

Recognition of Rail Flaws

COURSE AIMS

This course is intended to provide a delegate with the relevant knowledge in the types of rail defects and how they should be dealt with.

LEARNING OBJECTIVES

At the end of this course the delegates will: -

- Be able to identify the different types of visible rail defects
- Be aware of the relevant Railway Group Standards and Network Rail Company Standards relating to RCF (Rolling Contact Fatigue)
- Be able to identify and clarify RFC
- Be aware of the types of Non Destructive Tests (NDT) used to identify defects in the rail

COURSE DURATION

One day.

PRE-REQUISITES

There are no particular educational or competence pre-requisites for the course. However, the following factors will be of benefit to the delegate: -

- Prior experience of working on the Permanent Way
- A clear understanding of the track construction and its reaction under dynamic load.

PERSONAL PROTECTIVE EQUIPMENT

This course requires the delegate to be on or near the running line and therefore, he/she MUST be in possession of:-

- Valid P. T. S. Card
- Protective "all orange" High Visibility Clothing to BS EN 471:2003
- Safety Footwear to BS EN ISO 20345:2004
- Safety Helmet (white/blue) to BS EN 397:1995
- General Purpose Gloves to BS EN388:2121

CERTIFICATION

A Certificate of Attendance will be issued to the delegate on completion of the course.