



**estec**

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Italy

For the attention of Mr. C. Gravina

**Your ref.            184P**  
**Our ref.             ESA-TECQES-CE-022670**

**Noordwijk, 17 December 2021**  
**Subject: ESCC Qualification Certificate for Resistors**

Dear Sir,

We are pleased to inform you that, based on a review of the Lot Acceptance Test Report by the ESCC Executive, your plant in Vittorio Veneto, Italy remains qualified for the supply of Resistors, Heaters, Flexible Single and Double Layer.

Please note that, as specified in the relevant Certificate, the qualification status of the subject devices will be valid until November 2023.

If after this date, you wish to maintain the qualification status, you are required to notify your ESCC Executive Representative (ie. ESA/ESTEC, Noordwijk) by letter, copying the ESCC Executive Secretariat (address above, Attention TEC-QES), 2 months before the actual expiry date. At the same time, you should then provide ESCC Executive Representative with the following documents:

- Certificate of Compliance.
- List of agreed changes – if any – in manufacturing processes and/or materials used.
- List of hi-rel components supplied by your above mentioned plant during the preceding period (including the identification of the procurement testing level).
- Test evidence.

Upon receipt of these items and after investigation into your customers' experience regarding delivery times and quality of components supplied for European space projects, your ESCC Executive Representative will forward to the ESCC Executive an application for extension of Qualification Approval.

The ESCC Executive will:

- (a) if its findings are satisfactory immediately extend the qualification period by 2 years
- (b) if the situation is not satisfactory define the actions required to achieve a maintenance of qualification status.

Please be reminded that it is not permitted to mark components for space application with the ESA symbol after the qualification validity period has expired.

Yours faithfully,

B. Schade  
Head of the Product Assurance  
and Safety Department

Encl.

cc.  
M. Nikulainen, ESA/ESTEC, Noordwijk  
F. Chiusano, ESA/ESTEC, TEC-QES



**European Space Agency  
Agence spatiale européenne**

## **Certificate of Qualification No. 184P**

**This is to certify that IRCA RICA, Vittorio Veneto, Italy has been qualified by ESA for the supply of Resistors, Heaters, Flexible Single and Double Layer for use in ESA space programmes, according to ESCC Generic Specification 4009 and associated Detail Specification 4009/002 as recommended by the Space Components Steering Board.**

**This certificate is valid until November 2023.**

**Head of the Product Assurance  
and Safety Department**

**Date  
17 December 2021**