


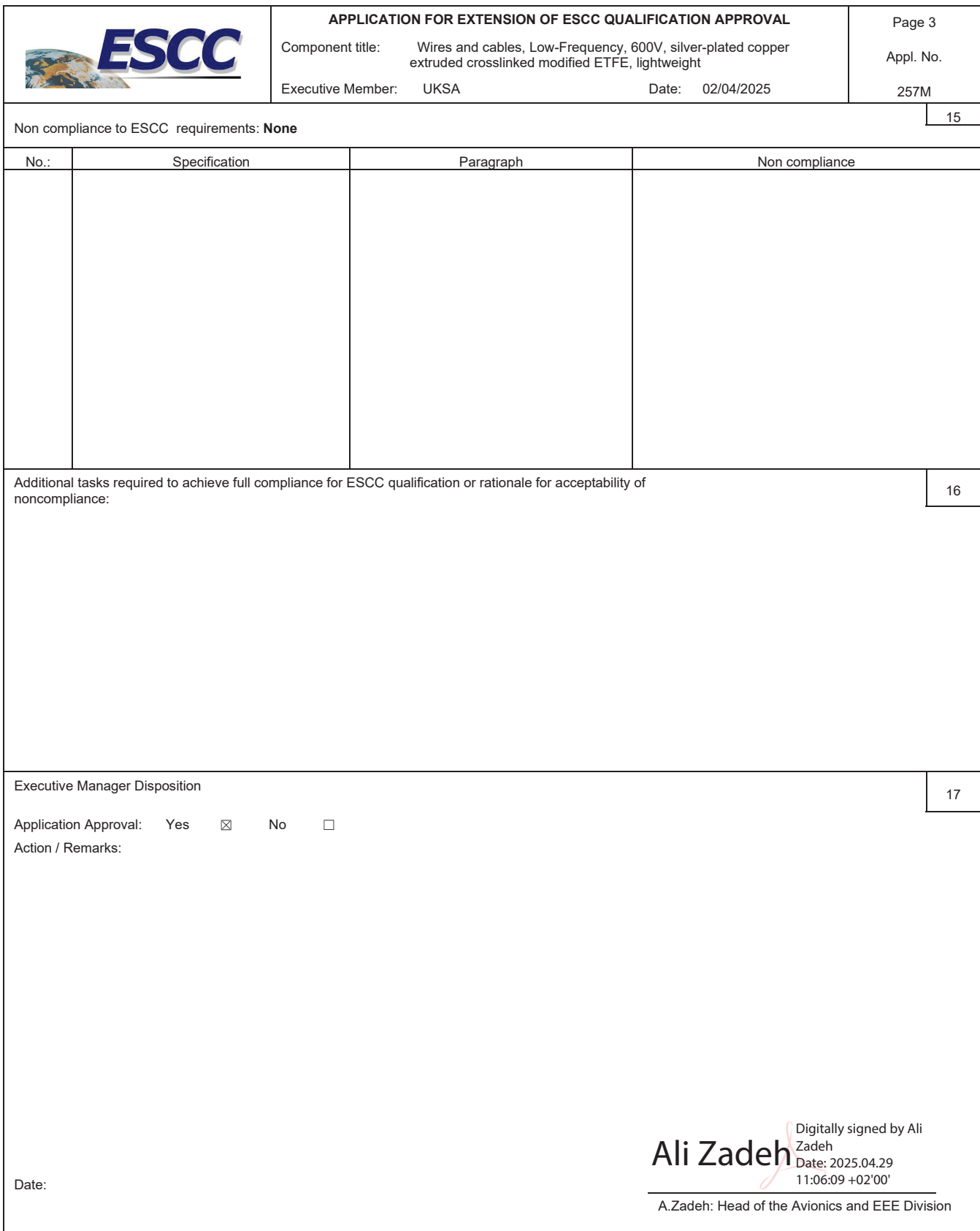


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|---|---------------|--|-----------|---|--|
|    |               | <b>APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL</b>  |           |   | Page 1<br><br>Appl. No.<br><br><b>257M</b> |
| Component Title:    Wires and cables, Low-Frequency, 600V, silver-plated copper extruded crosslinked modified ETFE, lightweight   |               | Executive Member:    UKSA  |           | Date:    02/04/2025   |  |
| Components (including series and families) submitted for Extension of Qualification Approval:   |               |  |           |   | 1  |
| ESCC COMPONENT NO.  | VARIANTS      | RANGE OF COMPONENTS  | BASED ON  | TEST VEHICLE / S  | COMPONENT SIMILAR                          |
| 3901/020  | 01-80         |  | 55/9960   | Wires: 390102001B, 03B, 07B   |  |
| 3901/022  | 01-72         |  | 55/996x   | Cable: 390102022B, 62B  |  |
| Component Manufacturer<br>TE Connectivity Aerospace, Defense and Marine, trading as Tyco Electronics UK, Ltd  |               | Location of Manufacturing Plant(s)<br>Faraday Road, Dorcan, Swindon, UK  |           | Date of original qualification approval:<br>Date:    30/10/1999<br><br>Certificate Ref No.    257 |  |
| ESCC Specifications used for Maintenance of qualification testing:<br>Generic:    ESCC 3901 Is. 3<br><br>Detail(s):    ESCC 3901/020 Is. 5 and /022 Is. 5                           |               | Deviations to LVT testing and Detail Specification used:<br>No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> (supply details in Box 15)<br><br>Deviation from current Specifications:<br><br>No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> (Supply details) |           | Qualification Extension Report reference and date:<br>WQ2121 Issue 9 (501-116274) March 2025      |  |
| Summary of procurement or equivalent test results during current validity period in support of this application (those to ESCC listed first)  |               |  |           |   | 8  |
| Project Name  | Testing Level | LAT  | Date code | Quantity Delivered  |  |
|   |               |  |           |   |  |
|   |               |  |           |   |  |
|   |               |  |           |   |  |
|   |               |  |           |   |  |
| PID changes since start of qualification<br>None <input checked="" type="checkbox"/><br>Minor* <input type="checkbox"/><br>Major* <input type="checkbox"/> *Provide details in box: |               | Current PID    Verified by:    UKSA<br>Name of Executive Representative<br><br>Ref No:    ELE-4KD-0101<br>Issue:    9    Date:    19/02/2021<br>Rev Date:    21/01/2021  |           |   |  |
