

UNIT 4

DIAGNOSTIC AND MAINTENANCE OF THE ENGINE EMISSIONS IN PETROL AND DIESEL ENGINES

COMPETENCE	ASSESSMENT CRITERIA	Marks 0, 1, 2, or 3	Coef	Total
Identify with precision the symptoms of the fault	The malfunction is validated. The documents and information used are adapted to : - the vehicle - the system that has the fault.		1	
Select the hypotheses of the fault depending on the symptoms	The hypotheses given are : - plausible - complete - ranked		1	
Test the system	The diagnostic procedure is : - coherent / logical - adapted to the malfunction		1	
	The choice of the reference values used is adapted to the system with the fault		1	
	The testing equipment chosen allows the measurements to be taken.			
Validate the malfunction and choose the appropriate action to be done	The measurements are chosen in relation to the malfunction and the access points. The equipment is used respecting health and safety guidelines.		1	
	The interpretation of the measured values allow the identification of the causes of the fault.		2	
	The causes of the malfunction are validated and justified.			
	The selected procedures allow the vehicle to be repaired. The malfunction is repaired		1	
Organise a work station	The organisation of the work station is practical Environmental, and health and safety rules are respected The work station and vehicle are kept clean throughout the session		1	
<u>Respect the methods and schedule</u> *	The task is completed within a defined time (2 H 30 maximum).		1	

* **Special conditions** **Mark authorised: 0 or 3**

TOTAL :	30
----------------	-----------