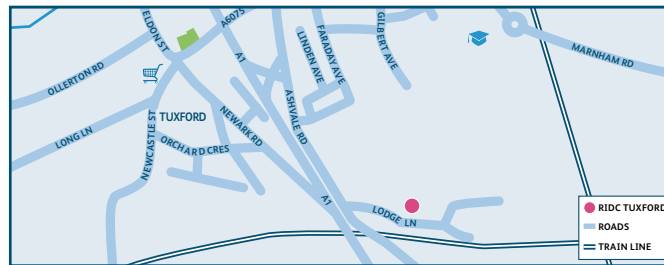


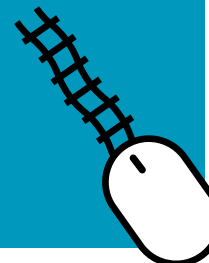
**RIDC Melton**  
Unit F, Melton Commercial Park  
Welby Road  
Melton Mowbray  
Leicestershire  
LE14 3JL



**RIDC Tuxford**  
Lodge Lane Industrial Estate  
Lodge Lane  
Tuxford  
Nottinghamshire  
NG22 0NL

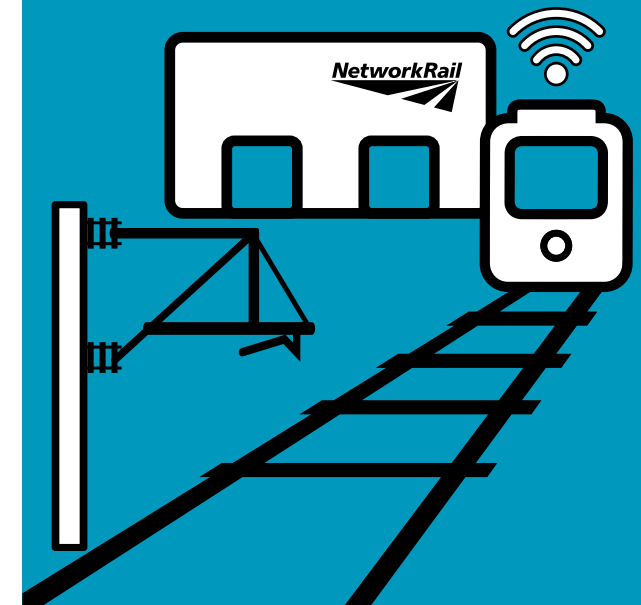
## Contact

Website: [www.networkrail.co.uk/RIDC](http://www.networkrail.co.uk/RIDC)



# Rail Innovation & Development Centres (RIDC)

Enabling the railway of the future



## Who Are We?

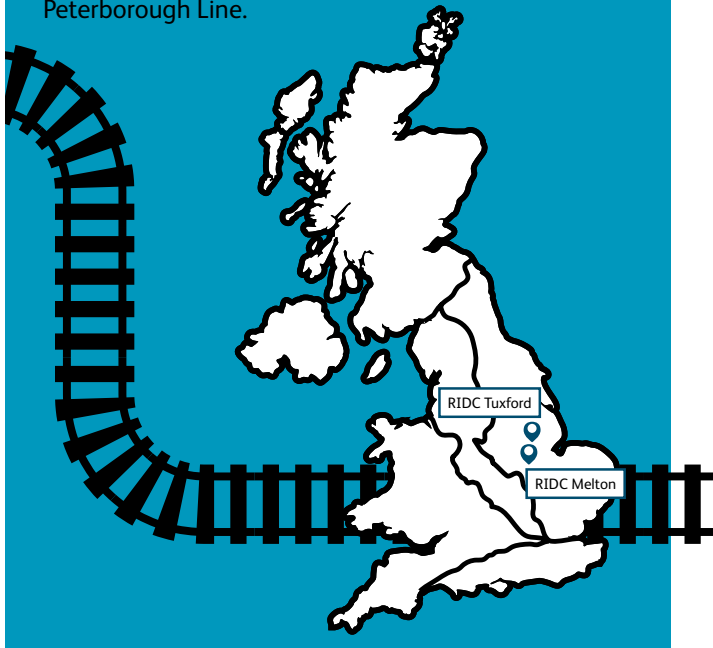
Network Rail owns and operates RIDC Melton and RIDC Tuxford. These two strategically important facilities provide a safe and reliable operational environment for the testing of new and modified rolling stock, plant, on-track machines, infrastructure, equipment, and technology.

The RIDC Team prides itself on working collaboratively to enable your testing and trialling requirements. The RIDC's are truly representative of the operational railway and include many characteristics found on the national network.

## Where Are We?

**RIDC Tuxford** is located at Tuxford in Nottinghamshire. It is accessed off the Robin Hood Line.

**RIDC Melton** is located near Melton Mowbray in Leicestershire. It is accessed off the Leicester to Peterborough Line.



## RIDC Melton

RIDC Melton is a purpose-built testing and trialling facility. It has been designed to support high and low speed testing of rolling stock, advanced signalling, infrastructure and equipment, telecommunications systems, new and modified technology trials, and enabling verification and validation activities.

### Facilities:

- 13 mile high speed test track up to 125mph
- 4 mile low speed test track up to 60mph
- Depot with 4 workshop roads, 1 is fully pitted and 1 has lifting and jacking equipment
- Working at height equipment
- 415V shore supply
- Stabling
- Dedicated office and welfare facilities
- Ability to change infrastructure characteristics to support testing requirements

### Capabilities:

- European Train Control System (ETCS)
- 25kV AC Overhead Line Equipment
- 630V DC 3<sup>rd</sup> / 4<sup>th</sup> rail
- Certified acoustic noise test site
- Maximum over cant deficiency
- Brake performance validation
- Wheel slip protection and adhesion testing
- Single/dual pantograph testing
- Rolling stock rescue and recovery
- Aerodynamic pressure pulse testing in tunnels
- GSM-R voice and data
- 5G telecommunications test bed



## RIDC Tuxford

RIDC Tuxford is a facility suited to testing and validation of rolling stock, large and small plant, on-track machines, biodiversity trials, technology trials, filming, and delivery of operator training and competence assessments.

### Facilities:

- 10.5 mile test track up to 75mph, 3 miles of which is double track
- Dedicated office and welfare facilities
- Sidings
- Shed
- Stabling
- Ability to change infrastructure characteristics to support testing requirements

### Capabilities:

- Dummy Overhead Line Equipment
- Dummy 3<sup>rd</sup>/4<sup>th</sup> rail
- RIS-1530 test facility
- Adhesion testing
- Brake performance testing
- Wheel slip protection testing
- Drainage test facility
- Road Rail Access Points (RRAP)
- Platform

