IECEx Certificate of Conformity Annexe

Annexe for Certificate No.:	IECEx TSA 08.0046X	Issue No.:	0

Drawing list pertaining to Issue 0 of this Certificate:

Document No.	Sheets	Document Title	Issue	Date (yyyy/mm/dd)
NSTEC-DWG-00.sch	1	NSTEC Power Supply Circuit	F	2008/12/04
NSTEC-DWG-01.sch	2	NSTEC Main Board Circuit	F	2008/12/04
NSTEC-DWG – 02sch	2	NSTEC Front Pannel Circuit	E	2008/12/04
NSTEC – DWG - 03	3	CSIRO ISES Power (Power Board PCB)	2	2008/11/20
NSTEC – DWG – 04	3	CSIRO ISES Main (Main Board PCB)	2	2008/11/24
NSTEC – DWG – 05	4	CSIRO ISES Panel (Panel Board PCB)	1	2008/11/24
STEC-Z-001	2	Serial To Ethernet Converter Certification Details	1	2008/12/15
NSTEC-DWG-07	1	STEC typical Connection Diagram	B	2007/09/25
STEC-Z-002	1	NETLIST_NSTEC-DWG-00.prjPCB (BOM)	1	2008/12/16
STEC-Z-003	1	NETLIST_NSTEC-DWG-01.prjPCB (BOM)	1	2008/12/16
STEC-Z-004	1	NETLIST_NSTEC-DWG-02.prjPCB (BOM)	1	2008/12/16
STEC-Z-05	1	Important Information Required for Conformity to IECEX TSA 08.0046X (Manual)	0	2008/12/15
NSTEC-DWG-12	1	120mm 10 –pin Ribbon Cable Assembly Serial to Ethernet Connector	1	2007/07/13
NSTEC-DWG-13	1	120mm 16 –pin Ribbon Cable Assembly Serial to Ethernet Connector	1	2007/07/13

Certificate issued by:

TestSafe Australia
919 Londonderry Road
Londonderry NSW 2753 Australia

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Conditions of Certification pertaining to Issue 0 of this Certificate:

1. It is a condition of safe use that the following input output parameters must be taken into account when used.
   Input Parameters:
   Pins 1, 2, 3, 4 (Supply input) and Pins 20, 21, 22, 23 (RS422/485) of Connector J8; NSTEC-DWG-00.sch:
   Ui = 13 V
   Ii = 3.3 A
   Ci = 0µF
   Li = 0 mH
   Pi = Not applicable
   Output Parameters:
   Pins 20,21,22,23 (RS422/485) of connector J8;
   Uo = 7.14 V
   Io = 251 mA
   Co = 124 uF
   Lo = 933 uH
   Po = 0.447 W

2. It is a condition of safe use that the apparatus must be mounted inside an enclosure of ingress protection of at least IP54.

3. It is a condition of safe use that the enclosure is to be cleaned only with damp cloth to avoid electrostatic discharge.

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