



### A Permit for Work with Naked Fire

Permit No.....

Name of Orderer: ..... Name of Supervisor: .....

Name of Contractor: ..... Name of Contractor's Foreman: .....

Name of Sub- Contractor: .....Name of Crane operator: .....

Work location: .....Starting date: .....

Details of the nature of the work.....

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The work is rated: high-risk  regular risk

**Permit conditions for the work:**

1. According to the specifications in the port regulations, 1971, chapters 12, 13, 14.
2. Proper grounding arrangements must be established including the use of a mobile circuit breaker.
3. Upon completion of work and in order to prevent backfire, a fire observer should be installed.
4. The work will be completed according to the work-safety ordinance (new version - 1970) and the regulations of the work inspectors' organization (safety supervisors) and the work-safety regulations.
5. Two fire extinguishers of 6-kg powder, should be installed near the working location, a 2" water line, jet branch or a hose.
6. The absence of inflammable and combustible materials should be ensured in adjacent to the work location, or alternatively act according to paragraph 9.
7. In welding works in a closed region, and before entering the premises and before conducting work with open fire, a Gas Free check should be conducted including presence of a permit by an authorized entity.
8. The absence of any inflammable material that might combust or explode after the welding, should be ensured.
9. Inflammable parts that cannot be removed away from the welding location, will be isolated with proper sheets.
10. The port permit for welding conditions on a ship will be issued only with the authorization of the captain of the ship and the steward.
11. These conditions are an addition to the safety appendix signed by the contractor.
12. On ships carrying hazardous cargo, the orderer should ensure that the warehouses adjacent to the hold do not contain hazardous substances, and Gas Free check was completed and that there is permission to work from the captain of the ship.

Further conditions required in order to perform the work : **All maintenance work must be kept away from stevedores operation area , at a distance of at least fifteen meters .**

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The permit is valid until: ..... Date ..... Details of the Endorser .....

Position ..... Signature.....

I, the inspector / contractor, hereby confirm that the safety orders for the work are clear to me.

The actual start of work is conditioned by the approval of the port's inspector, according to the procedures concerning the contractor's work in the port.

Date ..... name of inspector ..... mobile phone .....

Date ..... name of contractor ..... signature..... mobile phone .....

## A Checklist for Welding, Cutting and soldering

1	Are only authorized and trained workers permitted to use welding, cutting or soldering equipment?	yes	no
2	Does each worker have a copy of the instruction manual to operate the equipment; is the worker instructed to work only upon these instructions?	yes	no
3	Are the compressed gas tanks regularly checked for signs of flaws, deep rust or leakage?	yes	no
4	Is the transfer and storage of the gas tanks conducted carefully, in order to prevent damages to pressure-relief valves and fixings?	yes	no
5	Are safety measures performed in order to prevent mixings of oxygen or air tanks with inflammable gas tanks, (excluding cases of connections to a welding or a cutting torch.)	yes	no
6	Is only authorized equipment in use (torch, regulator, valve, pressure-relief valve, manifold, fire checkers etc.?)	yes	no
7	Are the gas tanks far away from heat sources?	yes	no
8	Are the gas tanks far away from elevators, stairs and corridors?	yes	no
9	Is there a prohibition to use condensed gas tanks (empty or full) as a mean for supporting or rolling?	yes	no
10	Are the empty gas tanks marked properly, are their valves carefully shut and are they covered with "the protection hat"?	yes	no
11	Are there signs like : "danger – no smoking – the smoking, use of matches or open fire are prohibited" (or similar)?	yes	no
12	Are the gas tanks, valves, couplings, pressure-relief valves, piping and its fixings carefully held away from oil or greasing materials?	yes	no
13	Is the order not to drop or hit gas tanks carefully complied?	yes	no
14	Before the transferring of the tanks from one place to another or before loading them on a transfer truck, are the valves carefully removed and the protective covers installed over the tanks' heads?	yes	no
15	Are proper keys installed on the heads of the tanks used, which do not have a manual on/off valve.	yes	no
16	Are the tanks with liquefied petroleum gas stored and transferred with their valves secured?	yes	no
17	Are there orders not to open the valve of a tank that contains combustible gas near an ignition site?	yes	no
18	Is the faucet closed and the pressure relieved before dismantling the valve?	yes	no
19	Is the electrode taken out of the handle, when she is not used?	yes	no
20	Are the tank and pipes marked as follows: yellow – for ethylene identification, green – for oxygen piping, black – for inert gas piping and for air?	yes	no
21	Are the various gas regulators installed according to the type of gas and pressure zone they are designated for?	yes	no
22	Is the zero potential of the electric power generators for welding and cutting as low as possible and does it not exceed the permitted value?	yes	no
23	In moisture conditions, is automatic control used in order to lower the electric voltage without load?	yes	no
24	Are the grounding of the regional power supply and the safety connections to the grounding of the equipment checked regularly?	yes	no
25	Is there an order to shut the circuit breaker of the power supply when there is no operator around it?	yes	no
26	Is fire extinguishing equipment always available?	yes	no
27	Is there a prohibition for a welder to wrap the welding cable around his body or on his shoulders?	yes	no
28	Are power supplies that had been previously wetted, dried and checked before using them?	yes	no
29	Are the welding and the return current cables - regularly checked, and are they working properly, and are they being replaced when damage or erosion is discovered?	yes	no
30	Is there isolation on the connectors of the lengthening cables?	yes	no
31	When the welded part is fixed and there is a fire hazard adjacent to it, are there heat isolators and isolators for stopping sparks?	yes	no
32	Are there appointed "fire watchers", while welding or cutting operations are being conducted in places where there is real danger for igniting fire?	yes	no
33	Is a flammable floor wetted with water, or covered with damp sand, or protected by a fire prevention cover, while conducting the welding/cutting operations?	yes	no
34	While welding on metal walls – are the safety measures being taken in order to prevent fire on the other side of the wall?	yes	no
35	When starting with the "hot" work, are the used barrels and tanks carefully cleaned, so any material that might explode, combust or create toxic fume not remain in them?	yes	no
36	Are welding masks, eyes protectors, gloves and goggles required be use according to regulations?	yes	no
37	Is the staff, subjected to the risks of welding, cutting or soldering actions, equipped with the proper clothing and the personal protective equipment?	yes	no
38	Is a ventilation check conducted while welding or cutting actions are being done?	yes	no
39	During welding in a closed space, is monitoring action being conducted, are there measures that ensure a rapid evacuation of the welders in case of danger?	yes	no