

HGV air brakes



Who should attend

Delegates who require in-depth knowledge of refresher training in air brakes systems.

Benefits of basic and advanced air brake courses

- Enhanced confidence for workshop staff.
- Knowledge of the dangers of incorrect valve set up.
- Understanding of tractor/trailer compatibility.

Basic air brakes (2 days)

This course is designed to give a clear understanding of basic air brake systems and their associated components.

- Braking definitions
- Summary of EEC directives
- Theory and purpose of braking
- Brake test report diagnostics
- Study of compression and storage
- Indication and warning
- Actuation
- Compatibility

Advanced air brakes course (1 day)

A study of advanced air brake systems for students who have attended the basic air brakes course or have a sound working knowledge of air braking systems.

- International Standards Organisation (ISO)
- ABS systems
- Traction control
- Trailer control and predominance systems
- Weight transfer
- Advanced hand brake control
- Air suspension
- Electronic / air systems and future total electronic braking

Air brake performance (1 day)

For delegates who require in depth knowledge of brake performance testing or as a refresher course for HGV fitters/presenters/testers.

- Brake definitions
- Summary of EEC directives
- Theory and purpose of brake testing

Training at your premises

Facilities required

Classroom:

- LCD projector & screen
- TV & DVD player
- Flipchart or white board

Workshop (only required for air brake performance course):

- HGV
- Brake testing equipment

Maximum students 12

Course fee:

1 Day £825 + VAT 2 Day £1650 + VAT

Fee includes:

- Handouts
- Tuition
- Trainer accommodation & travel expenses within UK mainland

Course dates:

For the next available date please contact 0117 954 3359.

- Brake test report diagnostics
- Different methods of calculating brake performance
- The use of a decelerometer

Benefits

- Enhanced confidence of workshop staff.
- Reduced down time through better diagnostics.
- Knowledge of brake calculations using different methods and equipment.