

Certificate of Test



Certificate number: QinetiQ/TEG/TECS/TC1102428
Date of issue: 25 August 2011
Issue: Issue 1.0

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Administrative Information

Customer:	Advanced Technological Systems International Ltd. (ATSI)
Customer Representative:	Richard Morgan
Customer Address:	Unipart House, Cowley, Oxford, OX4 2PG
Customer Contact Number:	01494 873240
Customer Contract Number:	702011 dated 18 July 2011
QinetiQ EMES Task Number :	2925
Equipment Under Test (EUT):	ATSI UPS
Model/Serial Numbers:	See Table 1
Control / Test Plan References:	N/A
Test Specifications:	Def Stan 00-35 Part 3, Issue 4, M1 – General Purpose Vibration Test
Test Dates:	15 August 2011
Test Modes:	3 Axis: Longitudinal, Lateral, Vertical
EMES Test Engineer:	D J Gibson
EMES Test Manager:	M D Thomas
Location of Testing:	QinetiQ Farnborough, EMES Group, Building A5, Room G034

Test Item Details

Item	Manufacturer	Model Number	Serial Number
UPS	ATSI	6130-99-490-4703	20

Test Results

Test Profile	Orientation	Duration	Result
Figure A27: Light Vehicle – Materiel on Sponson or Installed in Hull, Tracked Vehicle – Low Level Test	Vertical	30 minutes	PASS
	Transverse	30 minutes	PASS
	Longitudinal	30 minutes	PASS
Figure A26: Light Vehicle – Materiel on Sponson or Installed in Hull, Tracked Vehicle – High Level Test	Vertical	30 minutes	PASS
	Transverse	30 minutes	PASS
	Longitudinal	30 minutes	PASS

Note 1. The EUT was un-powered during testing. A performance check was conducted prior to and after each test to confirm operational functionality.

Modifications

No modifications were carried out to the EUT during the period of testing.

IT IS HEREBY CERTIFIED THAT THE TESTS DETAILED IN THIS CERTIFICATE HAVE BEEN CARRIED OUT AS SPECIFIED, WITH THE RESULTS SHOWN TO THE REQUIREMENTS OF THE CONTRACT.

Full test details are retained in the QinetiQ File reference: QinetiQ/EMES/EMC/2925

Authorised
by :



Date : 25 August 2011

P A Lane
Senior Engineer
Electromagnetic and Environmental Services (EMES)
TEC Division