

Use of Reclaimed Sleeper Plates

Applicability

ARTC Network Wide		Western Jurisdiction		New South Wales	✓	Victoria	
-------------------	--	----------------------	--	-----------------	---	----------	--

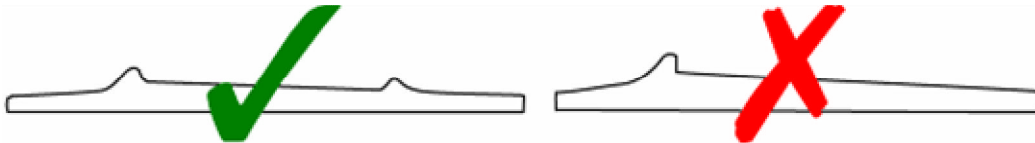
Audience	Main Points	Change History
Corridor/Delivery Managers Team Managers Work Group Leaders Project Delivery Engineers Engineering Compliance Managers	Not all recovered sleeper plates are suitable for re-use Check for warping or damage Check for cracking Check for wear on rail seat and lock and dogspike holes	Amended version of RailCorp CTN 04/17

THIS INSTRUCTION INCLUDES MANDATORY REQUIREMENTS

Reclaimed sleeper plates MUST meet the following requirements for acceptance and re-use on ARTC's track (main line and sidings).

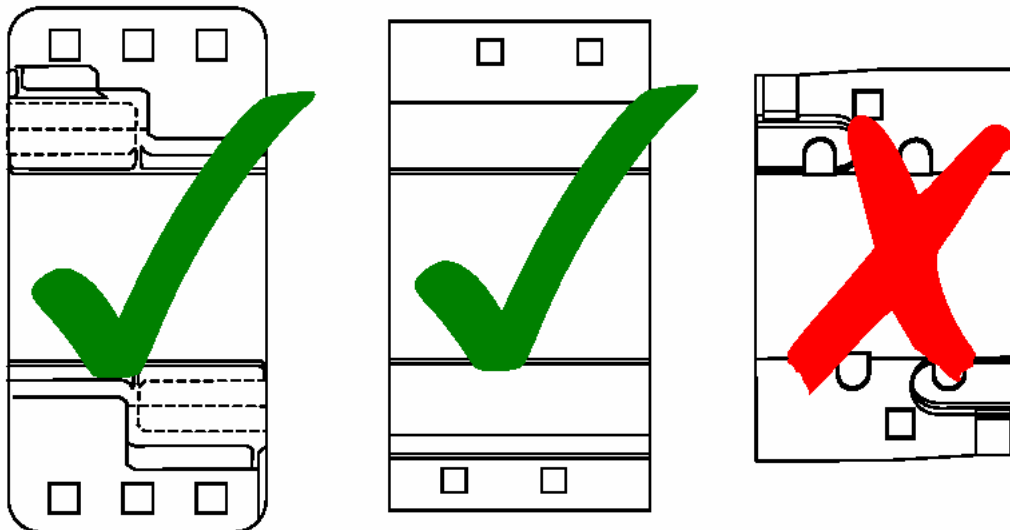
Sleeper plates with dogspike holes

- Only double shouldered sleeper plates may be re-used.



Sleeper plates for Pandrol fastenings

- DO NOT use reformed plates



- DO NOT use any sleeper plates with evidence of excessive corrosion, notch marks or oxyacetylene burn marks on the rail seat, shoulder or at spike holes.

Issued by	Date
John Cowie, Manager Standards	08 May 2007

- Check that the shoulders are not worn to a sharp edge. General wear is acceptable.
- Check that the plate is not cracked.
- Use a straight edge to check that plate underside concavity, convexity or unevenness is not greater than 1mm. This includes worn ridges on the underside of the sleeper plate.
- Use a Go - NoGo gauge to check for the following dimensions.
 - The lockspike holes shall be no wider than 19 mm at bottom surface.
 - The dogspike holes shall be not wider than 25.5 mm at bottom surface.
 - The rail seat width, when tested by a 150 mm gauge, shall fit with a tolerance of 1 mm. This will be demonstrated by inserting the gauge squarely between the shoulders and "wriggling the gauge". Only slight wriggling is acceptable.

The Go - NoGo gauge has been developed by the Logistics Group of Commercial Division and is shown in the attached photos.



Acceptable rail seat



Acceptable dogspike hole



Acceptable lockspike hole