



MANAGEMENT SYSTEM MANUAL

OCN 7.8.6 R/V Oceanus Hot Work Procedures

Originator:	Approved By:
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1. Purpose

The purpose of this procedure is to supplement the hot work procedures found in 7.8.6 and customize these procedures for the R/V Oceanus in conducting hot work.

2. Responsibility

Responsibility to safely conduct hot work in the vessel rests with the Master. When a Master is not on board, it is the responsibility of the senior officer to ensure that this policy is complied with.

3. General

The Safety Management Manual, Volume 1, procedure SMM-7.8.6 sets forth the general criteria for which a hot work permit is required by regulation. In addition to the requirements of procedure SMM-7.8.6, anytime hot work is conducted on R/V Oceanus, the attached hot work check list shall be completed.

4. Action

Whenever hot work is needed, the individual conducting the hot work must complete the attached hot work check list. Each check box shall be initialed by the individual conducting the hot work. The check list is not considered completed until signed by the Chief Engineer, Chief Mate or Master. In the absence of these individuals while the vessel is in port, the Port Engineer or Marine Engineer shall sign the check list. On the check list this individual is identified as the "Responsible Individual."

5. Reporting

Just as hot work permits are maintained by the master of the vessel, hot work check lists shall be maintained by the master of the vessel.

It is not necessary to record the conducting of a safety inspection for the conducting of hot work in the NS5 system unless entered as a part of some additional report entered into the system.



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Hot Work Check List

Date Issued _____

Valid Until _____

Location of work _____

The location where this work will take place will be examined before the start of hot work and all the appropriate precaution will be taken.

Before the Work – All of the following precautions must be taken:

- Cutting and/or welding equipment must be inspected and found to be in good repair.
- A dry chemical, portable fire extinguisher must be located such that it is immediately available to the work and is fully charged and ready for use.
- Identify at least one method which will be used to raise an alarm if a fire occurs.
- Floor areas under and no less than 25 feet around the hot work must be swept clean of combustible and flammable materials.
- Fuel or Oil transfer/bunkering not in progress.

Where applicable:

- Fire resistant shields (fire cloth) must cover combustible surroundings.
- Spark/slag catchers (fire retardant plywood, fire cloth, metal, etc.) must be suspended below any elevated hot work operations.
- All gratings, deck plates and bulkhead openings must be covered to prevent sparks/slag from traveling to other, unprotected areas.
- Containers in or on which hot work will take place must be purged of flammable vapors. Bilges are to be clean of any oil and debris.

During/After the work:

- Person(s) must be assigned to a fire watch during and for at least 30 minutes after hot work is completed.



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Person conducting Hot Work

Responsible Individual