Scope of accreditation

Testing according to SS-EN ISO/IEC 17025:2018

DELTA Development Technology AB | Västerås | Accreditation number 1688

A003121-001

Climate and environmental durability

Corrosion testing

Method	*Parameter*	*Material*	*Flex*	*Type of flex*	*Field*	*Note*
IEC 60068-2-11		Electrical equipment	Yes	2	No	
IEC 60068-2-52		Electrical equipment	Yes	2	No	

Climate and environmental durability

Temperature/Humidity

Method	*Parameter*	*Material*	*Flex*	*Type of flex*	*Field*	*Note*
IEC 60068-2-1		Electrical equipment	Yes	2	No	
IEC 60068-2-14		Electrical equipment	Yes	2	No	
IEC 60068-2-2		Electrical equipment	Yes	2	No	
IEC 60068-2-30		Electrical equipment	Yes	2	No	
IEC 60068-2-38		Electrical equipment	Yes	2	No	
IEC 60068-2-67		Electrical equipment	Yes	2	No	
IEC 60068-2-78		Electrical equipment	Yes	2	No	

Climate and environmental durability

Vibration and shock

Method	*Parameter*	*Material*	*Flex*	*Type of flex*	*Field*	*Note*
IEC 60068-2-27		Electrical equipment	Yes	2	No	
IEC 60068-2-6		Electrical equipment	Yes	2	No	
IEC 60068-2-64		Electrical equipment	Yes	2	No	

Electrical testing

EMC

Method	*Parameter*	*Material*	*Flex*	*Type of flex*	*Field*	*Note*
EN 61362-2-6		Electrical equipment	Yes	2	No	
3GPP TS 25.113		Electrical equipment	Yes	2	No	
3GPP TS 36.113		Electrical equipment	Yes	2	No	
3GPP TS 37.113		Electrical equipment	Yes	2	No	
ANSI C63.10		Radio equipment	Yes	2	No	
ANSI C63.4		Radio equipment	Yes	2	No	
CISPR 11		Electrical equipment	Yes	2	No	
CISPR 16-2-1		Electrical equipment	Yes	2	No	
CISPR 16-2-3		Electrical equipment	Yes	2	No	
CISPR 22		Electrical equipment	Yes	2	No	
CISPR 32		Electrical equipment	Yes	2	No	
EN 55035	Immunity	Systems and products	Yes	2	No	
EN 61000-3-2		Electrical equipment	Yes	2	No	
EN 61000-3-3		Electrical equipment	Yes	2	No	
ETSI EN 300 328		Radio parameters	Yes	2	No	
ETSI EN 300 330-1		Radio parameters	Yes	2	No	
ETSI EN 300 386		Electrical equipment	Yes	2	No	
ETSI EN 301 489-1		Radio equipment	Yes	2	No	
ETSI EN 301 489-17		Electrical equipment	Yes	2	No	
ETSI EN 301 489-23		Radio equipment	Yes	2	No	
ETSI EN 301 489-3		Electrical equipment	Yes	2	No	
ETSI EN 301 489-4		Radio equipment	Yes	2	No	
ETSI EN 301 489-50		Radio equipment	Yes	2	No	
ETSI EN 301 489-8		Radio equipment	Yes	2	No	
ETSI EN 301 502		Radio equipment	Yes	2	No	
ETSI EN 301 908-1		Radio equipment	Yes	2	No	

