

SMM 7.2.3 Hot Work Form

Any hot work task, regardless of whether being conducted for or by the deck, engine, steward or science department, shall be thoroughly evaluated. This hot work task sheet must be completed prior to the commencement of any hot work. Prior to the commencement of each new science mission where the likelihood of hot work or the use of open flames by science personnel or crew will take place, hot work procedures must be covered.

CE Initials below**Date:** _____

- _____ The Master has identified all hazards.
- _____ Ship personnel have been informed on the Vessel Safety Bulletin Board of any intended hot work.
- _____ Involved personnel shall conduct a safety briefing before the task.
- _____ All fire hazards have been clearly identified.
- _____ The Bridge has been notified and the smoke detectors of the affected areas have been temporarily disabled.
- _____ Proper protective equipment has been supplied to the personnel involved.
- _____ If in port, the Master has obtained the permission of the local authorities before hot work commences.
- _____ The space will be monitored for the entire time that personnel are in the space.
- _____ Sufficient fresh air will be provided to the space and exhaust vented.
- _____ Sufficient lighting will be provided and portable lights will be kept on personnel in case of failure
- _____ Hot work site is clear of combustibles or combustibles are protected.
- _____ Deck (floors) are kept clean.
- _____ No exposed combustibles are located on the opposite side of bulkheads, partitions, walls, overheads, ceilings, or decks.
- _____ Only qualified personnel will engage in hot work. The Chief Engineer shall determine if a person is qualified. At least one safety observer will be assigned as fire watch with communication with personnel performing the hot work and the Bridge for the entire time that the hot work is being conducted. **Fire watches may need to be in adjacent compartments.**
- _____ Hot work equipment is in satisfactory operating condition and in good repair.
- _____ Fire extinguishers, fire hoses and smothering devices are operable and available.

Hot Work Personnel's Printed/typed name_____
Hot Work Personnel's Signature_____
Chief Engineer's Printed/typed name_____
Chief Engineer's Signature_____
Master's Printed/typed name_____
Master's Signature**This form shall be documented in Sinex.**