



Acceptance Services
Network Rail
40 Melton Street
London. NW1 2EE

Certificate of Acceptance

Certificate No: PA05/03991

Issue: 1

Date: 20/10/2009

Effective date: 20/10/2009

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Product: AzLM Axle Counter Cable to NR/L2/SIG/30060

Manufacturer: CDC Cables (Cable de Comunicaciones)
Polligono de Malpica
Calle D No83
50016 Zaragoza S.L.
Spain

The product above is accepted for use on railway infrastructure for which Network Rail is the Duty Holder (as per the ROGS regulations) within the defined Scope of Acceptance and any specific conditions in the certificate. Where the product is to be used as part of infrastructure for which NR is not the duty holder (e.g. Leased station), this certificate may be taken as evidence that the product is compatible with NR infrastructure (within the Scope of Acceptance), however it shall not absolve the sponsor from complying with any product acceptance requirements of that duty holder before committing that product to use.

Failure to abide by the certificate requirements may lead to acceptance by Network Rail becoming invalid.

Scope of Acceptance

AzLM Axle Counter Systems

Specific Conditions:

Refer to the pages which follow for the product configuration and detailed conditions of use.

Authorised by:

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Head of Signal Engineering



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SPECIFIC CONDITIONS

MANUFACTURER

- Ensure that the latest relevant standards/ drawings are available and worked to, and that the product is compliant.
- Notify Network Rail Acceptance Services:
 - Within 48 hours, of any deficiencies affecting the product quality, functionality and safety integrity of the product (including corrective action undertaken or proposed).
 - Of any intended change to the accepted product. Changes include:
 - a) a change to the product configuration (to the actual product or its application);
 - b) a variation to or addition of manufacturing locations or processes; and
 - c) a change in the name or ownership of the manufacturing company.
- Provide all documentation in the English (UK) language.

USER CLAUSES

- Users of the product are responsible for ensuring compliance with the certificate conditions. If a condition is not understood guidance must be sought from Network Rail Acceptance Services.
- Users are responsible for ensuring that the product is fit for purpose and that the application of use complies with the scope of acceptance. Any product defect should be taken up immediately with the supplier. If the defect is a design or manufacturing fault likely to affect performance and/or the safe operation of the railway this shall be reported in writing to Network Rail Acceptance Services.
- Anyone becoming aware of a change to the product configuration (to the actual product or its application) should inform Network Rail Acceptance Services in writing.
- All staff required to use the equipment shall be suitably trained and, where appropriate, qualified as competent to use it.
- Where the product is to be used in areas where Network Rail is not the Duty Holder (e.g. Leased Stations), the sponsor shall obtain formal consent from the Duty Holder for the locality where the equipment is to be installed in compliance with Railway Group Standard GE/RT8270 to deploy that equipment on, or about, or as part of that party's on or about their infrastructure. The decision of that party is absolute, and cannot be overridden except through the escalation processes established in the ROGS regulations.



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PRODUCT CONFIGURATION

Description	PADS Nos
Type XPS Cable	
AzLM Axle Counter cable Type XPS 2 pair 0.9mm	006/170007
AzLM Axle Counter cable Type XPS 10 pair 0.9mm	006/170008
AzLM Axle Counter cable Type XPS 12 pair 0.9mm	006/170009
AzLM Axle Counter cable Type XPS 19 pair 0.9mm	006/170034
AzLM Axle Counter cable Type XPS 24 pair 0.9mm	006/170035
AzLM Axle Counter cable Type XPS 2 pair 1.4mm	006/170036
AzLM Axle Counter cable Type XPS 10 pair 1.4mm	006/170037
AzLM Axle Counter cable Type XPS 12 pair 1.4mm	006/170038
AzLM Axle Counter cable Type XPS 19 pair 1.4mm	006/170039
AzLM Axle Counter cable Type XPS 24 pair 1.4mm	006/170040

Type XQS Cable	
AzLM Axle Counter cable Type XQS Star-quad 0.9mm	006/170021
Type XPZ Cable	
AzLM Axle Counter cable Type XPZ 2 pair 0.9mm	006/170023
AzLM Axle Counter cable Type XPZ 10 pair 0.9mm	006/170024
AzLM Axle Counter cable Type XPZ 12 pair 0.9mm	006/170025
AzLM Axle Counter cable Type XPZ 19 pair 0.9mm	006/170026
AzLM Axle Counter cable Type XPZ 24 pair 0.9mm	006/170027
AzLM Axle Counter cable Type XPZ 2 pair 1.4mm	006/170028
AzLM Axle Counter cable Type XPZ 10 pair 1.4mm	006/170029
AzLM Axle Counter cable Type XPZ 12 pair 1.4mm	006/170030
AzLM Axle Counter cable Type XPZ 19 pair 1.4mm	006/170031
AzLM Axle Counter cable Type XPZ 24 pair 1.4mm	006/170032
Type XQZ Cable	
AzLM Axle Counter cable Type XQZ Star-quad 1.4mm	006/170033



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ASSESSED DOCUMENTATION

Reference	Title	Date and Applies to Cert. issue No.	
ES-0071/1993	Cables de Comunicacions ISO9001 Quality Management System Certificate	04.12.09	1
8407	ELAND Cables Ltd ISO9001 Quality Management System Certificate	04.06.08	1
PEQ 2009-2	Quality Plan for Axle Counter Cables	18.05.09	
1206	Axle Counter Cable Test Results	15.04.09	1
0100000025137	Laboratory – Raw material Test Report PE Core Insulation	1.02.08	1
CPP 1501	Technical Sheet, Single Polypropylene Identification tape	18.05.09	1
0100000028447- HD50WWWW	Laboratory – Raw material Test Report Binder	06.04.09	1
0100000027968- HF1ACWWWW	Laboratory – Raw material Test Report PJ Filler	24.02.09	1
30/030-FV	Product Information Sheet Fiberglass woven tape	May 09	1
0100000023019- HTEAWWWWW	Laboratory – Raw material Test Report Aluminium Moisture Barrier	08.05.09	1
0100000025339- HBE30W1W	Laboratory – Raw material Test Report PE Sheath	22.02.08	1
-	Sheathing Process – Spark Tester Arrangement	06.05.09	1
IGN 265	Laboratory Test Report Resistance to vertical flame propagation	18.03.09	1
0100000022462- HBF0WWWW	Laboratory – Raw material Test Report Fire & Smoke Emission	08.03.07	1
IG91	Laboratory Test Report Determination of Toxicity Index	-	1
IGN_HUM_264	Laboratory Test Report Measurement of smoke density of Electric cables under defined conditions	18.3.09	1
-	Atkins Rail Cable Test Results	15.10.09	1

CERTIFICATE HISTORY

Issue Number	Date	Issue History
1	20/10/09	First accepted for use.



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DISTRIBUTION

Manufacturer

Manuel Blasco Delgado
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