[1] # EU-TYPE EXAMINATION CERTIFICATE

[2] **Equipment or Protective System intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU**

[3] EU-Type Examination Certificate Number: **DEMKO 20 ATEX 2364X Rev. 0**

[4] Product: **Power Extension Cables, Models ECX-110 and ECX-240**

[5] Manufacturer: **Euramco Safety Inc.**

[6] Address: **2746 Via Orange Way, Spring Valley, CA 91978 USA**

[7] This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

[8] UL International Demko A/S, notified body number 0539 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no. **4788784924.1.1**

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 EN 60079-1:2014 EN 60079-7:2015 +A1:2018 EN 60079-31:2014

[10] If the sign "**X**" is placed after the certificate number, it indicates that the product is subject to special conditions for safe use specified in the schedule to this certificate.

[11] This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by the certificate.

[12] The marking of the product shall include the following:

II 2 G Ex db eb IIC T6 Gb

II 2 D Ex tb IIIC T80°C Db

Certification Manager
Jan-Erik Storgaard

This is to certify that the sample(s) of the Product described herein ("Certified Product") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Product Certification Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established Follow-Up Service or other surveillance of the product. The Manufacturer is solely and fully responsible for conformity of all product to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Date of issue: 2020-06-03

Notified Body UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark
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[13] **Schedule**

[14] **EU-TYPE EXAMINATION CERTIFICATE No.**

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[15] Description of Product:

Power Extension Cables are designed to temporarily extend the reach between an AC power source and an electrical device, such as portable fans, area lighting, etc., for use in hazardous locations.
The power extension cables, models ECX-110 and ECX-240, are built with three critical parts: Cable, Plug and Couplers.
Cables were selected based on the need for extra heavy-duty applications. Plugs and Couplers are separately ATEX certified and adequate for use in hazardous locations.

The ATEXPower Extension Cables are available for 110VAC (model ECX-110) or 240VAC (model EXC-240) power requirements.

Model ECX-110, for 110-130VAC, part number configuration:

H7	XX	XXX1	-	XX
A	B	C	-	D

Where:

A	Cable Type	H7 – H07RN-F
B	Wire Size	15 – 1.5 mm^2 25 – 2.5 mm^2
C	Cable Length (meters)	01 – 1 m 02 – 2 m ... 99 – 99 m
D	Connection Type	ATX1 – Appleton 110V CEA1 – CEAG 110V

and
(Only for Stahl 110-130VAC Power Cables)

H7	XX	XXX1	-	XX
A	B	C	-	D

Where:

A	Cable Type	H7 – H07RN-F
B	Wire Size	15 – 1.5 mm^2 25 – 2.5 mm^2 40 – 4.0 mm^2
C	Cable Length (meters)	01 – 1 m 02 – 2 m ... 99 – 99 m
D	Connection Type	STA1 – R. Stahl 110V

Model ECX-240, for 200-250VAC, part number configuration:

H7	XX	XXX2	-	XX
A	B	C	-	D

Where:

A	Cable Type	H7 – H07RN-F
B	Wire Size	15 – 1.5 mm^2 25 – 2.5 mm^2
C	Cable Length (meters)	01 – 1 m 02 – 2 m ... 99 – 99 m
D	Connection Type	ATX2 – Appleton 240V CEA2 – CEAG 240V

[13] **Schedule**

[14] **EU-TYPE EXAMINATION CERTIFICATE No.**

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and,
(Only for Stahl 200-250VAC Power Cables)

H7	XX	XXX2	-	XX
A	B	C	-	D

Where:

A	Cable Type	H7 – H07RN-F
B	Wire Size	15 – 1.5 mm^2 25 – 2.5 mm^2 40 – 4.0 mm^2
C	Cable Length (meters)	01 – 1 m 02 – 2 m ... 99 – 99 m
D	Connection Type	STA2 – R. Stahl 240V

Temperature range:
The relation between ambient temperature and the assigned temperature class is as follows:

Ambient temperature range	**Temperature class (Gas)**	**Maximum Surface Temperature (Dust)**
-20º C to + 40 ºC	T6	T80°C

Electrical data:
110VAC or 240VAC
Maximum current: 16 A

Routine tests
Routine tests are not required.

[16] Descriptive Documents
The scheduled drawings are listed in the report no. provided under item no. [8] on page 1 of this EU-Type Examination Certificate.

[17] Specific conditions of use:
The coupling socket-device must not be used in dust areas where highly charge-generating processes, machine friction and separation processes, electron spraying (e.g. around electrostatic coating systems) and pneumatically conveyed dust occur.
The flameproof joints are not intended to be repaired.

[18] Essential Health and Safety Requirements
The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional information
The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in Annex III to Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014.