



**European Space Agency
Agence spatiale européenne**

Certificate of Qualification No. 396

This is to certify that ISABELLENHÜTTE HEUSLER GmbH & Co. KG, Germany has been qualified by ESA for the supply of Resistors, Heaters, Flexible, Single Layer based on Type HFF for use in ESA space programmes, according to ESCC Generic Specification 4009 and associated Detail Specifications 4009/006 as recommended by the Space Components Steering Board.

This certificate is valid until August 2028.

A handwritten signature in black ink, which appears to read 'Ali Zadeh', is positioned below the validity text.

**Head of the Avionics & EEE Division,
Electrical Department**

**Date
31 August 2026**