

Open Awards Qualification Unit



This unit forms part of a regulated qualification.

1 Unit Details

Unit Title:	Routine Cooling and Lubrication System Checks
Unit Reference Number:	Y/506/3124
Level:	Entry 3
Credit Value:	2
Minimum GLH:	20

2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Be able to work safely	1.1 Use appropriate Personal Protective Equipment and methods when working on engine cooling and lubrication systems
2. Know about cooling systems	2.1 State why cooling systems are required
	2.2 State the types of cooling systems used
	2.3 Identify the main liquid cooling systems components
	2.4 State what coolant consists of
3. Be able to check a cooling system	3.1 Demonstrate how to correctly check coolant level and top up if required
	3.2 Demonstrate how to check the freezing point of coolant with a hydrometer
	3.3 Check a cooling system for leak
4. Know about engine lubrication systems	4.1 State why lubrication systems are required
	4.2 Identify four lubrication system components
5. Be able to check a lubrication system	5.1 Demonstrate how to correctly check oil levels and top up if required
	5.2 Identify the correct specification of oil from

	technical specifications
	5.3 Check a lubrication system for leaks
6. Know about disposal of harmful substances	6.1 State how to dispose of cooling and lubrication system fluids and components.