



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS DIVISION
OAHU DISTRICT – COMMERCIAL
HARBORS

Date: \_\_\_\_\_

PERMIT FOR SHORESIDE AND VESSEL WORK - TO INCLUDE ALL FORMS OF "Hot Works"

Name of applicant: \_\_\_\_\_
clearly print or type

Name of Person completing application: \_\_\_\_\_ Title: \_\_\_\_\_
clearly print or type

Name of Vessel/Project: \_\_\_\_\_ Pier/Location: \_\_\_\_\_

Detailed Description of Work (add attachment if needed): \_\_\_\_\_

Is Dangerous Cargo Present? Yes \_\_\_\_\_ No \_\_\_\_\_ Commodity: \_\_\_\_\_

Location: \_\_\_\_\_ How Stored: \_\_\_\_\_

How will waste materials be removed from the harbor and disposed? \_\_\_\_\_

Remarks/Dates: \_\_\_\_\_

In accordance with State of Hawaii, Departments of Transportation and Health, Chapter 266 and Chapter 342D of the Hawaii Revised Statutes (HRS), and in addition but not limited to the Hawaii Administrative Rules (HAR) chapters §19-42-1 Harbor Master; general authority, §19-41-5 Implied agreement, §19-42-15, relating to compliance with federal, state, and county laws, ordinances and rules, each individual and / or business is required to be in compliance with all federal, state, and county statutes, rules and/or ordinances at all times twenty four (24) hours a day, seven (7) days a week including weekends and holidays without exception.

Personnel at the work site without exception, shall be briefed on safety, environmental protection and all other applicable laws and procedures to include approved current Best Management Practices before any work commences. Each individual and or business is responsible to ensure that employees are properly trained and will adhere to the applicable requirements while working at DOT Harbors Division facilities. The applicant is also solely responsible to ensure that its subcontractors are in total compliance with requirements at all times.

I request permission to engage in activities as described above or attached and I certify and ensure that no one shall at any time perform any cutting, burning, grinding, sanding and/or welding, adjacent to or within any hazardous distance of any combustible material or fuel or void without first obtaining a "gas free" certification from a bona fide chemist currently certified and in good standing.

A FIRE WATCH SHALL BE MAINTAINED AT ALL TIMES WHENEVER WELDING, BURNING, CUTTING, GRINDING AND/OR SANDING ACTIVITIES OCCUR. BEFORE BEGINNING WELDING, BURNING, CUTTING, GRINDING AND/OR SANDING I SHALL FIRST NOTIFY ALOHA TOWER, HARBOR TRAFFIC CONTROL AT (587-2076) AND THE HONOLULU FIRE DEPARTMENT (723-3473).

Violators are subject to administrative fines of up to \$25, 000.00 for each offense, plus jail time or both. In addition, violators may be required to pay restitution and/or lose their harbor access privileges. This permit may be terminated at any time without notice at the discretion of the state.

The signatories to this agreement certify that they are authorized to sign this application and that they agree to indemnify and hold the state and all its employees free and harmless from all suits and actions resulting from work related to this permit application.

print applicants name applicant's Signature 24/7 contact number (s)

A copy of this approved permit shall be either properly displayed or made readily available at the location of work upon demand. Submission of this permit application ensures that the applicant understands all conditions, restrictions and requirements as identified in this application and any attachment including applicable Best Management Practices.

THIS PERMIT IS NOT VALID UNLESS SIGNED BY THE HARBOR MASTER OR AUTHORIZED DESIGNEE

Approved \_\_\_\_\_ Disapproved \_\_\_\_\_

Harbor Master

THIS PERMIT IS VALID FROM \_\_\_\_\_ TO \_\_\_\_\_
Date Date

## HOT WORK CONDITIONS

**All of the following conditions must be met or acknowledged prior to the issuance of a permit.**

1. Management shall designate a facility employee to be the “responsible person” who shall be responsible for overseeing the onsite hot workers to ensure that the required hot work safety measures are taken to prevent fires or explosions.
2. The “responsible person” shall be trained in the work safety and fire safety considerations concerned with hot work and shall follow the most current applicable codes set forth by the National Fire Protection Association (NFPA), City and County of Honolulu, State of Hawaii, and United States Coast Guard.
3. The “responsible person” shall survey hot work areas to identify source of hazards to workers and co-workers prior to commencement of hot work. The survey shall determine compliance with, all of the following:
  - Hot work equipment to be used shall be in satisfactory operating condition and in good repair.
  - Hot work site is clear of fire hazards or fire hazards are protected.
  - Exposed construction is of noncombustible materials or, if combustible, then protected.
  - Openings are protected.
  - Floors are kept clean.
  - No exposed combustibles and fire hazards are located on the opposite side of partition, walls, ceilings or floors.
  - Fire watches, where required, are assigned.
  - Approved actions have been taken to prevent accidental activation of suppression and detection equipment.
  - Fire extinguishers and fire hoses (where provided) are operable and available.
4. The hot work area shall be inspected by the “responsible person” at least once a day to ensure that the area remains fire-safe.
5. A fire watch shall be provided during hot work activities and shall continue for a minimum of 30 minutes after the conclusion of the work. The fire code official or the “responsible person” is authorized to extend the fire watch based on the hazards or work being performed. Monitor the atmosphere with a gas detector if necessary.
6. The fire watch shall be positioned so that the extinguishment of a spot fire is not delayed. Hot work conducted in areas with vertical or horizontal fire exposures that are not observable by a single individual shall have additional personnel assigned to fire watches to ensure that the exposed areas are monitored. Individuals designated to fire watch shall have no other duties except to watch for fire, extinguish spot fires, and communicate an alarm.
7. The individuals responsible for performing the hot work and individuals responsible for providing the fire watch shall have fire-extinguishing equipment readily available and shall be trained in the use of such equipment.
8. Firefighting and fire suppression equipment shall meet or exceed any standards set by the NFPA, City and County of Honolulu, and State of Hawaii.
9. Hot work shall not be performed on containers or equipment that contains or has contained flammable liquids, gases or solids until the containers and equipment have been thoroughly cleaned, inerted or purged and certified safe for hot work by a certified chemist.

