ISO/TR 17326:2023-12 (E)

Fuel cell road vehicles - Cold start performances under sub-zero temperature - Vehicles fuelled with compressed hydrogen

Contents

Page

Foreword ..... **iv**

1 Scope **1**

2 Normative references **1**

3 Terms and definitions **1**

4 Abbreviated terms **2**

5 Test instrumentation **2**

6 Vehicle conditions **2**

7 Test temperature conditions **3**

8 Test methods **3**

8.1 General 3

8.2 Soak method under sub-zero temperature 3

8.3 Cold start performance test under sub-zero temperature 3

8.4 Launch performance test under sub-zero temperature 4

8.4.1 Determining the dynamometer load coefficient 4

8.4.2 Setting of vehicle's driving mode 4

8.4.3 Test method 4

8.4.4 Tolerance of drive cycle test 5

8.4.5 Test termination criteria 5

8.5 Requirements of data acquisition 5

9 Test data processing **5**

10 Test records **5**

Annex A (informative) **Test process** **6**

Annex B (informative) **Energy consumption data processing method** **7**

Annex C (informative) **Test records for cold start performances of FCHEV under sub-zero temperature** **9**

Bibliography **11**