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:	**Baseefa04ATEX0347X – Issue 8**
4	Product:	**MODEL 915Ex ELIMINATOR BAR**
5	Manufacturer:	**Meech Static Eliminators Limited**
6	Address:	**2 Network Point, Range Road, Witney, Oxfordshire, OX29 0YN**

7 This re-issued certificate extends EU Type Examination Certificate No. Baseefa04ATEX0347X to apply to product designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

8 SGS Fimko Oy, Notified Body number 0598, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

The examination and test results are recorded in confidential Report No. **see Certificate History**

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

Direct assessment against Directive 2014/34/EU

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of 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 this certificate.

12 The marking of the product shall include the following :

Ex II 2 GD IIB T6 Ta -20°C to +35°C

SGS Fimko Oy Customer Reference No. **1402** Project File No. **25/0136**

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13 # Schedule

14 ## Certificate Number Baseefa04ATEX0347X – Issue 8

15 Description of Product

The Model 915Ex Eliminator Bar, rated at up to 7kV 50/60Hz from a Meech power supply, is designed for the elimination of electrostatic problems associated with the processing of highly resistive web materials.

The unit is available in active lengths of up to 4m and comprises a PVC 'U' section bar into which are encapsulated a series of 100M Ohms resistive elements. A secondary PVC section encloses the 'U' section bar, except for a small opening which runs the length of the bar. A PVC end block is positioned at each end of the bar, and the complete assembly is slotted into an aluminium hollow section extrusion, at the incoming end of which is fitted an aluminium entry block which provides cable entry facilities. The exposed ends of the bar are fitted with PVC end caps.

A flexible PVC coated steel conduit is fixed to the aluminium entry block by means of a threaded cable entry device. The steel conduit provides mechanical protection for the high voltage supply cable.

The cable enters the polyurethane encapsulant and connects, in turn, to each of the resistive elements. At intervals, discharge pins protrude through the surface of the encapsulant and into the opening in the secondary PVC section. Each pair of discharge pins is coupled to the supply cable via a resistive element.

Mounting of the bar is by means of a recessed groove which runs along the underside of the aluminium hollow section extrusion.

The polyurethane encapsulant in the end sections at each end of the bar may be replaced by a polyamide encapsulant as indicated on the scheduled drawings

16 Report Number

See certificate history

17 Specific Conditions of Use

1. The Type 915EX eliminator bar shall be used in conjunction with either Meech Type 904, 904CM, 905 or 906HL power supplies. The power supplies are pre-set by the manufacturer and are not to be configured by the end user.
2. The power supply must be protected by a fuse capable of withstanding a prospective short circuit current of 4000A.
3. The bar shall be installed according to the manufacturer's installation instructions for the Model 915Ex.
4. The user must determine, in consultation with the manufacturer, the suitability of the apparatus for use with particular solvents.
5. When used in dust environments, the equipment may not be used in association with dusts having an electrical resistance equal to or less than $10^3\Omega$.m.
6. When used in dust environments, the equipment may be used only with dusts requiring an ignition energy of greater than 0.2mJ.

18 Essential Health and Safety Requirements

Conformity with the relevant Essential Health and Safety Requirements has been assured by direct assessment and justification within the report.

19 Drawings and Documents

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
D2870-XXXX	1-2	3A	06/08/2025	915Ex Technical Label

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
DMEE0236		8	27/7/2016	915 Assembly

20 Certificate History

Certificate No.	Date	Comments
Baseefa04ATEX0347X	25 November 2004	The release of the prime certificate. The associated test and assessment against the requirements of EN 50014: 1997 + Amds 1 & 2 and EN 50028: 1987 + Amd 1 is documented in Report No. 04(C)0390.
Baseefa04ATEX0347X /1	13 July 2005	Minor clarification to label details – no report.
Baseefa04ATEX0347X/2	14 December 2005	The equipment was assessed against the requirements of EN 50281-1-1: 1998 + Amd 1 and the marking is amended to include the following: ⟨Ex⟩ II 2 GD EEx m IIA T6 -20°C ≤ Tamb ≤ 35°C Minor potting changes. Report number 05(C)0648
Baseefa04ATEX0347X/3	14 March 2012	To allow the use of an alternative power supply, condition of use no. 1 updated – no report
Baseefa04ATEX0347X/4	4 July 2013	To allow an alternative high voltage supply cable – no report
Baseefa04ATEX0347X/5	2 August 2016	To allow use with an alternative power supply, condition of use no. 1 updated. To allow alternative potting colours. No report
Baseefa04ATEX0347X/6	13 October 2017	To allow the 915 Ex eliminator bar to be used in IIB gas atmospheres and update the name plate. Report number 15(C)0659
Baseefa04ATEX0347X Issue 7	7 May 2024	This issue of the certificate incorporates previously issued primary & supplementary certificates into one certificate and confirms the current design meets the requirements of Directive 2014/34/EU including the revision of the equipment marking to remove reference to the standards previously used. Minor drawing modifications. Report number GB/SGS/ExTR23.0164/00
Baseefa04ATEX0347X Issue 8	12 August 2025	This issue of the certificate allows the introduction of the 906HL power supply. Specific Condition of Use number one has been amended to accommodate this change. Report number 25(C)0136
For drawings applicable to each issue, see original of that issue.		