

**APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL**

Component Title: Relays, latching, Types GP 250 and GP2

Executive Member: CNES

Date: 10/01/2022

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Components (including series and families) submitted for Qualification Approval

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| ESCC COMPONENT NO. | VARIANTS | RANGE OF COMPONENTS | BASED ON | TEST VEHICLE / S | COMPONENT SIMILAR |
|---------------------------|---------------------------|---|-----------------------------|---|-------------------|
| 3602 003 - 3602 010 | 01 to 06 - 01 to 06 | Coil Voltages : 12 and 26.5V - Coil Voltages : 12 and 26.5V | Type GP2 - Type GP250 | 3602 003 01 to 03, 12V 3602 003 01 & 03, 26V 3602 010 01, 26V | Other variants |

| | | | | | |
|--|---|---|---|---|---|
| Component Manufacturer LEACH International Europe | 2 | Location of Manufacturing Plant 2 rue Goethe 57430 Sarralbe | 3 | ESCC Specification used for Qualification Generic: 3602 Issue 4 Detail/s: 3602/003 & 3602/010 Issue 8 & 7 | 4 |
|--|---|---|---|---|---|

| | | | |
|---|---|--|---|
| Qualification Report Reference and date: RQ_1271671_0 04/03/2021 (GP2) RT_1288363_0 04/10/2021 (GP250) Date: 04/03/2021 & 04/10/2021 | 5 | PID used for manufacturing Qualification Lot Ref No: DR_1173363 (GP2) & DR_1163959 (GP250) Issue: 3 4 Date: 27/06/2017 15/05/2019 | 6 |
|---|---|--|---|

| | | | |
|---|---|--|---|
| PID changes since start of qualification None <input type="checkbox"/> Minor* <input checked="" type="checkbox"/> Major* <input type="checkbox"/> (* Details not published, provided in confidential annex 2.) | 7 | Current PID Verified by JP Bussenot, CNES Name of Agency Representative Ref No: DR_1173363 (GP2) DR_1163959 (GP250) Issue 4 6 Date 01/04/2021 22/12/2021 | 8 |
|---|---|--|---|

| | | |
|--|--|---|
| Current Manufacturing facilities surveyed by: D. Lacombe, F. Chiusano ESA & L. Baczkowski, CNES (Name of Agencies Responsible) DSO/AQ/CQ-2021.0011693, 09/09/2021 (*) Report Reference | 17/06/2021 (Date) (* distributed to LEACH on the 3 rd of December 2021) | 9 |
|--|--|---|

| | |
|--|----|
| Satisfactory: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Explain 6 Findings (See report, Corrective Actions Plan by the 31st of January 2022) | 10 |
|--|----|

| | | |
|--|--|----|
| Quality and Reliability Data Evaluation testing performed Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Report Ref. No.: RQ_1305229 Issue 1 Date: 17/05/2021 Equivalent Data: Certification: | Failure analysis, DPA, NCCS available (supply data) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> See also DPA in the Evaluation Report Ref Nos. and purpose: ESA CA0004099, 25/03/2020 Construction Analysis performed on GP250 Relays submitted to re-qualification (See LEACH status in appendix) | 10 |
|--|--|----|



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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 13; that the reports and data are available at the ESCC Executive and therefore applies for ESCC qualification status to be given to the component(s) listed herein.

Date: 10/01/2022

JP BUSSEBOT

(Signature of the Executive Coordinator)

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Continuation of Boxes above: (Only non-confidential comments)

GP250 delivery information is provided in the appended MOQ Report filled by LEACH International Europe

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Non compliance to ESCC requirements:

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| No.: | Specification | Paragraph | Non compliance |
|------|---------------|-----------|----------------|
| | | | |

Additional tasks required to achieve full compliance for ESCC qualification or rationale for acceptability of noncompliance:

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Executive Manager Disposition

15

Application Approval: Yes No

Action / Remarks:

Date:

Britta Schade Digitally signed by Britta Schade
Date: 2022.01.28 11:31:53 +01'00'

B. Schade: Head of the Product Assurance and Safety Department



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ANNEX 1A: LIST OF TESTS DONE TO SUPPORT QUALIFICATION OF GP2 Relays

Tests conducted in compliance with:

- ESCC 3602 generic specification; Chart F4 (for ESCC/QPL parts);
- Or PID-TFD (for ESCC/QML parts)

