

DEPARTMENT OF HOMELAND SECURITY
U.S. Coast Guard

OMB No. 1625-0016
Exp. Date: 01/31/2016

WELDING AND HOT WORK

(Electric Welding, Oxyacetylene Welding, Burning, Cutting and Other Hot-Work)

Check Applicable Box: Permit Notification

FROM: Owner/Operator Phone: Fax:	TO: CAPTAIN OF THE PORT U.S. COAST GUARD Phone: Fax:	DESCRIPTION OF WORK LOCATION		DURATION FROM	TO
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I agree to comply with and to require my employees to comply with the below listed requirements. I understand that failure to comply with these requirements may subject me and any other responsible person to the penalties prescribed in the Ports and Waterways Safety Act (33 USC 1226-1227) and will result in the cancellation of any permit issued.

DATE	TITLE	SIGNATURE
FROM: CAPTAIN OF THE PORT U.S. COAST GUARD	TO: Attn: Owner/Operator Facility Address	PERMIT NUMBER: VALID (DATE/TIME) FROM TO

This permit authorizes the above described welding, burning, or other hot-work to be performed subject to the requirements listed hereafter.

DATE	ISSUED BY
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REQUIREMENTS (In addition to applicable regulations in 33 Code of Federal Regulations (CFR) Parts 126, 127, and 154)

PERSONNEL	<p>A qualified operator shall be in charge.</p> <p>All persons using any cutting, welding, or other hot-work equipment shall be fully qualified in its use and associated safety procedures.</p>
EQUIPMENT	<p>All equipment shall be in good condition.</p> <p>Oxygen and acetylene cylinders shall be placed in an upright position and properly secured. Hose shall be free of leaks.</p> <p>In confined spaces, mechanical ventilating equipment shall be supplied to exhaust fumes to the outer atmosphere.</p> <p>Each electric welding machine shall be properly grounded to prevent arcing.</p> <p>Welding machines driven by liquid fuel shall be equipped with drip pans and shall be fueled off the pier.</p>
SCENE	<p>All flooring in the area of operation shall be swept clean. Wooden planking shall be wet down.</p> <p>All combustible material shall be removed 35 feet horizontally from the work area or protected with flame proofed covers or shielded with metal or fire resistant guards or curtains.</p> <p>The pier superintendent or authorized representative and the welding foreman shall make a joint inspection of the area and adjoining areas before any hot-work is started.</p> <p>The pier superintendent or authorized representative and the welding foreman shall notify the welder of all fire hazards in the area.</p>
FIRE PROTECTION	<p>A competent fire watch shall be maintained and, if the hot-work is on the boundary of a compartment (i.e. ,bulkhead, wall or deck) an additional fire watch shall be stationed in the adjoining compartment and have immediately available at least one <i>UL</i> approved fire extinguisher containing an agent appropriate to existing conditions. The minimum rating of the fire extinguisher shall not be less than <i>4A</i> or <i>4B</i> as defined by National Fire Code 10. A fire hose shall be available, already led out, and with pressure at the nozzle.</p> <p>Fire watchers shall have no duties except to watch for the presence of fire and to prevent the development of hazardous conditions. The fire watch shall be maintained for at least one half hour after completion of the hot-work.</p> <p>Flammable vapors, liquids or solids must first be completely removed from any container, pipe or transfer line subject to hot-work. Tanks used for storage of volatile substances must be tested and certified gas free prior to starting hot-work.</p> <p>Proper safety precautions in relation to purging, inerting, or venting shall be followed for hot-work on containers.</p>
GENERAL	<p>All safe practices in <i>NFPA 51B</i> and all local laws and ordinances shall be observed.</p> <p>In case of fire or other hazard, all cutting, welding or other hot-work activity and equipment shall be completely secured.</p> <p>This permit does not exempt you from applicable notification requirements.</p>

ADDITIONAL DIRECTIONS OR ORDERS

I acknowledge receipt of this welding and hot-work permit. (Please return signed copy to the COTP.)

DATE	TITLE	NAME and SIGNATURE
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A. Scope: The following is intended as explanatory language for federal requirements contained in 33 Code of Federal Regulations (CFR) Parts 126, 127 and 154 regarding permit and notifications for conducting welding and hot-work at waterfront facilities or aboard vessels moored thereto. It does not account for local laws and ordinances nor does it account for differing procedures or additional requirements implemented by your local Coast Guard Captain of the Port (COTP).

B. Permit Application: The operator of a Liquefied Natural/Hazardous gas facility, subject to 33 CFR Part 127, shall ensure that no welding, torch cutting, or other hot-work takes place on the facility or on a vessel moored thereto unless a permit has been granted by the COTP and the conditions on the permit are met.

C. Prohibited Hot-Work: Facilities subject to 33 CFR Part 126 and/or 33 CFR Part 154, are prohibited from conducting welding or hot-work during gas freeing operations or within--

1. 30.5 meters (100 feet) of bulk cargo operations involving flammable/combustible materials,
2. 30.5 meters (100 feet) of fueling operations,
3. 30.5 meters (100 feet) of explosives, or
4. 15.25 meters (50 feet) of other hazardous materials.

D. Notifications:

1. **Facilities Subject to 33 CFR Part 126:** The operator of a facility subject to 33 CFR Part 126 must notify the COTP before conducting hot-work on a vessel moored thereto, when containerized dangerous cargo is located within the distances noted in paragraph C above. This form may be used for such notification. Additionally, this form may be used to notify (if required by the local COTP) of welding or hot-work at a facility subject to 33 CFR Part 126. Any such welding or hot-work must be done in compliance with 33 CFR 126.30.
2. **Facilities Subject to 33 CFR Part 154:** This form may also be used to notify (if required by the local COTP) of welding or hot-work at a facility subject to 33 CFR Part 154. Any such welding or hot-work must be done in compliance with 33 CFR 154.735(l).

E. Additional Requirements: The COTP retains the authority to request prior notification for all hot-work conducted at any facility or vessel within the COTP zone if the COTP deems it necessary. There may be additional requirements regarding hot-work for vessels at anchor. Additionally, there are specific requirements for different types of vessels such as tank vessels (46 CFR 35.01-1) and passenger vessels (46 CFR 71.60(c)(1)). Please consult with your local COTP for hot-work aboard such vessels.

Privacy Act Statement

Authority: 33 C.F.R. Part 127 authorizes the U.S.C.G to collect this information prior to performing any welding, torch cutting or other hot-work at a facility handling liquefied natural /hazardous gas. This information also covers notification requirements (when required by the local COTP) for 33 C.F.R Parts 126 and 154 regulated facilities.

Purpose: When required to be submitted, the Coast Guard will retain this form in order to record the actions of welding, burning, or other hot-work conducted at the facility or on any vessel moored thereto.

Routine Uses: The information supplied on the form will be used by and disclosed to Coast Guard personnel. Additionally, the Coast Guard may share the information with law enforcement or other government agencies as necessary to respond to any incidents that may occur as a result of any welding, burning, or other hot-work conducted, or pursuant to its published Privacy Act system of records notice.

Disclosure: Furnishing this information is voluntary; however, failure to furnish the requested information may delay or prevent the issuance of the Welding and Hot-Work Permit (Form CG-4201).

An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number.

The Coast Guard estimates that the average burden for this report is 36 minutes. You may submit any comments concerning the accuracy of this burden estimate or any suggestions for reducing the burden to: Commandant (CG-FAC), U.S. Coast Guard, 2100 2nd Street, SW, Stop 7581, Washington, DC 20593-7581 or Office of Management and Budget, Paperwork Reduction Project (1625-0016), Washington, DC 20503.