

**BACCALAURÉAT PROFESSIONNEL
SECTION EUROPÉENNE
SESSION 2021**

*Maintenance des véhicules option B
Véhicules transport routier*

Épreuve orale spécifique de langue vivante : ANGLAIS

Entretien :

Partie A – 10 minutes

(à partir du sujet ci-dessous)

Partie B – 10 minutes

(entretien à partir des travaux et activités effectués pendant l'année de terminale dans la discipline non linguistique et ouverture européenne)

Durée de l'épreuve : 20 minutes

Préparation : 20 minutes

Corrigé SUJET n° 1

<http://images.google.uk>

Situation:

You are a mechanic working at M50 Truck&van centre in Dublin, Ireland. You take charge of Mr. Scheffield who drives into the garage with his lorry. The lorry is a 440 Trakker IVECO.



He explains that the lorry didn't pass the MOT test. The lorry stays in low position and the ECAS light (suspension failed) is on, on the dashboard.

You ask Mr. Scheffield to drive the lorry into the workshop.

Your Tasks

1) Say what the possible causes of suspension failure are. (Use document 1 page 2/2)

- ***Air tank leak***
- ***Bleed cap failed or improperly tightened***
- ***Failed pressure switch, providing false information***
- ***Electro-pneumatic dispenser blocked or failed***
- ***Failed level sensor***
- ***Air cushion with holes***
- ***Failed air pump***
- ***Leak on the air pipe or air hose***

- 2) You have checked the vehicle and you note that there is an air leak on the right level sensor. (Document 2 page 2/2)

Explain what the level sensor is for and how it works?

Level sensors are used to compare the inclination of the truck to a horizontal surface. When the truck is loaded, the sensor detects the tilt and gives information to inflate the airbags. They are also used when the truck is driving on a rough road. This maintains the charge level.

- 3) Explain what PPE you must wear and what precautions you must take before working on the lorry.

When working on a truck, you must keep the vehicle safe. Use suitable ramps, disconnect the battery and purge the air circuit. You must wear your PPE. (Safety shoes, overalls, safety glasses, gloves)