

# On-Train Data Recording Training

## Overview

This training programme is designed to improve the use and understanding of On-Train Data Recorder (OTDR) systems used within a given company.

**AssesTech** will customise the training for the specific OTDR system in use and also to meet local company standards.

## Booking Your Course

To book an On-Train Data Recording training course or to enquire for further information, please contact [bookings@assesstech.com](mailto:bookings@assesstech.com), where a member of the **AssesTech** team will be happy to assist.

## Download Page as a PDF

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## Pre-requisites

The programme is suitable for competent Driver Managers, Instructors and Assessors that need to use OTDR systems as part of training and assessing Drivers or investigating incidents.

## What's covered in the training

Each training course is directed at one specific OTDR system (e.g. Hassler, Arrowvale, etc.) and is comprised of the following:

- A one-day trainer-led course covering all underpinning knowledge and practical application
- An online course to be used as a refresher and containing an optional competence test

The programme will be customised for the specific OTDR system in use and also to meet local company standards. As such, **AssesTech** will need the following from the customer:

- Example downloads from the OTDR system in use, in line with the elements and scenarios to be covered in training
- Copies of Operational Standards relating to Assessment and Investigation, using OTDR systems

## Qualification

There is no formal qualification associated with this course, however, coursework will be marked and an **AssesTech** Certificate of Completion will be issued to those successfully completing all work.

## Programme Delivery

### Trainer-led Course

The course is delivered as one day of classroom training as follows:

- Located at a depot or station with trains that have suitable turnaround times, and the appropriate OTDR systems installed
- Recommended limit of four candidates, with a hard maximum of six (because the course will be highly hands-on and require a lot of 1-1 attention from the trainer)

This day covers the following OTDR topics:

- Introduction
- Hardware and software overview, including how to install software (if required) and how to navigate around the system
- Obtaining a download - classroom demonstration, followed by a practical session on the train
- Uploading a download to the laptop

- Interpreting and understanding the data
- Elements to consider for an assessment, using real examples, and completing checklists during a practical session:
  - o Train handling, speeds, braking, reactions to in cab indications, wheel slide, responding to others, degraded working
  - o Creating an overview of the journey
  - o Focusing on key events isolations
  - o Opening and closing the cab
  - o Use of the DRA
- Elements to consider when conducting an investigation, using real examples, and completing checklists and timelines during a practical session
  - o Detailed location of train, times, mileage, signal aspects, signal numbers
  - o Creating your timeline.
  - o Creating an overview of the journey
- Storing of assessment and investigation evidence

The following will also be covered on the course:

- How to find online learning resources, including how to use [AssessBook](#)
- Completion of the online competence test (optional)

### **Online Course**

The Online Learning will look like this:

- OTDR Overview Course
  - o Slideshow covering the content from the trainer-led course
  - o Competence tests (quizzes) so candidates can test their own knowledge
- Specific content relating to the OTDR system relevant to the candidate

Candidates will be registered on to an [AssessBook](#) course in order to gain access to the above.