

# Hot Work Permit Changes April 2025

There have been 5 changes to the hot work permit required by NAVSEA 8010:

1. The first block relating to new work and SF serial number of the permit has been numbered. So all subsequent blocks had their numbers changed by one digit.
2. **Section 2, 13i.** Fire watch locations are required to be written on the permit. Use the 3 spaces to write fire watch location. See image below for an example of writing the fire watch locations on the permit:

SECTION 2: Hot Work Assessment: Hot Work Supervisor (HWS)				
13. Work Site Requirements	a. Exhaust Ventilation Required	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	b. Fire Watch (FW) Required	<input checked="" type="checkbox"/> Yes (No. needed): 3 <input type="checkbox"/> No		
	i. FW Locations:	Front side	Backside	Lower level
	c. Gas Free Required	<input type="checkbox"/> Yes (Type and space): <input checked="" type="checkbox"/> No		
14. Site inspected for compliance with applicable hot work safety requirements.				
a. HWS Signature: John Doe		b. Date and Time: 4/8/25 1500		

3. **Section 4, 17a.** Combustible material within 35 feet of hot work must be removed or protected with fire retardant coverings. If checked YES, leave space below blank. If checked NA, fill in blank below for the means of mitigation and why removal is impractical. See image below for an example of checking NA:

Section 4: Hot Work Authorization: RA HWS, Hot Work Mechanic (HWM), and FW						
17. HWM must verify and sign for safe conditions every shift before conducting hot work. HWS must inspect and sign for safe conditions on every shift conducting hot work. Each assigned FW must initial for understanding alarm locations and processes.	1st Shift HWM		2nd Shift HWM		3rd Shift HWM	
	Yes	NA	Yes	NA	Yes	NA
a. Combustible materials within 35 ft. of hot work removed or protected with fire retardant covering.			X			
If not, list means of mitigation and justification for why removal is impractical: impossible to move item Z, placed fire watch						

4. **Section 4, 17b.** The HWS signs and dates block 17b if no radioactive material is within 35 feet of the hot work. If there is radioactive material within 35 feet of hot work, leave block 17b blank and follow Enclosure 3 of IPI 0770-903. Contractors must also obtain approval from Code 105.3 before hot work. See image below for an example of no RAM within 35 feet of hot work:

b. No radioactive material within 35 feet of hot work.	(1) Verification Signature: John Doe	(2) Date: 4/8/25
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5. **Section 4, 21.** After the 30-minute cool down, a survey is required to be completed by the fire watch. If there is no potential for a fire, check "No Issues". If there is potential for a fire notify the hot work supervisor and leave the "No Issues" check block blank.



## HOT WORK PERMIT

Ref: IPI 0770-903

1. ☐ New Work or ☐ Continuation (Current Ship's Force Serial (Ser) Number (No.)):**SECTION 1: HOT WORK INFORMATION: REPAIR ACTIVITY (RA)**

2. Ship:

3. RA Ser No.: (optional)

4. Ship's Force Ser No.:

5. Job Description:

6. Start Date and Time:

7. End Date and Time:

8. Organization:

9. Point of Contact:

10. Phone No.:

11a. Location:

c. Space Type:

☐ Confined ☐ Enclosed ☐ Openb. Affected adjacent area(s):  
(Check if Not Applicable (NA)): ☐d. Location in Compartment:  
(Check all that apply)☐ Deck ☐ Bulkhead ☐ Overhead  
☐ Upper level ☐ Mid-Level ☐ Lower Level  
☐ Stanchion ☐ Piping system:12. Hot Work Type:  
(Check all that apply)☐ Plasma Cutting ☐ Flame Cutting ☐ Air Arcing ☐ Shielded Metal Arc Welding  
☐ Ferrous Grinding ☐ Brazing ☐ Stud Gun ☐ Gas Tungsten Arc Welding  
☐ Other (Specify): \_\_\_\_\_**SECTION 2: HOT WORK ASSESSMENT: HOT WORK SUPERVISOR (HWS)**

13. Work Site Requirements:

a. Exhaust Ventilation Required:

☐ Yes ☐ No

b. Fire Watch (FW) Required:

☐ Yes (No. needed): ☐ No

i. FW Locations:

c. Gas Free Required:

☐ Yes (Type and space): ☐ No

14. Site inspected for compliance with applicable hot work safety requirements.

a. HWS Signature:

b. Date and Time:

**SECTION 3: HOT WORK CONCURRENCE: SHIP'S FORCE**

15. Weapons Department

a. Ammunition or explosives stored in hot work location or adjacent spaces.

☐ Yes ☐ No

b. Hot work permissible per OP4 and OP5 requirements.

☐ Yes ☐ No

c. Concurrence Signature:

d. Date and Time:

16. Duty Fire Marshall

a. Location and adjacent spaces safe for hot work based on planned work and evolutions.

☐ Yes ☐ No

b. HWS step 2b FW plan correct for space configuration, hot work type, and damage control conditions.

☐ Yes ☐ No

c. Concurrence Signature:

d. Date and Time:

**SECTION 4: HOT WORK AUTHORIZATION: RA HWS, HOT WORK MECHANIC (HWM), AND FW**

17. HWM must verify and sign for safe conditions every shift before conducting hot work.

HWS must inspect and sign for safe conditions on every shift conducting hot work.

Each assigned FW must initial for understanding alarm locations and processes.

1st Shift  
HWM2nd Shift  
HWM3rd Shift  
HWM

Yes

NA

Yes

NA

Yes

NA

a. Combustible materials within 35 feet of hot work removed or protected with fire retardant covering.

If not, list means of mitigation and justification for why removal is impractical:

b. No radioactive material within 35 feet of hot work (1) Verification Signature:

(2) Date:

c. Paint and insulation has been removed on both sides of hot work area.

d. Flammable liquids and gasses removed from hot work area.

e. Qualified FWs posted and equipped with appropriate fire extinguisher.

f. Fire extinguishers are fully charged with maintenance checks complete.

g. Communications established between HWM and all FWs.

h. Working exhaust ventilation installed.

i. Confined space certification posted.

j. Hot Work Permit available at work site.

18. 1st Shift: Safe to Work. (HWMs Initial and Badge No.; HWS Sign and Print)

FW Initial for alarm location and process

a. HWM

b. HWS

19. 2nd Shift: Safe to Work. (HWMs Initial and Badge No.; HWS Sign and Print)

FW Initial for alarm location and process

a. HWM

b. HWS

20. 3rd Shift: Safe to Work. (HWMs Initial and Badge No.; HWS Sign and Print)

FW Initial for alarm location and process

a. HWM

b. HWS

21. Survey of exposed area(s) to determine whether there is any further potential for a fire hazard:

☐ No Issues