Tests vehicle identification/description:

| | |
|--|--|
| 3602 003 01 12V (GP2-190E00-12V-860) DC 19-15A | 3602 003 01 26V (GP2-900E00-26V-860) DC 19-15A |
| 3602 003 02 12V (GP2-190EDB-12V-860) DC 19-15A | 3602 003 03 26V (GP2-900FHA-26V-860) DC 19-14A, 19-15A |
| 3602 003 03 12V (GP2-190FHA-12V-860) DC 19-18A | |

Detail Specification reference: 3602/003

| Chart F4 | Test | Tick when done | Conditions | Date Code | Tested Qty | No. of Rejects | Comments if not performed. Comments on Rejection |
|--|------------------------------|-------------------------------------|------------------------------------|----------------|------------|----------------|--|
| Environmental / Mechanical Subgroup (Column 1) | Thermal Shock | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 107 | 19-15A, 19-14A | 2 x 6 4 | 0 | |
| | Low Level Sine Vibration | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 204 | 19-15A, 19-14A | 2 x 6 4 | 0 | |
| | Random Vibration | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 214 | 19-15A, 19-14A | 2 x 6 4 | 0 | |
| | Low Level Mechanical Shock | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 213 | 19-15A, 19-14A | 2 x 6 4 | 0 | |
| | Resistance to Soldering Heat | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 210 | 19-15A, 19-14A | 2 x 6 4 | 0 | |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 19-15A, 19-14A | 2 x 6 4 | 0 | |
| | External Visual Inspection | <input checked="" type="checkbox"/> | ESCC Basic Specification No. 20500 | 19-15A, 19-14A | 2 x 6 4 | 0 | |
| Environmental / Mechanical Subgroup (Column 2) | High Level Sine Vibration | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 204 | 19-15A, 19-15A | 2 x 6 4 | 0 | |
| | High Level Mechanical Shock | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 213 | 19-15A, 19-15A | 2 x 6 4 | 0 | |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 19-15A, 19-15A | 2 x 6 4 | 0 | |
| | External Visual Inspection | <input checked="" type="checkbox"/> | ESCC Basic Specification No. 20500 | 19-15A, 19-15A | 2 x 6 4 | 0 | |
| Endurance Subgroup 1 (Column 1) | Low Level Life | <input checked="" type="checkbox"/> | ESCC 3602 Para. 8.11.1 | 19-15A | 2 x 3 | 0 | Followed with Column 3 Intermediate Current testing |
| | Inductive Life | <input type="checkbox"/> | ESCC 3602 Para. 8.11.2 | | | | Only applicable to relays with Rated Resistive Load Contact Current greater than or equal to 5A. |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 19-15A | 2 x 3 | 0 | |
| | External Visual Inspection | <input checked="" type="checkbox"/> | ESCC Basic Specification No. 20500 | 19-15A | 2 x 3 | 0 | |



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| Chart F4 | Test | Tick when done | Conditions | Date Code | Tested Qty | No. of Rejects | Comments if not performed. Comments on Rejection |
|------------------------------------|----------------------------|-------------------------------------|------------------------------------|------------------|------------|----------------|--|
| Endurance Subgroup 1 (Column 2) | Coil Life | <input checked="" type="checkbox"/> | ESCC 3602 Para. 8.12 | 19-18A 19-14A | 6 6 | 0 | |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 19-18A 19-14A | 6 6 | 0 | |
| | External Visual Inspection | <input checked="" type="checkbox"/> | ESCC Basic Specification No. 20500 | 19-18A 19-14A | 6 6 | 0 | |
| Endurance Subgroup 1 (Column 3) | Intermediate Current | <input checked="" type="checkbox"/> | ESCC 3602 Para. 8.13 | 19-15A | 2 x 3 | 0 | Parts submitted to Low Level Life |
| | Mechanical Life | <input type="checkbox"/> | ESCC 3602 Para. 8.14 | | | | Only applicable to relays with Rated Resistive Load Contact Current greater than or equal to 5A. |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 19-15A | 2 x 3 | 0 | |
| | External Visual Inspection | <input checked="" type="checkbox"/> | ESCC Basic Specification No. 20500 | 19-15A | 2 x 3 | 0 | |
| Endurance Subgroup 2 | Resistive Life | <input checked="" type="checkbox"/> | ESCC 3602 Para. 8.11.3 | 19-15A | 6 | 0 | |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 19-15A | 6 | 0 | |
| | External Visual Inspection | <input checked="" type="checkbox"/> | ESCC Basic Specification No. 20500 | 19-15A | 6 | 0 | |
| Assembly Capability Subgroup | Solderability | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 208 | 19-15A | 2 x 3 | 0 | |
| | Overload | <input checked="" type="checkbox"/> | ESCC 3602 Para. 8.16 | 19-15A | 2 x 3 | 0 | |
| | Permanence of Marking | <input type="checkbox"/> | ESCC Basic Specification No. 24800 | | | | Not applicable for laser marking |
| | Terminal Strength | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 211 | 19-15A | 2 x 3 | 0 | |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 19-15A | 2 x 3 | 0 | |
| Additional Tests | | <input type="checkbox"/> | | | | | |
| | | <input type="checkbox"/> | | | | | |
| | | <input type="checkbox"/> | | | | | |



