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## Safe Work Practice

Name of Job: <b>Thawing of Frozen Ground          Using Artificial Heating          Methods</b>	Development Date: <b>February 24<sup>th</sup>, 2011</b>	Developed By: <b>CSNS</b>
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### Possible Hazards Present

<b>Environment</b> Extreme temperatures when working outdoors.	<b>Cave -in</b> Risk of eye injury from flying particles.	<b>Contact with bacteria</b> Working at heights	<b>Slips ,Trips ,Falls</b> Use of various machinery and tools.
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### Personal Protective Equipment (PPE) and Devices Recommended

<b>Head protection</b>	<b>Eye Protection</b>	<b>Foot protection</b>	<b>Hearing Protection</b>
<b>Respirator Equipment</b>	<b>Skin Protection</b>		

#### What are some good general safe work practices?

- **DO** ensure barricades and warning signs are in place.
- **DO** ensure no presence of flammable items such as wood, plastic, insulation, cardboard, or hydrocarbon products.
- **DO** ensure no presence of any electrical lines either above or below ground.
- **DO** ensure no presence of any infrared fire detection devices.
- **DO** ensure visibility is not restricted for workers and/or vehicles due to smoke and steam.
- **DO** check steam hose for secure connections and hose punctures.
- **DO** periodically check the depth of the thawing.
- **DO** use proper PPE when thawing frozen ground.
- **DO** follow thawing safe work procedures step by step.

Please note: This document is for information purposes only as a guide. The safe job procedures (SJP) and safe work practices (SWP) created for your workplace should reflect your organizations processes, equipment and hazards as identified by a hazard analysis. Construction Safety Nova Scotia does not assume responsibility for the use of information in this document. If assistance is needed to complete a SWP and SJP for your organization please contact CSNS member services at [constructionsafetyns.ca](http://constructionsafetyns.ca) or 1.800.971.3888.