing a label to each container of coating.

(iii) By the 15th day of each calendar month, determine the volume of each batch of the coating used, as supplied, during the previous month.

(iv) By the 15th day of each calendar month, determine the total allowable volume of thinner for the coating used during the previous month as follows:

$$V_{th} = \sum_{i=1}^n (R \times V_b)_i + \sum_{i=1}^n (R_{cold} \times V_{b-cold})_i$$

Eqn. 3

where:

V_{th} = Total allowable volume of thinner for the previous month (L thinner);

V_b = Volume of each batch, as supplied and before being thinned, used during non-cold-weather days of the previous month (L coating as supplied);

R_{cold} = Maximum allowable thinning ratio for each batch used during cold-weather days (L thinner/L coating as supplied);

V_{b-cold} = Volume of each batch, as supplied and before being thinned, used during cold-weather days of the previous month (L coating as supplied);

i = Each batch of coating; and

n = Total number of batches of the coating.

(v) By the 15th day of each calendar month, determine the volume of thinner actually used with the coating during the previous month.

(vi) If the volume of thinner actually used with the coating [paragraph (2)(v) of this specific condition] is less than or equal to the total allowable volume of thinner for the coating [paragraph (2)(iv) of this specific condition], then compliance is demonstrated for the coating for the previous month, unless a violation is revealed using Method 24.

(3) Coatings to which the same thinning solvent will be added--group compliance. For coatings to which the same thinning solvent (or other material) is routinely or sometimes added, the owner or operator shall comply as follows:

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(i) Designate a single thinner to be added to each coating during the month and "group" coatings according to their designated thinner.

(ii) Prior to the first application of each batch, calculate the maximum allowable thinning ratio (or ratios, if the affected source complies with the cold-weather limits in addition to the other limits specified in Table 1 for each batch of coating in the group using the equations in paragraph (2) of this specific condition.

(iii) Prior to the first application of each "batch," notify painters and other persons, as necessary, of the designated thinner and maximum allowable thinning ratio(s) for each batch in the group by affixing a label to each container of coating.

(iv) By the 15th day of each calendar month, determine the volume of each batch of the group used, as supplied, during the previous month.

(v) By the 15th day of each calendar month, determine the total allowable volume of thinner for the group for the previous month using Equation 3.

(vi) By the 15th day of each calendar month, determine the volume of thinner actually used with the group during the previous month.

(vii) If the volume of thinner actually used with the group [paragraph (3)(vi) of this section] is less than or equal to the total allowable volume of thinner for the group [paragraph (3)(v) of this specific condition], then compliance is demonstrated for the group for the previous month, unless a violation is revealed using Method 24.

[40 CFR 63.785(c)]

25. A violation revealed through any approved test method shall result in a 1-day violation for enforcement purposes. A violation revealed through the recordkeeping procedures described in Specific Condition 24 shall result in a 30-day violation for enforcement purposes, unless the owner or operator provides sufficient data to demonstrate the specific days during which noncompliant coatings were applied.

[40 CFR 63.785(d)]

Test Methods and Procedures

26. Compliance with the emission limitation of Specific Condition 13 and 14 shall be determined using EPA Method 24 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C., and the recordkeeping as required in Specific Condition 31. Instead of Method 24, a certification by the coating manufacturer of the composition of the coating if it is supported by actual batch formulation records is

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acceptable. The manufacturer's certification must be consistent with EPA's document number 450/3-84-019, "Procedures for Certifying Quantity of Volatile Organic Compounds Emitted by Paint, Ink, and Other Coatings," as corrected on August 5, 1986.

[Rules 62-296.500(2)(b)4. and 62-296.513(4)(a), F.A.C.]

27. For the compliance procedures described in Specific Condition 24, Method 24 of 40 CFR part 60, appendix A, is the definitive method for determining the VOC content of coatings, as supplied or as applied. When a coating or thinner contains exempt compounds that are volatile HAP or VOHAP, the owner or operator shall ensure, when determining the VOC content of a coating, that the mass of these exempt compounds is included.

[40 CFR 63.786(a)]

28. A coating manufacturer or the owner or operator of an affected source may use batch formulation data as a test method in lieu of Method 24 to certify the as-supplied VOC content of a coating if the manufacturer or the owner or operator has determined that batch formulation data have a consistent and quantitatively known relationship to Method 24 results. This determination shall consider the role of cure volatiles, which may cause emissions to exceed an amount based solely upon coating formulation data. Notwithstanding such determination, in the event of conflicting results, Method 24 shall take precedence.

