DOCUMENT CHANGE REQUEST

DCR number 1667	Changes required for: General	Originator: Steve Thacker
Date: 2025/10/06	Date sent: 2024/06/25	Organisation: ESCC Executive Secretariat
Status: IMPLEMENTED		

Title:	Generic Specification for Wires and Cables Electrical 600V Low Frequency		
Number:	3901	Issue:	4

Other documents affected:

Page:

Various; see attached draft 4 spec mark-up with changes indicated by yellow highlights

Paragraph:

Charts IV & V plus Paras 9.11, 9.18, 9.19

Original wording:

As per current spec issue 3

Proposed wording:

Clarify the quantity of test 'failures' that are allowed in specific tests in Charts IV & V with changes as follows:

Charts IV & V:
Delete note for Cut-Through Resistance (as a test failure is not permitted)
Delete Note 1 and replace by new notes 1, 2, 3 to clarify the details of permitted test failures (see attached spec mark-up for details)

Para. 9.18 CUT-THROUGH RESISTANCE
Add a sentence to clarify that a 2nd criterion on the 9 test results also applies i.e. both the mean of all 9 results as well as the 9 individual results are considered when judging a pass/fail (see attached spec mark-up for details)

Para. 9.11: MECHANICAL PROPERTIES OF CONDUCTOR &
Para. 9.19 NOTCH RESISTANCE
Add note about permitted failures (see attached spec mark-up for details)

In addition. several editorial changes are included:
Para 2.2 etc: ref. documents are updated

Justification:

This DCR is raised in response to a review by ESA of an NCCS finding at Manufacturer Gore. The change details have been agreed with ESA.

These changes are intended to clarify the pass/fail criteria applied during the Cut-Through Resistance test during Charts IV

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&V of 3901 (which are open to misinterpretation in spec issue 3)

Attachments:

escc3901iss4_draft_a_in_review(2).docx

Modifications:

N/A

Approval signature:



Date signed:

2025-10-06