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ANNEX 1B: LIST OF TESTS DONE TO SUPPORT EXTENSION OF QUALIFICATION OF GP250 Relays

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Tests conducted in compliance with:

- ESCC 3602 generic specification; Chart F4 (for ESCC/QPL parts);
- Or PID-TFD (for ESCC/QML parts)

Tests vehicle identification/description:

| | |
|---|--|
| GP250-720EDB-26V-961 DC : 20-16A (*) | 3602 010 01 26V (GP250-720EDB-26V-860) DC : 21-25A |
| (*) Customer lot similar to 3602 010 01 26V | |
| | |

Detail Specification reference: 3602/010

| Chart F4 | Test | Tick when done | Conditions | Date Code | Tested Qty | No. of Rejects | Comments if not performed. Comments on Rejection |
|---|------------------------------|-------------------------------------|------------------------------------|-----------|------------|----------------|--|
| Environmental / Mechanical Subgroup (Column 1) | Thermal Shock | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 107 | 21-25A | 6 | 0 | |
| | Low Level Sine Vibration | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 204 | 21-25A | 6 | 0 | |
| | Random Vibration | <input type="checkbox"/> | MIL-STD-202, Test Method 214 | | | | |
| | Low Level Mechanical Shock | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 213 | 21-25A | 6 | 0 | |
| | Resistance to Soldering Heat | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 210 | 21-25A | 6 | 0 | |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 21-25A | 6 | 0 | |
| | External Visual Inspection | <input checked="" type="checkbox"/> | ESCC Basic Specification No. 20500 | 21-25A | 6 | 0 | |
| Environmental / Mechanical Subgroup (Column 2) | High Level Sine Vibration | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 204 | 21-25A | 6 | 0 | |
| | High Level Mechanical Shock | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 213 | 21-25A | 6 | 0 | |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 21-25A | 6 | 0 | |
| | External Visual Inspection | <input checked="" type="checkbox"/> | ESCC Basic Specification No. 20500 | 21-25A | 6 | 0 | |
| Endurance Subgroup 1 (Column 1) | Low Level Life | <input checked="" type="checkbox"/> | ESCC 3602 Para. 8.11.1 | 21-25A | 3 | 0 | |
| | Inductive Life | <input type="checkbox"/> | ESCC 3602 Para. 8.11.2 | | | | Only applicable to relays with Rated Resistive Load Contact Current greater than or equal to 5A. |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 21-25A | 3 | 0 | |
| | External Visual Inspection | <input checked="" type="checkbox"/> | ESCC Basic Specification No. 20500 | 21-25A | 3 | 0 | |



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| Chart F4 | Test | Tick when done | Conditions | Date Code | Tested Qty | No. of Rejects | Comments if not performed. Comments on Rejection |
|------------------------------------|----------------------------|-------------------------------------|------------------------------------|------------------|------------|----------------|---|
| Endurance Subgroup 1 (Column 2) | Coil Life | <input type="checkbox"/> | ESCC 3602 Para. 8.12 | | | | In accordance with detail specification the coil life was not carried out because there is no significant change in design since the relay qualification. |
| | Seal (Fine and Gross Leak) | <input type="checkbox"/> | MIL-STD-202, Test Method 112 | | | | |
| | External Visual Inspection | <input type="checkbox"/> | ESCC Basic Specification No. 20500 | | | | |
| Endurance Subgroup 1 (Column 3) | Intermediate Current | <input checked="" type="checkbox"/> | ESCC 3602 Para. 8.13 | 21-25A | 3 | 0 | |
| | Mechanical Life | <input type="checkbox"/> | ESCC 3602 Para. 8.14 | | | | Only applicable to relays with Rated Resistive Load Contact Current greater than or equal to 5A. |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 21-25A | 3 | 0 | |
| | External Visual Inspection | <input checked="" type="checkbox"/> | ESCC Basic Specification No. 20500 | 21-25A | 3 | 0 | |
| Endurance Subgroup 2 | Resistive Life | <input checked="" type="checkbox"/> | ESCC 3602 Para. 8.11.3 | 20-16A 21-25A | 6 6 | 0 | |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 20-16A 21-25A | 6 6 | 0 | |
| | External Visual Inspection | <input checked="" type="checkbox"/> | ESCC Basic Specification No. 20500 | 20-16A 21-25A | 6 6 | 0 | |
| Assembly Capability Subgroup | Solderability | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 208 | 20-16A 21-25A | 3 3 | 0 | |
| | Overload | <input checked="" type="checkbox"/> | ESCC 3602 Para. 8.16 | 20-16A 21-25A | 3 3 | 0 | |
| | Permanence of Marking | <input type="checkbox"/> | ESCC Basic Specification No. 24800 | | | | Not applicable for laser marking |
| | Terminal Strength | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 211 | 20-16A 21-25A | 3 3 | 0 | |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 20-16A 21-25A | 3 3 | 0 | |
| Additional Tests | | <input type="checkbox"/> | | | | | |
| | | <input type="checkbox"/> | | | | | |
| | | <input type="checkbox"/> | | | | | |



