

TO	Network Wide
FROM	Acting General Manager Technical Standards
DATE	22 February 2022
SUBJECT	Track and Civil Code of Practice – Section 1 – Vertical Split Web Defects – Technical Note
REFERENCE	ETN-01-08 - Technical Note - Vertical Split Web Defects v1.0

References

ARTC CoP Section 1 Rail

Background

Section 1 was updated to include the defect responses from both ETM-01-04 and ETG-01-02 to create a standard national set of internal rail defect criteria.

As part of the update Vertical Split Web (VSW) defects were erroneously given the same response timeframes as Piped Rail (PR). This error was not picked up during the consultation and workshops.

Scope

The extract in this document shall supersede the responses in Table 1-15 until this technical note is removed.

Extract of Table 0-1: Rail defect management non-heavy haul

TYPE OF DEFECT	CODE	SIZE DEFINITION		IMMEDIATE SPEED RESTRICTION (KM/H) UNTIL MINIMUM ACTION TAKEN	MINIMUM ACTION BY TRACK CONFIGURATION				OTHER ACTIONS
		SIZE	MEASUREMENT		CURVE ≤600M RADIUS		CURVE >600M RADIUS & TANGENT		
					MINIMUM ACTION	RESPONSE TIME	MINIMUM ACTION	RESPONSE TIME	
11 Vertical Split Web (longitudinal)	VSW	S	Any registration in one rail length	-	Remove	6 Months	Remove	6 Months	If any visible cracking action as large defect. If piped rail, then replace full rail length weld to weld.
		S	25 to 150mm	-	Remove	28 days	Remove	28 days	
	PR (If piped)	M	151 to 300mm	-	Remove	7 days	Remove	7 days	
		L	over 300mm	10	Monitor after each train until removal. Stop trains if necessary.				