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Approved **PA05 - 05982**

RSS Magnetically Attached Safety TSR Board is a patented system and meets the safety requirements of the European standard EN 13374.



RAIL SAFETY SYSTEMS

WORK SAFE.SAVE TIME

How does the Magnetically Attached Temporary Speed Restriction Board work?

Erecting the system is a matter of a few steps:

- ❖ Click the stanchion using the magnet into the web of the rail
- ❖ Repeat the steps above with additional TSR Boards until the entire length of the working area has been secured

Dismantle in reverse:

The Magnetic Safety Barrier when working on the track

Employees that perform engineering work on the track must be able to work in total safety. The workforce needs to alert Train Drivers to reduce speeds in the area being worked on to protect them from trains are still running.

- ❖ The RSS Railway Safety System has been tested by HHC/DRS Inspecties B.V. and certified to EN 13374 (Class A), the industry directive RLN0077-V004 July 2010 and the Health & Safety regulation 3.16 of The Netherlands Ministry of Social Affairs & Employment
- ❖ The magnet is very strong (tensile force up to 600 Kg/N) and cannot be pulled off
- ❖ Easy dismantling with one arm movement, using the patented head attachment ~the RSS TSR Board can be erected in seconds (within a safe system of work in a Line Blockage).
- ❖ Stanchions made of high-quality galvanized steel and aluminium

Benefits of the Magnetically Attached TSR Board

The RSS Railway Safety System consists of only two components

- ❖ The RSS Railway Safety System has been tested by HHC/DRS Inspecties B.V. and **certified to EN 13374 (Class A)**, and is **approved by Network Rail PA05**
- ❖ **No loose components, No tools** needed
- ❖ **No danger of damaging underground signalling cables**
- ❖ **Allows tamping & ballast cleaning** to continue whilst in-situ
- ❖ Very **strong magnet** (tensile force up to 600 Kg/N)
- ❖ **Easy dismantling** with one arm movement
- ❖ **Does NOT affect track circuits or Axle counters**
- ❖ **Can be used in areas with S & C**
- ❖ **Safe to use**, with no **hazardous pathogens or 'Silica Ballast Dust'** generated.
- ❖ **Safe and fast assembly/disassembly**, with a simple magnetic attachment to the web of the rail, with **no removal or replacement of ballast** and thus a **major saving in working and possession costs** (within a Safe System of work can be erected in a line-blockage – 100m/15mins)
- ❖ Can be **used in freezing temperatures** (to -20°C) with **frozen ballast** or in **high temperatures** (to +80°C) when **'track distortion'** is an issue.



The patented **Magnetically Attached TSR Board is easy to use and will therefore, be used!**

Magnetic Safety Barrier wins Rail-Tech Europe Innovation Award 2011

At the Rail-Tech Europe 2011 trade fair in Amersfoort, RSS B.V. won the **European Innovation Gold Award** - Sustainable fence system with magnet voted most innovative product presented to Mr Jan Bakker, CEO of Rail Safety Systems (RSS) in Venlo.



The RSS Safety Barrier also won two awards at Railtex 2013:
Best Product contributing to Health and Safety
Best Track and Infrastructure Maintenance Product

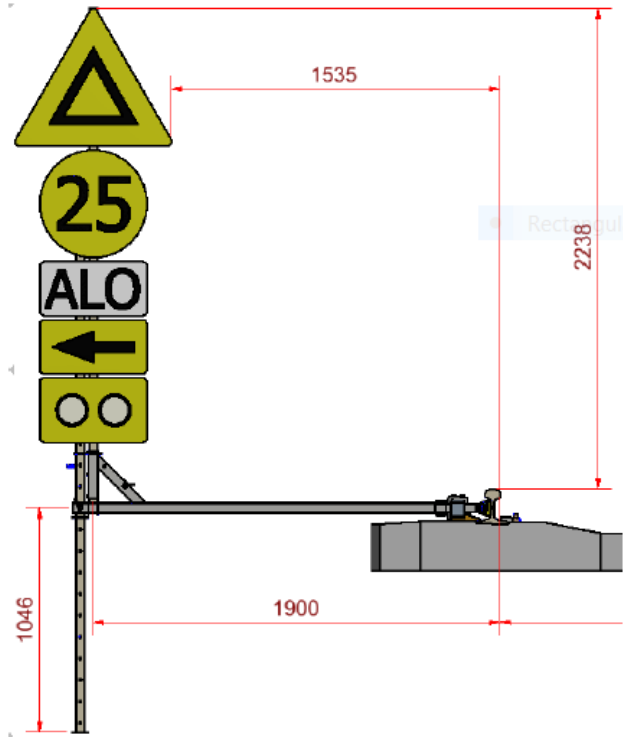


Stainless Steel Locking Mechanism – prevents theft/unauthorised removal

Shows two Magnets in web of rail.



Shows Bi-directional TSR Board - lays flat for ease of transportation.



Main TSR system Ireland dimensions.



All Aluminium Stanchion holding two signs for 'bi-directional' working lines.

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