

# External Track and Signalling Facility

*'A realistic, safe and versatile training environment for the rail industry'*

- A convenient and accessible facility for rail companies - centrally located in York, with close proximity to York main line railway station
- Available for hire on a daily or hourly basis (minimum 2 hrs)
- Provides the capability to simulate real track and signalling operations
- Access to the main line / rail network
- Ideal for a multitude of training and demonstration purposes e.g. incident training, track safety, track and signal engineering, small plant and OTM (on track machines), traction and rolling stock etc
- Includes a large well equipped REB (Re-locatable Equipment Box) accommodating up to a group of 12 for training or demonstration purposes

Combined with the full range of training facilities and resources at the YRA, which includes 5 training rooms, an engineering laboratory and ICT suite, this facility will appeal to a wide range of rail companies including engineering contractors and consultants, train operators, rail suppliers and manufacturers.

**If you are a rail training company, you may be particularly interested in having the benefit of access to such a well placed and purpose built training facility.**

*'A dedicated facility for the rail industry constructed and equipped to Network Rail track induction standard'*

## Track Specification

- 60m of main track with a 22m crossover
- Access to the main line / rail network
- Configured with a range of track, points and signalling equipment
- BV8 Crossover
- Plain line track consisting of various track forms (rails, sleepers, clips, bolts)

## Re-locatable Equipment Room (REB)

- 8.4m long, 2.4m wide, 2.9m high
- Mosaic Signalling Control Panel
- 3 Power Locations
- 2 Signal Locations
- TI21 Track Circuit
- Conventional free-wired signalling incorporating a range of relays.

## Signalling Equipment

- AWS
- Three Aspect Signal
- Two Aspect signal
- TPWS
- HW Points Machine with Backdrive in 4ft
- MK 2 Clamp Locks with Backdrive in 4ft
- 1 x Fibre Optic Theatre Route Indicator and 1 x Stencil Fibre Optic miniature indicator mounted on YRA 102 Signal.
- 2 x 1 aspect GPLS mounted on the main signal posts
- 1 x 2 aspect GPL ground mounted (502 )
- Various Track Circuits, Standard DC, Low Voltage DC, AC and TI21 Track Circuit

**Please Note:** Because of the size of the layout, and the inclusion of different types of track circuit etc to enable the diversity of equipment for training purposes, the system cannot be classed as fully compliant to NR standards.

## Contact the Customer Services Team

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