Exception: Hot tapping shall be allowed on tanks and pipelines when such work is to be conducted by personnel specifically approved by the fire code official.

10. Areas where hot work is conducted shall not contain combustibles or shall be provided with appropriate shielding to prevent sparks, slag or heat from igniting exposed combustibles.
11. Openings or cracks in walls, floors, ducts or shafts within the area where cutting and welding is to be performed shall be tightly covered to prevent the passage of sparks to adjacent combustibles areas, or shielding by metal or fire-resistant guards or curtains shall be provided. Floors shall be kept clean within the hot-work area.
12. Gas space quantities used for hot work shall be limited in accordance with most current NFPA, City and County of Honolulu, and State of Hawaii codes.
13. Flammable and combustible liquid storage and dispensing shall be separated from hot work operations and within a designated storage area, but not near a building exit.
14. Storage of fuel gas cylinders and compressed oxygen cylinders shall be separated by a minimum of 20 feet or by a barrier of noncombustible construction of at least five feet high giving a fire-resistive rating of a least ½ hour. The barrier shall interrupt all lines of sight between oxygen and fuel gas cylinders within 20 feet of each other.
15. When the hot-work area is accessible to persons other than the operator of the equipment, conspicuous signs shall be posted to warn others before they enter the hot work area.

Such signs shall display the following warning: **CAUTION-HOT WORK IN PROGRESS-STAY CLEAR**

16. **At no time during the hot works process should any by-product (Slag, Paint Chips, Paint, dust from grinding, etc.) go into Harbors waters. The responsible person shall ensure that catchments are in place to ensure that any product other than fresh water does not enter Harbor waters. Should anything other than fresh water enter Harbor waters, it shall be considered an illicit discharge subject to fines up to \$10,000 per day per violation.**

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Applicant's Signature

Date

**ELECTRIC ARC HOT WORK**

1. The frame or case of electric hot work machines, except internal-combustion-engine -driven machines, shall be adequately grounded.
2. Welding return currents from the work to the machine shall have proper electric contact at joints. The electric contact shall be periodically inspected.
3. Electrodes (i.e. welding rods) shall be removed from the holders when electric arc hot work is discontinued for any period of 1 hour or more. The holders shall be located to prevent accidental contact and the machines shall be disconnected from the power source.
4. A switch or circuit breaker shall be provided so that fixed electric welders and control equipment can be disconnected from the supply circuit. The switch or circuit breaker shall be marked EMERGENCY DISCONNECT and shall be visible from the equipment.
5. Damaged cables shall be removed from service until it has been properly repaired or replaced.

**Environmental Best Management Practices (BMP)**

1. The most current copy of the applicants' BMP plan shall be provided to and approved by DOT Harbors Division before issuance of any Hot Work permit.
2. Applicant shall designate a facility employee to be the "responsible person" who shall be responsible for overseeing the onsite workers to ensure that the approved environmental BMP plan is adhered to.
3. Discharge of sanitary wastewater (black and gray) to waters of the state is prohibited. Wastewater may be discharged to an approved land-based sewerage system or sewerage hauler.
4. It is the responsibility of the vessel owner to contact a service provider to dispose of bilge water. Bilge and contaminated ballast water discharge ports must be connected to an approved land based sewerage system, land-based collection and treatment system, or an approved temporary holding tank or vessel. All pumping, valves, metering and coupling equipment must be watertight. Leaks must be immediately repaired upon discovery.
5. The discharge of bilge water into State waters is illegal. Do not discharge bilge water that is contaminated with oil, detergents, engine coolant, or bilge cleaners. The fine for discharging oil from your bilge can be as high as \$25,000 per day per violation.
6. Management shall provide all employees with Best Management Practices training and discussions relating to pollutants and pollution prevention before being assigned to work at any DOT Harbors Division facility. The training shall emphasize procedures, BMP techniques and supervisory responsibility and accountability. Subcontracting firms shall be required to participate in the BMP training program.
7. **At no time during the hot work process should any by-product (Slag, Paint Chips, Paint, dust from grinding, etc.) go into Harbors waters. The responsible person shall ensure that containment BMPs are in place to ensure that any product other than fresh water does not enter State waters. Should anything other than fresh water enter State waters, it shall be considered an illicit discharge subject to fines up to \$10,000 per day per violation.**
8. In the event of a spill or illicit discharge; immediately stop the spill, collect and remove spilled materials unless not feasible, proceed to correct, and notify the U.S. Coast Guard National Response Center at **1-800-424-8802** and the DOT Harbors Division Tower Operator at **1-808-587-2076**.

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 Applicant's Signature

Date