

Task Risk Control Sheet

Use of Panpuller / Remove Frozen Clips

RCS No: NR/L3/MTC/RCS0216/TK49
Issue: 3

Key Risks !

- Faulty Equipment
- Slips
- Back Injury

Personnel Involved

E&P	
S&T	
Track	✓
Off Track	
Property	

Tools / Equipment Panpullers

Plant None

Key Risks	Controls	Implemented By
Faulty Equipment – Pre use checks	• The hook shall be checked against the wear gauge at periods of 6 months	Line Manager
	• The tool shall be checked for damage before use	All Staff
Slips	• Hook shall be placed over front arch of clip and the foot of the panpuller shall be on the edge of the housing before applying pressure	All Staff Team Leader
Back injury	- Adopt correct stance whilst pulling the clips from the fastenings. Both legs apart on the ballast on the same side of the rail as the clip. Both hands shall be placed on the handle so feet are not liable to slip. - To insert a clip, the handle shall be pulled towards the chest until resistance stops any further movement. - To remove a clip, the panpuller shall be pulled towards the body until clip is removed	All Staff / Team Leader
Damage to tools & infrastructure	• Before inserting a clip check that insulators are correctly seated between the rail foot and pandrol housing.	
FROZEN CLIPS		
Back Injury	- If excessive force is required to remove a clip the following methods may be utilised - Use of Cembre Declipping machine - Use of Pandrol Rusty Clip Extractor - Use of Factair Impact tool - Use of Panther Declipping - If none of the above methods can release the clip then it is permissible to use a hammer as a last resort	Line Manager All Staff
Struck by Flying Clips	- If hammers are being used to remove clips the following control measures shall be in place - Staff performing the operation with the hammer shall wear full face protection and eye protection to BS EN166 1.B in addition to normal PPE - Controlled blows shall be used to reduce the risk of a clip “flying” from its housing and ricocheting back to strike the user - A foot shall be placed against the pandrol clip to prevent it flying off when released from housing - An exclusion zone of 20m shall be set up	All Staff COSS Team Leader
Damage to tools & infrastructure	• Do not repeatedly hammer seized clips as this may cause the sleeper to shatter or baseplate to fracture	All Staff COSS Team Leader

NR/L3/MTC/RCS0216/SP26



Documents

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Document Sharing Hub

Task Risk Control Sheet

TRCS SP32 - Use of Hydraulic Power Pack.doc - Microsoft Word

Fastenings Heron 20.03.03 .pdf (SECURED) - Adobe Reader

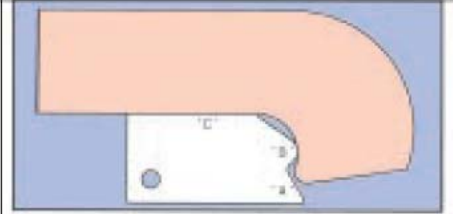
will not be damaged by insertion process.

A Pansetter is used to centralise the rail and to lift the sleeper before installing a clip.

The centre leg of the Pandrol should be placed into the fastening shoulder. The Panpuller hook should be placed onto the fastening and the foot of the Panpuller behind the clip housing ensuring that both are seated correctly before applying pressure.

The correct stance should be adopted this is done by placing both legs apart, one in front of the other, on the ballast on the same side of the rail and placing both hands on the handle of the Panpuller ensuring that the feet are not liable to slip on loose ballast or other debris.

The handle is pulled towards the chest until refusal, this is the correct position of the fastening and no attempt should be made to over tension the fastening as this will reduce the effectiveness of the fastening assembly.





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PPE Required by NR / Maintenance Policy



Wear Head Protection



Wear Foot Protection



Wear Hi Visibility Clothing



Wear Safety glasses to BS EN166.F

If safety glasses introduce a risk (ie weather conditions) then the Team Leader shall assess the risk. The outcome of the assessment shall be recorded on the SSOWPS pack and safety glasses may be removed. **This does not supersede the requirements for eye protection detailed on relevant Task Risk Control Sheets.**

Additional PPE Required by Task Risk Control Sheet



Wear Hand Protection



Wear Face Shield