

# Test Procedure eMission Lab Untertürkheim



Mercedes-Benz



With reference to Regulation EU Regulation 2017/1151 in the consolidated version of 9/1/2023 and UN Regulation No. 154 ABL, the eMission Lab Untertürkheim leads. LL 290 dated 11/10/2022:

Procedure for Annex IV, Appendix 1: Carbon monoxide emission test at idle (type 2)

- EU Cert - ICE gasoline type 2 idle
- EU-Cert - HEV gasoline type 2 idle
- EU-Cert - PHEV Gasoline Type 2 Idle

Procedure for Annex V: Verifying emissions of crankcase gases (MODEL 3)

- EU Cert - ICE gasoline type 3 crankcase
- EU-Cert - HEV gasoline type 3 crankcase
- EU-Cert - PHEV Gasoline Type 3 Crankcase

Procedure for Annex VT: Determination of evaporative emissions (type 4)

- EU-Cert - ICE gasoline type 4 AKB
- EU-Zert - ICE gasoline type 4 Sealed House Evaporative Determination (SHED)
- EU-Cert - HEV gasoline type 4 AKB
- EU-Cert - HEV gasoline type 4 Sealed House Evaporative Determination (SHED)
- EU Cert - PHEV gasoline type 4 AKB
- EU-Cert - PHEV Gasoline Type 4 Sealed House Evaporative Determination (SHED)

Procedure for Annex XXI, Sub-Annex 6, Appendix 1: Emission test procedure for all vehicles equipped with periodically regenerating systems (type 1)

- EU-Cert - ICE Diesel Ki
- EU-Cert - HEV Diesel Ki
- EU-Cert - PHEV Diesel Ki

Procedure for Annex VII: Durability of pollution control devices (type 5 test)

- EU-Cert - ICE Diesel DF
- EU-Cert - HEV diesel DF
- EU-Cert - PHEV Diesel DF

To Annex VIII: Verifying the average exhaust emissions at low ambient temperatures (model 6)

- EU-Cert - ICE gasoline type 6-7°C
- EU-Cert - ICE diesel model 6-7°
- EU-Cert - HEV gasoline type 6-7°C
- EU-Cert - HEV Diesel Type 6-7°C
- EU-Cert - PHEV gasoline model 6 -7°C
- EU-Cert - PHEV diesel model 6-7°C

Procedures for Annex XI: On-board diagnostics (OBD) for motor vehicles

- EU-Cert - ICE Gasoline OBD type 1
- EU-Cert - ICE Diesel OBD Type 1
- EU-Cert - HEV Gasoline OBD type 1
- EU-Cert - HEV Diesel OBD type 1
- EU-Cert - PHEV Gasoline OBD Type 1
- EU-Cert - PHEV Diesel OBD Type 1

Procedure for Annex XXI: Sub-appendix 6 & sub-appendix 8: Emission test procedure (type 1)

- EU-Cert - ICE Gasoline Type 1 Worldwide Harmonized Light Duty Vehicles Test Procedure (WLTP)
- EU Cert - ICE gasoline ambient temperature correction test
- EU-Cert - ICE Diesel Type 1 Worldwide Harmonized Light Duty Vehicles Test Procedure (WLTP)
- EU-Cert - ICE Diesel Ambient Temperature Correction Test
- EU-Cert - HEV Gasoline Type 1 Worldwide Harmonized Light Duty Vehicles Test Procedure (WLTP)
- EU-Cert - HEV Gasoline Ambient Temperature Correction Test
- EU-Cert - HEV gasoline balance
- EU-Cert - HEV Diesel Type 1 Worldwide Harmonized Light Duty Vehicles Test Procedure (WLTP)
- EU-Cert - HEV Diesel Ambient Temperature Correction Test
- EU-Cert - HEV Diesel Powertrain Balance
- EU-Cert - PHEV gasoline type 1 Charge Sustaining Worldwide Harmonized Light Duty Vehicles Test Procedure (WLTP)
- EU-Cert - PHEV Gasoline Type 1 Charge Depleting Worldwide Harmonized Light Duty Vehicles Test Procedure (WLTP)
- EU-Cert - PHEV gasoline ambient temperature correction test
- EU Cert - PHEV gasoline balance
- EU-Cert - PHEV Diesel Type 1 Charge Sustaining Worldwide Harmonized Light Duty Vehicles Test Procedure (WLTP)
- EU-Cert - PHEV Diesel Type 1 Charge Depleting Worldwide Harmonized Light Duty Vehicles Test Procedure (WLTP)
- EU Cert - PHEV Diesel Ambient Temperature Correction Test
- EU Cert - PHEV Diesel Clean Balance
- BEV Type 1 range test Worldwide Harmonized Light Duty Vehicles Test Procedure (WLTP)
- BEV Type 1 power consumption Worldwide Harmonized Light Duty Vehicles Test Procedure (WLTP)

Exclusions: The Untertürkheim eMission Lab does not carry out any tests according to Annex III A (RDE/PEMS) and Annex XX (measurement of net power and maximum 30 minutes power of electric powertrains).

Furthermore, no vehicles are tested according to Annex XXI that are operated by Liquefied Petroleum Gas (LPG), Compressed Natural Gas (CNG) or hydrogen.

The eMission Lab Untertürkheim does not carry out any special requests in the accredited area; only orders are carried out according to the accredited procedure.