

Tier IV Diagnostics Training (Module 3)

Course Overview

With new technologies such as high temperature regeneration and Nox Reduction Systems (NRS) being used on the latest range of engines from Perkins, diagnostics training is essential to provide the technician with the knowledge and confidence to provide effective repair, right first time.

During this course students learning will be heavily focussed around working on running engines with replicated faults and utilising the Electronic Service Tool (EST) together with the appropriate service literature to learn how to correctly diagnose engines within the Tier IV range.

Pre-requisite

Persons wishing to attend this course should first complete courses:-

- . PT62 - Electronically Controlled Engines
- . PT31 - 1100D Series Mechanical/Electrical
- . Tier IV Module 1 - located under Distance Learning on www.perkins.com, product support>perkins product training>course information>Distance Learning.
- . TPD1745 - Tier IV Interim (Module 2) - located under Distance Learning on www.perkins.com, product support>perkins product training>course information>Distance Learning.
- . TPD1811 - 850E Series Introduction - located under Distance Learning on www.perkins.com, product support>perkins product training>course information>Distance Learning.
- . TPD1821 - 400F Series Introduction - located under Distance learning on www.perkins.com, product support>perkins product training>course information>Distance Learning.

Course Objectives

Upon completion of the course the participants will be able to -

- Diagnose faults related to the Nox Reduction System (NRS) and Aftertreatment
 - Use a Clamp-on Multi-Meter
 - Use the additional features within the Electronic Service Tool (EST)
 - Use the Trouble Shooting Guide to assist in fault finding.

Course Outline

- Revision of Tier IV technology
- EST additions in support of Tier IV
 - Use of Service Literature
 - Tier IV related fault diagnosis

Course Duration

3 Days

Course Location

Peterborough

Course Code

PT38