



<b>Accreditation Module Title</b>	Emission System - Inspection
<b>Module Code</b>	ATA - AOM - 071
<b>Practical Assessment Time</b>	1.0 hour
<b>On-line Knowledge Test</b>	K - 071
<b>IMI AOM Level</b>	3
<b>Module Overview</b>	<p>This module is to ensure that the candidate has the ability to carry out emission testing on light vehicles fitted with either petrol or diesel engines.</p> <p>The candidate will be able to use the appropriate vehicle and / or equipment manufacturer information to identify the processes / techniques required to test, diagnose and rectify vehicle emission faults.</p>
<b>Candidate Profile</b>	<p>This module is intended for technicians working within maintenance and repair vehicle workshop. The technician must be able to work unsupervised – ideally, they should be in full time employment with at least 3 years experience to ensure they are familiar with the techniques for vehicle servicing, inspection and system(s) diagnosis.</p>
<b>Links with Accreditation Routes and Modules</b>	
This module features in:	
<b>IMI Accreditation Route</b>	<b>IMI Accreditation Level</b>
Light Vehicle Inspection	Technician



Skills Requirements	
The candidate must demonstrate the ability to:	
1.1	Use emission equipment when testing vehicles with a petrol engine
1.2	Use emission equipment when testing vehicles with a diesel engine
1.3	Accurately analyse emission testing data from vehicles with a petrol engine
1.4	Use diagnostic equipment and interpret live data correctly to determine the cause of emission system faults
1.5	Accurately analyse emission testing data from vehicles with a diesel engine vehicles
1.6	Carryout the necessary calibration of emission test equipment prior to testing a vehicle
1.7	Use Personal Protection Equipment (PPE)
1.8	Follow health and safety guidelines
1.9	Work within given time constraints

Knowledge Requirements	
The candidate must indicate a sound knowledge of:	
2.1	Diesel fuel system(s) and the associated components
2.2	Petrol fuel system(s) and the associated components
2.3	Vehicle emission systems, including system components i.e. oxygen sensor
2.4	Engine faults including symptom, effect & cause