



## WINTER SAFETY CHECKLIST – for those with rail tracks

### BEFORE WINTER

Inspect Facility & Track	Completed	Action Taken
Check buildings and structures near the track for blocked drains and gutters		
Check for leaking gutters which may result in icicles		
Check lighting		
Inspect walkways, clearing debris and clutter		
Inspect Track & Structure	Completed	Action Taken
Check for drainage around switch and rails		
Clean all switches, derails, frogs and flangeways		
Clean around and below the switch handle (using a broom)		
Ensure rods are clear and operable		
Ensure flangeways through road crossings are clear of debris		
Inspect Equipment	Completed	Action Taken
Check all gates, locks and movable bridges		
Ensure all snow and ice removal equipment is in good working order		
Ensure you have enough de-icing supplies		
Review Snow Removal Plan	Completed	Action Taken
Ensure your snow removal plan is up to date		
Establish a designated and safe location for removed snow piles		



## DURING WINTER

Inspect Facility & Track	Completed	Action Taken
Inspect walkways, clearing snow and ice		
Inspect Track & Structure	Completed	Action Taken
Ensure switches and derails are clear and operable <ul style="list-style-type: none"> <li>• Ensure they are not frozen and clean out all around them (using shovels and brooms)</li> </ul>		
Ensure rods are clear and operable		
Check and clear flangeways, especially in areas where cars, equipment and even foot traffic may compact the snow and ice		
Inspect Equipment	Completed	Action Taken
Check all gates, locks and movable bridges <ul style="list-style-type: none"> <li>• Ensure rail crews can easily operate</li> </ul>		
Remove snow from gates, clear walkways and tracks		
Ensure railcars on site are clear of built-up ice and snow		
Review Snow Removal Plan	Completed	Action Taken
Remove any snow piles that could interfere with visibility and rail vehicle traffic <ul style="list-style-type: none"> <li>• Should be placed at least 6 feet away from tracks and crossings</li> <li>• Do not pile snow in such a manner that it restricts visibility</li> </ul>		
Plow snow away from any track structure or equipment that is necessary to maintaining switching operations within your plant		



## Walking Conditions

Injuries occur every year due to employees slipping and falling in winter conditions. Ensure icy walkways, particularly trackside, are sanded and/or salted.

### DO



### DON'T



## **DON'T**

All debris must be removed. The image below shows potential tripping hazard for conductors walking along the train.



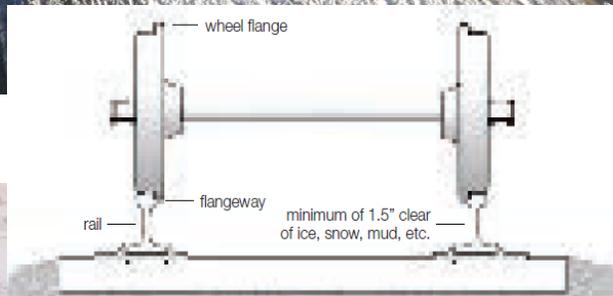
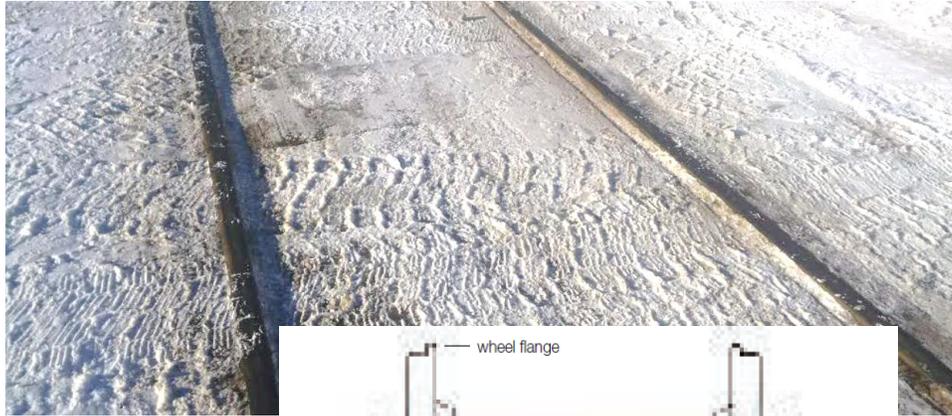
## **DON'T**

6 feet (1.83 metres) clearance is required along tracks. The image below shows old tracks on the right. These must be removed as they can cause tripping when more snow is covering them.

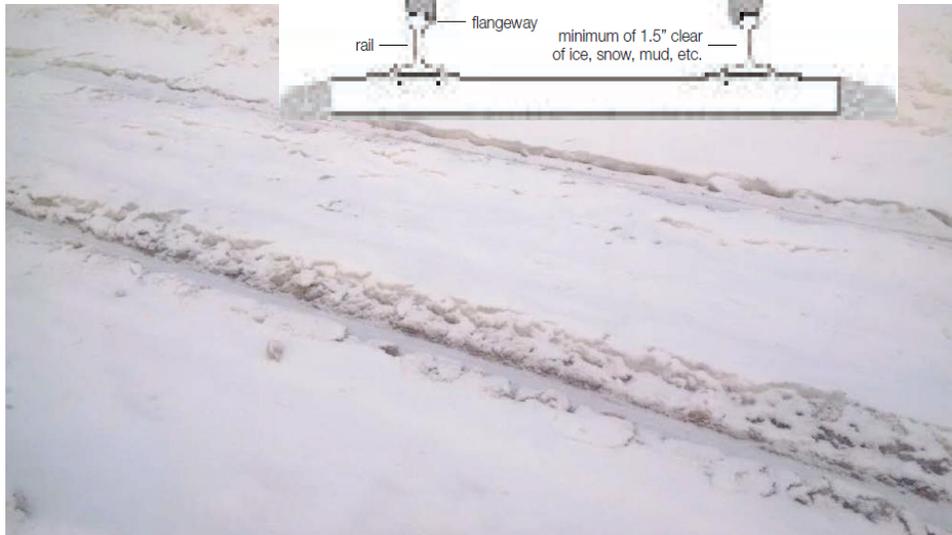


**Flangeways** Be vigilant where flangeways or any trackage might be covered with snow, ice, or other material. Ensure equipment can be operated through flangeway over track.  
At a minimum, flangeways must be cleared to a depth of 1.5”.

**DO**



**DON'T**



**DON'T**

Flangeways need to be clean to receive consistent service. The image below shows compacted dirt and debris at a crossing.



**DON'T**

Flangeways need to be cleaned or will lead to frozen areas that can result in derailments. The image below shows embedded in chips/dirt/debris.



## DON'T

Attention must be paid to rail ties as well. The image below shows ties submerged and covered by mud/water.



## DON'T

A minimum on 1.5" clearance are required under flangeways. The image below requires more clearance. Use a hovel/chisel to focus on the area next to the rail.





## **Derails**

Derails can become buried under snow and must be cleared so train crews can find them. All derails must be properly identified by a sign (as pictured).

**DO**



**DON'T**



## **DON'T**

Derails must be properly positioned below the rail. The image below shows one that is too high, where it could possibly puncture a locomotive's oil tank.



## **DON'T**

The gap between switch points needs to remain clean at all times. The image shows one that needs to be flush or can lead to a derailment.