| Current Manufacturing facilities surveyed by:    A.Forsythe, UKSA and F. Martinez, ESA    on    25/01/2017<br>(Name of Executive Representative)    (Date)                          |               |  |           |   | 11   |
| Satisfactory:    Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Explain  |               |  |           |   |  |
| Report Reference:    ESA-TECQES-MIN-004093  |               |  |           |   |  |

|  |   |                          |
|--|---|--------------------------|
|   | <b>APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL</b><br>Component title: Wires and cables, Low-Frequency, 600V, silver-plated copper extruded crosslinked modified ETFE, lightweight<br>Executive Member: UKSA<br>Date: 02/04/2025 | Page 2<br>Appl. No. 257M |
| Failure Analysis, DPA, NCCS available:    Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Supply data)<br><br>Ref. No's and purposes:   |   | 12                       |
| The undersigned hereby certifies on behalf of the ESCC Executive - that the above information is correct; - that the appropriate documentation has been evaluated; - that full compliance to all ESCC requirements is evidence (except as stated in box 15;) - that the reports and data are available at the ESCC Executive and therefore applies on behalf of UKSA as the responsible Executive Member for ESCC qualification status to be extended to the component(s) listed herein.<br><br>Date: 02/04/2025<br><br>Denis Lacombe<br><br> Digitally signed by Denis Lacombe<br>Date: 2025.05.09 13:59:58 +02'00'<br><br>_____<br>(Signature of the Executive Coordinator) |   | 13                       |
| Continuation of Boxes above:   |   | 14                       |





# APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL

Component Title: Wires and cables, Low-Frequency, 600V, silver-plated copper extruded crosslinked modified ETFE, lightweight

Executive Member: UKSA

Date: 02/04/2025

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## ANNEX 1: LIST OF TESTS DONE TO SUPPORT EXTENSION OF QUALIFICATION

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Tests conducted in compliance with:

- ESCC 3901 generic specification; Chart F4 (for ESCC/QPL parts); **See Tyco Report WQ2121 Issue 9**
- Or PID-TFD (for ESCC/QML parts)

Tests vehicle identification/description:

|  |  |
|--|--|
|  |  |
|  |  |

Detail Specification reference:

