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**Amphenol-Invotec Tamworth  
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United Kingdom**

Our ref. ESA-TECMSP-LE-011616

Noordwijk, 01/11/2018

VISA: T Rohr (TEC-MSP)

**Subject: Qualification status of rigid sequential polyimide PCBs from Invotec**

Dear Mr Swarbrick,

Invotec submitted a rigid sequential polyimide PCB of Ventec material to ESA for qualification renewal in Sep 2018. The PCB is evaluated in ESA-TECMSP-RP-0011319. This report shows a non-conform solderability test, which has been dispositioned by a referee test of soldering a wire. Therefore, the evaluation is concluded to be acceptable.

Invotec is considered qualified in accordance with ECSS-Q-ST-70-60C for the manufacture of Printed Circuit Boards as follows:

- Rigid sequential polyimide PCBs in accordance with PID SM18T.iss.03 until 1 Nov 2020

Best regards,

Stan Heltzel  
Materials & Processes Section