

IECEX ExPCC DECISION SHEET

Standard: None	Clause: Not Applicable	Reference Publications: IECEX OD 503
Subject: Analysis of Knowledge Assessment Results	Key words: Competence Assessment Analysis	Date of Issue: 2019 05 17
Status of document: Issued		Originator of original proposal: IECEX Secretariat
		IEC 31 TC/SC/MT involved: None

Background:

This ExPCC Decision Sheet has been prepared in accordance with ExMC approval via ExMC Decision 2018/58 of such a facility and notes the outcomes of the 2018 ExPCC Meeting where members

1. considered a revision of OD 503 as circulated as *IECEX_OD503_Ed4.2_Text_RLV_DRAFT03.doc*,
2. prepared a revised proposal that is saved as *IECEX_OD503_Ed4.2_Text_RLV_DRAFT04.doc*, and then
3. endorsed the plans of ExPCC WG2 to conduct further work on revising IECEX OD 503 in conjunction with a revision of IECEX OD 504.

As this outcome impacts on the ability of ExCBs to improve consistency in conducting assessment in the short term the following approach to the analysis of knowledge assessment results obtained through assessments conducted according to the requirements of IECEX OD 503 Edition and IECEX OD 504 Edition shall be applied by all IECEX 05 Scheme ExCBs effective immediately and until both of these Editions of IECEX OD 503 and OD 504 have been published to address this matter.

The following process shall be applied as a replacement for the text of the first bullet point in Clause 4.3.5 of IECEX OD 503 Edition 4.1:

4.3.5.1 Knowledge assessment:

The knowledge assessment shall consist of two papers:

- Paper A shall contain no less than the number of selected response questions as specified in Table 3. A correctly answered question shall be scored as a single correct answer (result = 1) and an incorrect answer shall be scored as a 'zero result'. There is no provision for scoring "partially correct" answers with partial scores (eg. result = 0.5).
- Paper B shall contain no less than the number of constructed response questions including calculation questions where relevant as specified in Table 3. The maximum score of an individual question is determined by its number of elements – for example the maximum available score for a question of one element is one and for a question of four elements the maximum available score is four.

4.3.5.1.1 Consideration of Knowledge Assessment Results

The assessment result for each assessment shall be considered as follows when an ExCB takes a decision to issue a Certificate to a candidate:

1. The results (the score achieved expressed as a percentage of the maximum available score) of Paper A and Paper B may be averaged and then compared to the required minimum result of 75%. For example an assessment result of 85% for Paper A and 70% for Paper B provides an average of 77.5% which represents a pass result because this is greater than the 75% minimum.
2. If the averaged result for Paper A and Paper B is less than 75% a fail result shall be recorded. If the candidate that has had a fail result recorded they can choose to repeat the assessment but must complete the assessment papers for BOTH Paper A and Paper B using different question sets to those used in the original assessment.