


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 Accredited to ISO/IEC 17025:2005	Rolls Royce Power Engineering PLC	
	Issue No: 008 Issue date: 16 December 2008	
	Rolls Royce Power Engineering PO Box 2000 Derby DE21 7XX	Contact: Mr R V Patel Tel: +44 (0)1332 661461 Fax: +44 (0)1332 622940 E-Mail: R.Patel@rolls-royce.com Website:

Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address Rolls Royce Power Engineering PO Box 2000 Derby DE21 7XX Local contact Mr R V Patel Tel: +44 (0)1332 661461 Fax: +44 (0)1332 622940 Email: R.Patel@rolls-royce.com	EMC Testing	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Any Customer Premises	EMC Testing	B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Aerospace components and equipment Electrical/electronic components Electrical/electronic products Electronic products, digital Electrical cables Electro-mechanical devices Defence electronics Marine equipment Motors: electrical Sonar equipment	EMC TESTS		
	1 Conducted Emissions from control/signal/supply and primary power lines: 20 Hz to 150 MHz	Def Stan 59-41:1988 Def Stan 59-41:Oct 1995 DCE01 and DCE02 DGS 250B:1981, Section 7	A, B
	2 Exported Transients, power lines:	Def Stan 59-41:1988 Def Stan 59-41:Oct 1995 DCE03	A, B
	3 Radiated Emissions Electric Field: 14 kHz to 1 GHz	Def Stan 59-41:1988 Def Stan 59-41:Oct 1995 DRE01 (except Land Service, Class A and B, 76-450 MHz) DGS 250B:1981, Section 8	A, B
	4 Radiated Emissions Magnetic Field: 20 Hz to 50 kHz	Def Stan 59-41:1988 Def Stan 59-41:Oct 1995 DRE02 DGS 250B:1981, Section 14	A, B
	5 Conducted Susceptibility primary power and control/signal lines: 50 kHz to 400 MHz	Def Stan 59-41:1988 Def Stan 59-41:Oct 1995 DCS01 and DCS03 DGS 250B:1981, Section 10 (Common Mode)	A, B
	6 Conducted Susceptibility power, control and signal lines: 50 kHz to 400 MHz	Def Stan 59-41:1988 Def Stan 59-41:Oct 1995 DCS02	A, B
	7 Radiated Susceptibility Magnetic Field: 20 Hz to 50 kHz	Def Stan 59-41:1988 Def Stan 59-41:Oct 1995 DRS01 DGS 250B:1981, Section 15	A, B



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As listed on Page 2	EMC TESTS (cont'd) 8 Radiated Susceptibility Electric Field: 14 kHz to 1 GHz up to 100 V/m Note: Where this test is performed (except in a screened enclosure) permission to transmit must be sought from the appropriate authorities.	Def Stan 59-41:1988 Def Stan 59-41:Oct 1995 DRS02 (except pulse modulation and Land Service, Class A, 1 MHz to 30 MHz) DGS 250B:1981, Section 11	A, B
	9 DC Magnetic Field Susceptibility Max dimension of EUT: 0.73 m Max field: 5100 At/m	Def Stan 59-41:1988 Def Stan 59-41:Oct 1995 DMFS01	A, B
	10 Spike Injection Supply Lines	DGS 250B:1981, Section 12	A, B
	11 Power Line Surges and Transients	Def Stan 59-41:Oct 1995 DCS05, DCS06, DCS11, DCS12	A, B
	12 Electrostatic Discharge	Def Stan 59-41:Oct 1995 DCS10	A, B
	Facilities: Screened enclosure: 5.44 m x 4.96 m x 3.28 m (L x B x H) with bench to Mil Std 462, 2.4 m x 1 m x 1 m Power supplies: 240V 50 Hz 16 A single phase 115V 60 Hz 32 A single phase 415V 50 Hz 32 A three phase 440V 60 Hz 63 A three phase		



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	Power supplies: (cont'd) 40V 50 A dc 200V 400 Hz 32 A three phase		
END			