

# Cracks in 53kg/m Switches

## Applicability

ARTC Network Wide	✓	Western Jurisdiction		New South Wales		Victoria	
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Audience	Main Points	Amendment Record
KK Operators Team Managers Team Leaders Inspection Staff	Cracks have been found in switches Patrol staff to check switches Other inspection staff to check also Any cracks to be reported to Delivery Manager	Based on RailCorp CTN 08/04 – copied with their permission

Cracks have been found in 53kg/m switches running along the switch between the foot and web of the rail. The crack should be easily visible and there may also be rust marks.



Patrol staff are to check 53kg/m switches for any similar cracking during their regular inspections. Even after checking once, patrollers should continue to be vigilant for this problem.

Staff involved in other inspections at turnouts should also be on the lookout for cracking running along the switches in the foot area.

Any defects should be dealt with in accordance with current standards. Details should also be reported to the Delivery Manager.

Special inspection is not required for 60kg/m undercut or tangential switches as these are of a different design.

Investigations into the nature of the problem are underway and further advice on this matter will follow.

<b>Issued by</b>	<b>Date</b>
John Furness, Manager Standards	05 May 2008