



(1) **Supplementary EU - Type Examination Certificate No.2**

(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

FTZÚ 06 ATEX 0217X

(4) Product: **Explosion Proof Induction Motor, type A . M 160 ..**

(5) Manufacturer: **EM Brno s.r.o.**

(6) Address: **Jílková 124, 615 32 Brno, Czech Republic**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 06 ATEX 0217X to apply to products 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) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product, as modified by this supplementary certificate, 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.

(9) In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20.04.2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20.04.2016.

(10) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2012+A11:2013, EN 60079-1:2014, EN 60079-7:2007

(11) The marking of the product shall include the following:

 **I M2 Ex db I Mb or Ex dbe I Mb**

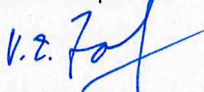
 **II 2G Ex db IIB+H₂ T4,T5 Gb or Ex dbe IIB+H₂ T4,T5 Gb (-50°C < T_{amb} < +60°C)**

 **II 2G Ex db IIB+H₂ T4,T5 Gb or Ex dbe IIB+H₂ T4,T5 Gb (-55°C < T_{amb} < +60°C)**

 **II 2G Ex db IIB T4,T5 Gb (-60°C < T_{amb} < +60°C)**

(12) This certificate is valid till: **31.12.2022**

Responsible person:



Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 12.12.2017

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13) **Schedule**

(14) **Supplementary EU - Type Examination Certificate No. 2
to FTZÚ 06 ATEX 0217X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Prolongation of certificate validity.
- Evaluation according to the newest standards EN 60079-0:2012+A11:2013, EN 60079-1:2014.

Rest of technical parameters and construction remain unchanged.

(16) Report Number.: 06/0217/2

(17) Specific Conditions of Use:

1. Verified values of the maximum gaps and minimum constructional length of flameproof joints of this enclosure are different from relevant minimum and maximum values mentioned in standard. To obtain information about joints dimension it is necessary to contact the manufacturer.
2. Fasteners with a minimum property class 8.8 shall be used for mounting of the flame proof enclosure parts.

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (10) of this supplementary certificate.

(19) Drawings and Documents:

Number	Sheets	Issue	Date	Description
9226244110	31	a	08.12.2017	Technical description
2 951 1091	1	a	07.12.2017	Drawing: "Schvalovací sestava"
2 600 1205	1	--	09.10.2017	Drawing "Svorkovnice"

Responsible person:

v.r. Faj

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 12.12.2017

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This certificate may only be reproduced in its entirety and without any change, schedule included.