Electrical testing

EMC

Method	*Parameter*	*Material*	*Flex*	*Type of flex*	*Field*	*Note*
ETSI EN 302 608	Radiated emission	Radio equipment	Yes	2	No	
ETSI TS 101 087		Electrical equipment	Yes	2	No	
ETSI TS 125 113		Electrical equipment	Yes	2	No	
ETSI TS 136 113		Electrical equipment	Yes	2	No	
ETSI TS 137 113		Electrical equipment	Yes	2	No	
IACS E10		Marine equipment	Yes	2	No	Test nr. 13 - 20
IEC 60601-1-2		Medical Devices	Yes	2	No	Chapter 7-8
IEC 60945		Marine equipment	Yes	2	No	
IEC 61000-4-11		Electrical equipment	Yes	2	No	
IEC 61000-4-16		Electrical equipment	Yes	2	No	
IEC 61000-4-18		Electrical equipment	Yes	2	No	
IEC 61000-4-2		Electrical equipment	Yes	2	No	
IEC 61000-4-29		Electrical equipment	Yes	2	No	
IEC 61000-4-3		Electrical equipment	Yes	2	No	
IEC 61000-4-39		**Electrical equipment**	**Yes**	**2**	**No**	**Magnetic field immunity only (9 kHz - 26 MHz)**
IEC 61000-4-4		Electrical equipment	Yes	2	No	
IEC 61000-4-5		Electrical equipment	Yes	2	No	Except for 10/700 test on unshielded symmetrical lines
IEC 61000-4-6		Electrical equipment	Yes	2	No	
IEC 61000-4-8		Electrical equipment	Yes	2	No	
IEC 61000-4-9		Electrical equipment	Yes	2	No	
IEC 61000-6-1		Electrical equipment	Yes	2	No	
IEC 61000-6-2		Electrical equipment	Yes	2	No	
IEC 61000-6-3		Electrical equipment	Yes	2	No	
IEC 61000-6-4		Electrical equipment	Yes	2	No	
IEC 61000-6-5		Electrical equipment	Yes	2	No	

Electrical testing

EMC

Method	*Parameter*	*Material*	*Flex*	*Type of flex*	*Field*	*Note*
IEC 62236-3-2		Railway applications	Yes	2	No	
IEC 62236-4		Railway applications	Yes	2	No	
SS-EN 12895		Electrical equipment	Yes	2	No	
SS-EN 50121-3-2		Railway applications	Yes	2	No	
SS-EN 50121-4		Railway applications	Yes	2	No	
SS-EN 55011		Radio equipment	Yes	2	No	
SS-EN 55022		Systems and products	Yes	2	No	
SS-EN 55024		Systems and products	Yes	2	No	
SS-EN 55032		Systems and products	Yes	2	No	
SS-EN 60601-1-2		Medical Devices	Yes	2	No	Chapter 7-8
SS-EN 61000-4-11		Electrical equipment	Yes	2	No	
SS-EN 61000-4-18		Electrical equipment	Yes	2	No	
SS-EN 61000-4-2		Electrical equipment	Yes	2	No	
SS-EN 61000-4-29		Electrical equipment	Yes	2	No	
SS-EN 61000-4-3		Electrical equipment	Yes	2	No	
SS-EN 61000-4-39		**Electrical equipment**	**Yes**	**2**	**No**	**Magnetic field immunity only (9 kHz - 26 MHz)**
SS-EN 61000-4-4		Electrical equipment	Yes	2	No	
SS-EN 61000-4-5		Electrical equipment	Yes	2	No	Except for 10/700 test on unshielded symmetrical lines
SS-EN 61000-4-6		Electrical equipment	Yes	2	No	
SS-EN 61000-4-8		Electrical equipment	Yes	2	No	
SS-EN 61000-4-9		Electrical equipment	Yes	2	No	
SS-EN 61000-6-1		Electrical equipment	Yes	2	No	
SS-EN 61000-6-2		Electrical equipment	Yes	2	No	
SS-EN 61000-6-3		Electrical equipment	Yes	2	No	
SS-EN 61000-6-4		Electrical equipment	Yes	2	No	

Electrical testing

EMC

Method	*Parameter*	*Material*	*Flex*	*Type of flex*	*Field*	*Note*
SS-EN 61000-6-5		Electrical equipment	Yes	2	No	
SS-EN 61326-1		Electrical equipment	Yes	2	No	

Safety testing

Electrical safety

Method	*Parameter*	*Material*	*Flex*	*Type of flex*	*Field*	*Note*
IEC 60529			Yes	2	No	Vatten och damm
MIL-STD-202G, Method 301	**Dielectric Withstand Voltage**		**Yes**	**2**	**No**	
MIL-STD-202G, Method 302	**Insulation resistance**		**Yes**	**2**	**No**	

Changes in the scope of accreditation are in bold.

The scope of accreditation is flexible as specified in this decision. The accredited body must always retain a current list of the scope for which it is accredited.

Type of flexible scope
1: - Introduce new version of standard method and make editorial changes to non-standard method
2: - Introduce new version of standard method and make editorial changes to non-standard method - Introduce new version and modifications of non-standard method. The procedure must be equivalent - Introduce new parameter/component/characteristics - Introduce new measurement range - Introduce new material/new products/matrices - Introduce new method equivalent to methods already in the accreditation decision