



estec

European Space Research
and Technology Centre
Keplerlaan 1
2201 AZ Noordwijk
The Netherlands
Tel. (31) 71 5656565
Fax (31) 71 5656040
www.esa.int

Straschu Leiterplatten GmbH
att. Mr Helmut Marczinske
An der Schmiede 15
26135 Oldenburg
Germany
T + 49 (0)441 2000 570
F + 49 (0)441 2000 581

Your ref.
Our ref. **TEC-QT/2010/33/SH**

Noordwijk, 27 Apr 2010
Subject: Qualification renewal of PCB manufacturer Straschu

Dear Mr Marczinske,

The succesful outcome was noted of the audit held in Dec 2009 minuted in QT/2009/1134/SH, the qualification renewal reported in QT5832, the delta qualification of the new FR4 laminate reported by Straschu in SQR0002 and the evaluation of through-hole integrity having resin recession reported in QT/2010/34/SH and QT6055. Therefore we are pleased to inform you that your facility is considered ESA qualified per ECSS-Q-ST-70-10C for the manufacture of the Printed Circuit Boards as stated below:

Double-sided and Multilayer (low Tg) FR4 epoxy PCBs with fused SnPb finish until April 2012

Yours Sincerely,

Stan Heltzel
Materials Technology Section

M. Nikulainen
Head of Materials Technology Division

CC: ESTEC TEC-Q W. Veith, A. de Rooij, C. Villette
 CNES J.L. Lortal