



CC2 Tier4 4-8 Liter

Version: 12.0.0

After completing this one day course, the student will have gained a basic understanding of the T/C/D4.1, 6.1, and 7.8 diesel engines developed by DEUTZ AG. This includes the use of relevant service tools, troubleshooting, and repair techniques which are reinforced through theory and hands-on instruction.

Day 1

- **Prerequisites**
 - Obtaining engine datasheets
 - Obtaining literature
 - Obtaining wiring schematics
 - Obtaining job cards
 - Obtaining Serdia 2010
- **Operating Liquids**
 - Coolant requirements
 - Lube oil requirements
 - Fuel requirements
 - DEF requirements
- **Fuel system**
 - System overview
 - Component function
 - Troubleshooting

- **Exhaust Gas Recirculation (EGR)**
 - System overview
 - Troubleshooting
- **Diesel Particulate Filter (DPF)**
 - Soot load
 - Ash load
 - Regeneration Overview
 - CRT regeneration
 - Burner regeneration
 - Troubleshooting
- **Selective Catalytic Reduction (SCR)**
 - Diesel exhaust fluid
 - System overview
 - Troubleshooting
- **Hands-on**
 - Serdia 2010
- **Post test**
 - Test review