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Executive Member: CNES

Date: 10/01/2022

ANNEX 1C: LIST OF TESTS DONE TO SUPPORT PROCUREMENT OF GP2 Relays

Tests conducted in compliance with:

- ESCC 3602 generic specification; Chart F4 (for ESCC/QPL parts);
- Or PID-TFD (for ESCC/QML parts)

Tests vehicle identification/description:

| | |
|---|--|
| 36020030112V (GP2-190E00-12V-962) DC : 20-25A | 3602 003 01 06V (GP2-050E00-06V-961) DC : 21-12A |
| | |
| | |

Detail Specification reference: 3602/003

| Chart F4 | Test | Tick when done | Conditions | Date Code | Tested Qty | No. of Rejects | Comments if not performed. Comments on Rejection |
|---|------------------------------|-------------------------------------|------------------------------------|-----------|------------|----------------|--|
| Environmental / Mechanical Subgroup (Column 1) | Thermal Shock | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 107 | 21-12A | 6 | 0 | |
| | Low Level Sine Vibration | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 204 | 21-12A | 6 | 0 | |
| | Random Vibration | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 214 | 21-12A | 6 | 0 | |
| | Low Level Mechanical Shock | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 213 | 21-12A | 6 | 0 | |
| | Resistance to Soldering Heat | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 210 | 21-12A | 6 | 0 | |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 21-12A | 6 | 0 | |
| | External Visual Inspection | <input checked="" type="checkbox"/> | ESCC Basic Specification No. 20500 | 21-12A | 6 | 0 | |
| Environmental / Mechanical Subgroup (Column 2) | High Level Sine Vibration | <input type="checkbox"/> | MIL-STD-202, Test Method 204 | | | | |
| | High Level Mechanical Shock | <input type="checkbox"/> | MIL-STD-202, Test Method 213 | | | | |
| | Seal (Fine and Gross Leak) | <input type="checkbox"/> | MIL-STD-202, Test Method 112 | | | | |
| | External Visual Inspection | <input type="checkbox"/> | ESCC Basic Specification No. 20500 | | | | |
| Endurance Subgroup 1 (Column 1) | Low Level Life | <input checked="" type="checkbox"/> | ESCC 3602 Para. 8.11.1 | 21-12A | 3 | 0 | |
| | Inductive Life | <input type="checkbox"/> | ESCC 3602 Para. 8.11.2 | | | | Only applicable to relays with Rated Resistive Load Contact Current greater than or equal to 5A. |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 21-12A | 3 | 0 | |
| | External Visual Inspection | <input checked="" type="checkbox"/> | ESCC Basic Specification No. 20500 | 21-12A | 3 | 0 | |



