

SAFE WORK PRACTICE

TITLE	Thawing of Frozen Ground Using Artificial Heating Methods
GENERAL	Protecting workers from injuries associated with using artificial heating methods
APPLICATION	Thawing frozen ground using artificial heating methods must be closely monitored to prevent any incidents of fire, explosion or excessive heating.
PROTECTIVE MECHANISMS	Safe work procedure Environmental legislation Barricades and warning signs PPE Permit system (from local Fire Dept. or Client if necessary) ERP (Emergency Response Plan)
SELECTION AND USE	As per safe work procedure Provincial OH&S Legislation
SUPERVISOR RESPONSIBILITY	Supervisors are responsible to facilitate and/or provide proper instruction to their workers on protection requirements and training Hazard Assessment Work site inspection Type of heating device
WORKER RESPONSIBILITY	<ol style="list-style-type: none"> 1. Ensure barricades and warning signs are in place. 2. Ensure no presence of flammable items such as wood, plastic, insulation, cardboard, or hydrocarbon products. 3. Ensure no presence of any electrical lines either above or below ground. 4. Ensure no presence of any infrared fire detection devices. 5. Ensure visibility is not restricted for workers and/or vehicles due to smoke and steam. 6. Check steam hose for secure connections and hose punctures. 7. Periodically check the depth of the thawing. 8. Use proper PPE when thawing frozen ground. 9. Follow thawing safe work procedures step by step.

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