


Type Approval Certificate Extension

This is to certify that Certificate No. 05/00107 for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Millfield Enterprises (Manufacturing) Ltd
PLACE OF PRODUCTION	Shelley Road Newburn Industrial Estate Newburn Newcastle upon Tyne, NE15 9RT United Kingdom (UK)
DESCRIPTION	Resin socketing system for wire rope terminations
TYPE	Wirelock
APPLICATION	Termination of wire ropes for marine, offshore and industrial use.
SPECIFIED STANDARDS	EN 13411-4: 2011 – Terminations for steel wire ropes – Safety – Part 4 : Metal and resin socketing.
RATINGS	Wirelock: Rope diameter (mm): 6 to 154 Termination efficiency (%): 100
OTHER CONDITIONS	1. All terminations are to be made in accordance with Wirelock Technical Data Manual, and by suitably trained operators. 2. Sockets for Wirelock terminations are to be manufactured in accordance with EN 13411-4:2002..

Certificate No.	05/00107(E1)
Issue Date	7 June 2011
Expiry Date	29 November 2015
Sheet	1 of 2


P.F. Moysey
London Design Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

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"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. 05/00107(E1) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 05/00107 to which this extension should be attached.

Certificate No.	05/00107(E1)
Issue Date	7 June 2011
Expiry Date	29 November 2015
Sheet	2 of 2



P.F. Moysey
London Design Support Office
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CERTIFICATE NUMBER: 15-NC3007717-X1

PORT OFFICE: NEWCASTLE UPON TYNE, U.K.

Certificate of MANUFACTURING ASSESSMENT

This is to certify that: The Undersigned did evaluate the relevant manufacturing quality procedures for the type of products of the manufacturer:

Millfield Enterprises (Manufacturing) Limited Plant at Newcastle-Upon-Tyne

The methods of assuring and controlling quality during production as required by the ABS Rules or Guides for the product and the associated specifications or standard were verified to reflect the specific surveys, required by the Rules and Standards for the manufacture of:

Resin for the socket end connections of wire ropes

The manufacturer presented a sample or specimen of the product, representative of the "type" approved, to the undersigned, for the purpose of verifying that the "type" has been manufactured in conformance with the Manufacturer's Product Design Assessments.

This Certificate of Manufacturing Assessment is an evaluation of the manufacturer alone and is neither an approval nor a rejection of the product described above. Unless cancelled, expired or revoked, this certificate remains valid subject to annual audits

Consult the ABS Type Approval website to confirm the continued validity of this certificate and the status of the particular products being manufactured.

ISSUE DATE

15 October 2015

EXPIRATION
DATE

14 October 2020

SURVEYOR

PP
IAN D. HARNWELL

FIRST ANNUAL
ENDORSEMENT

SECOND ANNUAL
ENDORSEMENT

THIRD ANNUAL
ENDORSEMENT

FOURTH ANNUAL
ENDORSEMENT

Note This Certificate evidences compliance with one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a fuller description of any restrictions or limitation on the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

British Coal
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Burton-on-Trent, Staffs. DE15 0QD
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**British
COAL**

Headquarters Technical Department

APPLICATION NO 2340

15 July 1987

Our Ref: PW 20393

Millfield Enterprises Limited
Paygate Works
Crawcrook
RYTON
Tyne & Wear NE40 4PA

Dear Sir

BRITISH COAL ACCEPTANCE SCHEME FOR THE USE OF NON-METALLIC MATERIALS AND
SUBSTANCES
APP NO 2340 - MILLFIELD WIRELOCK SYSTEM (MEL/092) FOR RESIN CAPPING OF HAULAGE
ROPE

The above named application has been extended to include underground haulage
ropes subject to the following conditions:-

- (i) The chemicals shall be stored on the surface and only taken underground
in such quantities as is required for immediate use.
- (ii) All waste and unused materials shall be brought to the surface in the
packing container.
- (iii) Gloves and goggles shall be worn during use.
- (iv) Work shall be carried out only in areas of good ventilation.
- (v) No alterations to the formulations shall be effected without reference
back to British Coal for possible future testing.
- (vi) All supplies of the materials shall be indelibly marked with Acceptance
No 2340.
- (vii) Acceptance in no way commits British Coal to usage of the material.
- (viii) Acceptance may be withdrawn at the sole discretion of British Coal.
- (ix) The information in a report or an Acceptance number given for an item of
equipment must not be used in any advertisement unless permission has
been obtained from British Coal Purchasing & Stores Department in the
usual way for the clearance of advertisements.

Acceptance does not automatically mean that the product(s) meet(s) the requirements of:-

- a) any other British Coal Acceptance/Approval Scheme.
- b) a British Coal Specification.

This should be pursued by a potential supplier with the relevant Headquarters Technical and/or Purchasing & Stores Department.

Yours faithfully



F P Tolley
Head of Standardisation & Approvals

S/A 2

National Coal Board
27-28 South Parade, Doncaster DN1 2DX
Telex: 882161 (CBHOB G)
Station Code LOD

Headquarters Mining Department

Our ref PW 20393 Application No.A2340
Your ref

26th September, 1983

Mr. J.M. Dodd,
Millfield Enterprises Ltd.,
Millfield,
Newburn,
NEWCASTLE UPON TYNE,
Tyne & Wear.

Dear Mr. Dodd,

N.C.B. ACCEPTANCE SCHEME
NON-METALLIC MATERIALS UNDERGROUND
POLYESTER RESIN (MILLFIELD WIRELOCK SYSTEM) REF. NO MEL/092

I refer to the above application; the Working Group on the Introduction of Non-Metallic Materials Underground has accepted the application subject to the following conditions:-

- (i) The samples tested were representative of supply and no alterations to the formulations shall be effected without reference back to the Board for possible future testing.
- (ii) All supplies of the materials shall be indelibly marked with Acceptance Number A2340.
- (iii) Acceptance in no way commits the Board to usage of the material.
- (iv) Acceptance may be withdrawn at the sole discretion of the National Coal Board.
- (v) The information in a report or an Acceptance number given for an item of equipment must not be used in any advertisement unless permission has been obtained from the N.C.B. Purchasing and Stores Department in the usual way for the clearance of advertisements.

I enclose for your information a copy of Test Report No.RD/NMMB(83)53.

Yours sincerely



A. BLUCK
Head of Approvals

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