[40 CFR 63.786(c)]

29. Each owner or operator of an affected source shall use or ensure that the manufacturer uses the form and procedures mentioned in appendix A to determine values for the thinner and coating parameters used in Equations 1 and 2. The owner or operator shall ensure that the coating/thinner manufacturer (or supplier) provides information on the VOC and VOHAP contents of the coatings/thinners and the procedure(s) used to determine these values.

[40 CFR 63.786(d)]

Recordkeeping and Reporting Requirements

30. The EPA VOC DATA SHEET - Properties of the Coating "As Supplied" by the Manufacturer, shall be kept on-site for each material and made available upon request to the Environmental Protection Commission of Hillsborough County. If any materials are added to an "as supplied" coating, then the EPA VOC DATA SHEET - Properties of the Coating "As Applied" to the Substrate for that coating shall be used.

[Rule 62-4.070(3), F.A.C.]

31. Compliance with the emission limitations of Specific Conditions 13

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and 14 shall be demonstrated by the following records which shall be maintained on a daily basis for the most recent five years of operation:

[Rules 62-296.500(2)(b) and 62-213.440(1)(b)2., F.A.C.]

- (1) The rule number applicable to the operation for which the records are being maintained and the date.
- (2) The application method, and the vessel, the vessel location, or part applied to.
- (3) The amount and type of coatings (including catalyst and reducer for multicomponent coatings) and solvent used at each point of application, including exempt compounds in gallons. Segregate the RACT and non-RACT coatings, and indicate individual HAPs.
- (4) The VOC content as applied in each coating and solvent.
- (5) The amount of surface preparation, clean-up, wash-up of solvent (including exempt compounds) used and the VOC content of each.
- (6) Whether any solvent washings were directed to a container that prevented evaporation into the atmosphere.
- (7) Sum the total VOC and individual and total HAP emissions from the coating operations and the RACT and non-RACT coating usage for each month and maintain a 12 month rolling total.

32. The permittee shall maintain monthly records on coating usage and volatile organic compound usage in order to demonstrate compliance with Specific Conditions 12, 13, 14, and 15. Rolling 12 month totals shall be kept as well. The records shall be maintained for a minimum of 5 years.

[Rules 62-070(3) and 62-213.440(1)(b)2., F.A.C.]

33. The permittee shall notify the Environmental Protection Commission of Hillsborough County in writing at least 15 days prior to the date that blasting and/or painting is scheduled to commence on each vessel of the dates and times that the blasting and painting are scheduled to be performed on that vessel.

[Rule 62-4.070(3), F.A.C.]

34. Each owner or operator of an affected source shall compile records on a monthly basis and maintain those records for a minimum of 5 years. At a minimum, these records shall include:

- (1) All documentation supporting initial notification;
- (2) A copy of the affected source's approved implementation plan;
- (3) The volume of each low-usage-exempt coating applied;
- (4) Identification of the coatings used, their appropriate coating categories, and the applicable VOHAP limit;
- (5) Certification of the as-supplied VOC content of each batch of coating;

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(6) A determination of whether containers meet the standards as described in Specific Condition 18(2); and

(7) The results of any Method 24 measurement test conducted on individual containers of coating, as applied.

[40 CFR 63.788(b)(2)]

35. The records required by Specific Condition 34 shall include additional information, as determined by the compliance procedure(s) described in Specific Condition 24 that each affected source followed:

(1) Coatings to which thinning solvent will not be added. The records maintained by facilities demonstrating compliance using the procedure described in Specific Condition 24(1) shall contain the following information:

(i) Certification of the as-applied VOC content of each batch of coating; and

(ii) The volume of each coating applied.

