

## Assessment Requirements

### Unit HV07C – Demonstrating Competency in Diagnosing and Rectifying Heavy Vehicle Engine Faults

#### General Requirements

You must:

1. produce evidence to show you meet all of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out on real vehicles in your normal workplace or as defined within the IMI VCQ Assessment Strategy as managed and organised by an approved centre when naturally occurring performance evidence does not occur at frequent intervals in your normal workplace or when safety is at risk.
3. be observed by an assessor as defined in the IMI VCQ Assessment Strategy.
4. produce evidence of diagnosing and rectifying faults occurring in **4 out of the 7\*** engine systems listed, **at least 3** of which must come from work carried out **in your normal workplace**.
5. use a **2 or more** step diagnostic activity
  - engine mechanical components
  - cooling
  - fuel systems
  - engine management system
  - pressure charged induction systems
  - exhaust emission reduction systems
  - heating, and ventilation
6. be observed by your assessor on **at least 2 occasions**, **each** observation covering the diagnosis and rectification of a fault in **different** systems. **Both** of these observations must be carried out **in your normal workplace**.

\*However, you must prove to your assessor that you have the necessary knowledge and understanding to be able to perform competently in respect of faults occurring in all the types of engine systems.

Simulated activity **will be** acceptable to assess candidates' competence in diagnosis and rectification on no more than **1** occasion.