

## IFA AGREEMENT 010-2022

Subject of Agreement	<b>validity of test results</b>
Related test standard	EN ISO 1716: 2010
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### Problem

New validity of test results : see within 5 % and within 10 %  
 It is not very clear from what value the 5 % and 10 % should be taken:

Possible solutions :

- Within 5 (10) % of the minimum value
- Within 5 (10) % of the maximum value
- Within 5 (10) % of the average of the 3 results

### 11 Validity of test results

To be validated, test results shall comply with the criteria in the specified range of values given in Table 1.

**Table 1 — Criteria for the validity of test results**

Gross heat of combustion	Max. and min. of the three replicated tests	Range of validity
$Q_{PCS}$ (MJ/kg)	$\leq 0,2$ MJ/kg Within 5 % Within 10 %	From 0 MJ/kg to 3,2 MJ/kg From 3,2 MJ/kg to 20,0 MJ/kg Greater than 20,0 MJ/kg
$Q_{PCS}$ (MJ/m <sup>2</sup> ) <sup>a</sup>	$\leq 0,1$ MJ/m <sup>2</sup> Within 5 % Within 10 %	From 0 MJ/m <sup>2</sup> to 4,1 MJ/m <sup>2</sup> From 4,1 MJ/m <sup>2</sup> to 20 MJ/m <sup>2</sup> Greater than 20 MJ/m <sup>2</sup>
<sup>a</sup> For non-substantial components only.		

### Agreement

The value should be taken from within 5 (10) % of the average of the 3 results