

IEC/PAS 62282-6-1

(First edition – 2006)

Fuel cell technologies – Part 6-1: Micro fuel cell power systems – Safety

CORRIGENDUM 1

Page 22
4.21.1b)

Instead of:

“...J1.7.”

read:

“...J.17.”

Page 26
5.1.5

Instead of:

“Where a hazard is likely to occur...”

read:

“5.1.5.1 Where a hazard is likely to occur...”

Instead of:

“5.1.5.1 Mechanical movement...”

read:

“a) Mechanical movement...”

Instead of:

“5.1.5.2 In the case of a component...”

read:

“b) In the case of a component...”

Page 27

Instead of:

“5.1.5.3 The duration of each test...”

read:

“5.1.5.2 The duration of each test...”

Instead of:

“5.1.5.4 For equipment or components...”

read:

“a) For equipment or components...”

Instead of:

“5.1.5.5 For other equipment...”

read:

“b) For other equipment...”

Page 35

7.3.1.1

Instead of:

“Both test i) and test ii) are required.”

read:

“Both test a) and test b) are required.”

Test B Low external pressure

Instead of:

“Passing Criteria: No fire at any time, no explosion at any time, no leakage. See Figure 2.”

read:

“iii) Passing Criteria: No fire at any time, no explosion at any time, no leakage. See Figure 2.”

Page 51

A.3.27

Instead of:

“...to interpret correctly...”

read:

“...to not wrongly interpret...”

Page 54

A.7.3.14viii)b)

Instead of:

"If more than 25 % of LFL is not detected...."

read:

"If not more than 25 % of LFL is detected ..."

A.7.3.14viii)c)3)

Instead of:

"If the spiral sweep does not detect any hydrogen concentrations of 25 % LFL or greater, then the device passes."

read:

"If the spiral sweep detects hydrogen concentrations of not more than 25 % LFL, then the device passes."

Page 57

B.3.18

Instead of:

"hydrogen gas escaping from the cartridge or system does not result in ..."

read:

"hydrogen gas escaping from the cartridge or system that results in ..."

Page 64

B.7.3.1.1

Instead of:

"B.7.3.1.1 Test A

Test A of 7.3.1.1 is not applicable to cartridges tested under this annex. Instead, cartridges shall pass Test B of B.7.3.1.1.

B.7.3.1.1 Test B

This test shall be performed on fuel cartridges certified by this annex. This subclause shall apply as written, with the addition that the external vacuum shall be applied for a period of 30 min.

ii) Passing criteria: No fir at any time, no explosion at any time, no leakage. See figure B.1."

read:

"B.7.3.1.1 Cartridge

Test A Internal pressurization

Test A of 7.3.1.1 is not applicable to cartridges tested under this annex. Instead, cartridges shall pass B.7.3.1.1 Test B, below:

Test B Low external pressure

- i) This test shall be performed on fuel cartridges certified by this annex.
- ii) Subclause 7.3.1.1 Test B shall apply as written with the addition that the external vacuum shall be applied for a period of 30 min.
- iii) Passing criteria: No fire at any time, no explosion at any time, no leakage. See Figure B.1.”

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B.7.3.5.1

Instead of:

“If the drop test of 2 of...”

read:

“If the drop test of 6.3 of...”

Instead of:

“... the cartridge drop test of 7.3.5 (B and C)....”

read:

“... the cartridge drop test of 7.3.5 (2 or 3)....”

Page 107

F.3.25

Instead of:

“no impermissible leakage as defined in F.3.31.”

read:

“no impermissible leakage as defined in F.3.31.

No bubbles during the water bath test. No leakage is allowed.”

F.3.31

Add item d) as follows:

“d) any bubbles at all during the water bath test. No leakage is allowed.”

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F.7

Add, after “Table 8 shall be replaced with Table F.1”, the following new paragraph: