

SAFE WORK PRACTICE

TITLE	Use Of Fire Hydrants
GENERAL	Protecting workers from injuries associated with the operation of fire hydrants
APPLICATION	The use of fire hydrants is an integral part of road building industry
PROTECTIVE MECHANISMS	Safe work procedures Manufacturer specifications Permit system PPE ERP (Emergency Response Plan)
SELECTION AND USE	As per safe work procedure Manufacturer specifications
SUPERVISOR RESPONSIBILITY	Supervisors are responsible to facilitate and/or provide proper instruction to their workers on protection requirements and training Work site hazard assessment
WORKER RESPONSIBILITY	<ol style="list-style-type: none"> 1. Park your apparatus/ vehicle to protect the work crews. 2. Use traffic cones if required. 3. Perform a visual inspection of the fire hydrant, before working on it. 4. Ensure the hydrant is shut off, "before" removing the port cap(s). 5. Position yourself to the side, away from the port cap(s) when removing them. Never position your head near any of the port caps. 6. Remove the port cap(s) "slowly". 7. Remove all port caps, check the threads and ensure each port cap has a rubber gasket. 8. Reposition and tighten all unused port caps, attach the hose and gate valve to the desired discharge port and tighten it "before" opening the hydrant. 9. Attach a water control device to the hose line "before" opening the hydrant. 10. When using a Fire Hydrant, open the hydrant "slowly" and "fully". 11. Never straddle or step over a hose when it is "charged" with water under pressure. 12. After use, close the hydrant "slowly" and "fully". 13. Remove the pressure from the hose by opening the water control device. 14. Check to confirm the hydrant is draining properly by placing your bare hand over the discharge port. You should feel suction. 15. Do not reapply the port cap to this discharge port until there is no longer any suction and the water level "inside the hydrant barrel" has been checked with a weighted string.

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