

PANDROL RE SYSTEM



INSTALLATION REFERENCE LIST

Date	Authority	Location	Build	Method	Clipping up type	Type of Sleeper	Track Gauge	Clip Type	Sleeper Sets	Rail	Speed	Minimum Curve Radius	CANT	Comment	
April 2011	Network Rail	Bawtry Curve	Re-rail	Mcculloch Rail Threader	Handtools	F27	1432mm	RE1609	360	56E1	125 mph	3000 m	150 mm	Site attendance during installation no problems with SPI or toe insulators coming off.	
June 2011	Babcock Rail	Spittal Junction	Loose sleeper relay	Mcculloch Rail Threader	Handtools	F27	1432mm	RE1609	100	56E1	40 mph	Tangent	N/A	Site attendance during installation no problems with SPI or toe insulators coming off. Toe load tests carried out at this site.	
March 2012	Balfour Beatty	Sparkford	NTC Machine	NTC Machine	Handtools	F24	1432mm	RE1609	4500	56E1	70 mph	3500 m	20 mm	20% of toe Insulators off during unclipping and clipping up. Damage to side posts by the NTC machine.	
April 2012	Babcock Rail	High Ferry XING (LINKS)	Re-rail	Mcculloch Rail Threader	Handtools	F27	1432mm	RE1609	360	56E1				No reported problems with SPI or toe insulators off.	
April 2012	Network Rail	Carlisle	Re-rail	Mcculloch Rail Threader	Handtools	F27	1432mm	RE1609	249	56E1				No reported problems with SPI or toe insulators off.	
May 2012	Network Rail	Micheldever	Re-rail	Mcculloch Rail Threader	Handtools	F23 3R	1432mm	RE1609	2200	56E1	100 mph	3000 m	50 mm	Toe Insulators off in bags(not substantiated) Pads flattened by packaging. 1.3% of Toe insulators off during unclipping and clipping up. 1 No. SPI crushed after rail lowered from VSRs	
August 2012	Babcock Rail	Dagdale	Loose sleeper relay	Road Railer	Cembre	F27	1432mm	RE1609	1320	56E1	70 mph	Tangent	N/A	Site attendance during installation and desstress. 30% of toe insulators during clipping up after installation. Improved detent toes tried none off with h/tools or Cembre. Spragged clips	
October 2012	Network Rail	Byfleet ad New Haw STN	Re-rail	Mcculloch Rail Threader	Handtools	EF28	1432mm	RE1609	1056	56E1	50 mph	700 m	150 mm	Site Attendance during installation	
March 2014	Network Rail	Patcham	Re-rail	Road Railer	Handtools	F24	1432mm	RE1609	1802	56E1	90 mph	1100 m	75 mm	Site attendance during installation. Re-railing of this site planned for two weekend possions, completed in one weekend.	
Total									11947						