



### SAFE WORK PRACTICE

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

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