(2) Coatings to which thinning solvent will be added--coating-by-coating compliance. The records maintained by facilities demonstrating compliance using the procedure described in Specific Condition 24(2) shall contain the following information:

(i) The density and mass fraction of water and exempt compounds of each thinner and the volume fraction of solids (nonvolatiles) in each batch, including any calculations;

(ii) The maximum allowable thinning ratio (or ratios, if the affected source complies with the cold-weather limits in addition to the other limits specified in Table 1) for each batch of coating, including calculations;

(iii) If an affected source chooses to comply with the cold-weather limits, the dates and times during which the ambient temperature at the affected source was below 4.5°C (40°F) at the time the coating was applied and the volume used of each batch of the coating, as supplied, during these dates;

(iv) The volume used of each batch of the coating, as supplied;

(v) The total allowable volume of thinner for each coating, including calculations; and

(vi) The actual volume of thinner used for each coating.

(3) Coatings to which the same thinning solvent will be added--group compliance. The records maintained by facilities demonstrating compliance using the procedure described in Specific Condition 24(3) shall contain the following information:

(i) The density and mass fraction of water and exempt compounds of each thinner and the volume fraction of solids in each batch, including any calculations;

(ii) The maximum allowable thinning ratio (or ratios, if the affected source complies with the cold-weather limits in addition to the other limits specified in Table 2) for each batch of coating, including calculations;

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SPECIFIC CONDITIONS:

- (iii) If an affected source chooses to comply with the cold-weather limits, the dates and times during which the ambient temperature at the affected source was below 4.5°C (40°F) at the time the coating was applied and the volume used of each batch in the group, as supplied, during these dates;
- (iv) Identification of each group of coatings and their designated thinners;
- (v) The volume used of each batch of coating in the group, as supplied;
- (vi) The total allowable volume of thinner for the group, including calculations; and
- (vii) The actual volume of thinner used for the group.

[40 CFR 63.788(b)(3)]

36. If the owner or operator of an affected source detects a violation of the standards specified in Specific Conditions 17 and 18, the owner or operator shall, for the remainder of the reporting period during which the violation(s) occurred, include the following information in his or her records:

- (1) A summary of the number and duration of deviations during the reporting period, classified by reason, including known causes for which a Federally-approved or promulgated exemption from an emission limitation or standard may apply.
- (2) Identification of the data availability achieved during the reporting period, including a summary of the number and total duration of incidents that the monitoring protocol failed to perform in accordance with the design of the protocol or produced data that did not meet minimum data accuracy and precision requirements, classified by reason.
- (3) Identification of the compliance status as of the last day of the reporting period and whether compliance was continuous or intermittent during the reporting period.
- (4) If, pursuant to paragraph (3) of this specific condition, the owner or operator identifies any deviation as resulting from a known cause for which no Federally-approved or promulgated exemption from an emission limitation or standard applies, the monitoring report shall also include all records that the source is required to maintain that pertain to the periods during which such deviation occurred and:
 - (i) The magnitude of each deviation;
 - (ii) The reason for each deviation;
 - (iii) A description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence; and
 - (iv) All quality assurance activities performed on any element of the monitoring protocol.

[40 CFR 63.788(b)(4)]

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SPECIFIC CONDITIONS:

37. Before the 60th day following completion of each 6-month period after the compliance date specified in 40 CFR 63.784 (December 15, 1997), each owner or operator of an affected source shall submit a report to the Environmental Protection Commission of Hillsborough County for each of the previous 6 months. The report shall include all of the information that must be retained pursuant to Specific Conditions 34 and 35, except for that information specified in Specific Condition 34(1), (2), (5) and Specific Condition 35(1)(i), (2)(i), (3)(i). If a violation at an affected source is detected, the source shall also report the information specified in Specific Condition 36 of this section for the reporting period during which the violation(s) occurred. To the extent possible, the report shall be organized according to the compliance procedure(s) followed each month by the affected source.
[40 CFR 63.788(c)]

38. The permittee shall comply with 40 CFR Part 63, Subpart A - General Provisions (Appendix GP-1, General Provisions Applicability to Subpart II).
[Rule 62-204.800(10)(d), F.A.C.]

39. If the permittee wishes to transfer this permit to another owner, an "Application for Transfer of Permit" (DEP Form 17-1.201(1)) shall be submitted, in duplicate, to the Environmental Protection Commission of Hillsborough County within 30 days after the sale or legal transfer of the permitted facility.
[Rule 62-4.120, F.A.C.]

40. Within 90 days of the expiration date of this permit, the permittee shall submit an application for a revised Title V Operation Permit (two copies) to address the limitations of this permit and any physical or operational changes made at the facility to comply with them.

ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY



Richard D. Garrity, Ph.D.
Executive Director