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| Chart F4 | Test | Tick when done | Conditions | Date Code | Tested Qty | No. of Rejects | Comments if not performed. Comments on Rejection |
|------------------------------------|----------------------------|-------------------------------------|------------------------------------|------------------|------------|----------------|--|
| Endurance Subgroup 1 (Column 2) | Coil Life | <input type="checkbox"/> | ESCC 3602 Para. 8.12 | | | | |
| | Seal (Fine and Gross Leak) | <input type="checkbox"/> | MIL-STD-202, Test Method 112 | | | | |
| | External Visual Inspection | <input type="checkbox"/> | ESCC Basic Specification No. 20500 | | | | |
| Endurance Subgroup 1 (Column 3) | Intermediate Current | <input checked="" type="checkbox"/> | ESCC 3602 Para. 8.13 | 21-12A | 3 | 0 | |
| | Mechanical Life | <input type="checkbox"/> | ESCC 3602 Para. 8.14 | | | | Only applicable to relays with Rated Resistive Load Contact Current greater than or equal to 5A. |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 21-12A | 3 | 0 | |
| | External Visual Inspection | <input checked="" type="checkbox"/> | ESCC Basic Specification No. 20500 | 21-12A | 3 | 0 | |
| Endurance Subgroup 2 | Resistive Life | <input checked="" type="checkbox"/> | ESCC 3602 Para. 8.11.3 | 20-25A 21-12A | 6 6 | 0 | |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 20-25A 21-12A | 6 6 | 0 | |
| | External Visual Inspection | <input checked="" type="checkbox"/> | ESCC Basic Specification No. 20500 | 20-25A 21-12A | 6 6 | 0 | |
| Assembly Capability Subgroup | Solderability | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 208 | 20-25A 21-12A | 3 3 | 0 | |
| | Overload | <input checked="" type="checkbox"/> | ESCC 3602 Para. 8.16 | 20-25A 21-12A | 3 3 | 0 | |
| | Permanence of Marking | <input type="checkbox"/> | ESCC Basic Specification No. 24800 | | | | Not applicable for laser marking |
| | Terminal Strength | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 211 | 20-25A 21-12A | 3 3 | 0 | |
| | Seal (Fine and Gross Leak) | <input checked="" type="checkbox"/> | MIL-STD-202, Test Method 112 | 20-25A 21-12A | 3 3 | 0 | |
| Additional Tests | | <input type="checkbox"/> | | | | | |
| | | <input type="checkbox"/> | | | | | |
| | | <input type="checkbox"/> | | | | | |



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NOTES ON THE COMPLETION OF THE APPLICATION FORM FOR ESCC QUALIFICATION APPROVAL

ENTRIES

- Form Heading** shall indicate:— the title of the component as given in its detail specification or the name of the series or family; — the entering date; — the serial number and the suffix of the form.
- Box 1** shall provide details given in table; in particular there shall be listed - the variants or range of variants; the range of components by using the ESCC code for values tolerances, etc.; the designation given in detail specification as 'based on'; ---under Test Vehicle enter either a cross or the specific characteristic capable to identify the component tested; — under component similar enter a cross.
- Box 2 and 3** Manufacturer's name and location of plant where the components were manufactured and tested.
- Box 4** Generic and detail specifications used during qualification program.
- Box 5** Reference to test report(s) submitted in support of application.
- Box 6** Enter details to identify the PID that was applicable at the time the qualification lot was manufactured.
- Box 7** If the PID was evolved after qualification lot manufacture, adequate details of such evolution shall be provided together with reasons for changes. Major changes shall be clearly marked.
- Box 8** The box serves to identify the current PID and the Executive Representative that has verified it together with the date of this occurrence.
- Box 9** This box can be completed only after a physical visit to the plant to confirm that the practices, procedures, materials, etc. used in manufacturing the components are as described in the PID. This survey shall be carried out in accordance with the requirements of ESCC Basic Specification No. 20200 and its findings shall be recorded.
- Box 10** Details entered shall be sufficient to evidence that an evaluation program according to ESCC Basic Specification No. 22600 has been performed and that the results thereof are summarized in the survey and test reports. If the evaluation program has not been carried out according to established ESCC documents, the applicant Executive Representative shall provide alternative data and declare its assessed degree of satisfactory compliance with the ESCC basic requirements. Reference shall be made to the reports on Destructive Physical Analysis (DPA), Failure Analysis and Non conformance (NCCS) issued during the Evaluation and/or Qualification Phase.
- Box 11** Enter the name of the Executive Coordinator and the signature.
- Box 12** To be used when there is a need to expand any of the boxes from 1 through 10. Identify box affected and reference the Box 12 in the relevant Box. Box 12 can be broken into 12a, 12b, etc. if several Boxes have to be expanded.
- Box 13** Fill table as requested.
- Box 14** Fill in any additional tasks required to achieve full compliance.
- Box 15** All Executive recommendations on the application itself, special conditions or restrictions, modifications of the QPL or ESCC QML entry, letters to the manufacturer, etc. shall be entered clearly in Box 15, signed by the ESA Representative.
- Box 16** Fill in Table as requested.
- Box 17** Confidential details of PID changes shall be provided.
- Box 18** State noncompliance with reference to specification(s) and paragraph(s). To simplify reference in Box 18 each nonconformance shall be sequentially numbered. If relevant state 'None'
- Box 19** Any additional action deemed necessary by the Executive Representative to bring the submitted data to a standard likely to be accepted by the ESCC Executive should be listed herein or the reason(s) to accept the nonconformance.
- Box 20** Additional Comments