EU Declaration of Conformity

The products: 3-phase induction motors for potentially explosive atmospheres as listed in this document on the pages 2...3 having correspondent name plate markings covered by those as listed.

The Manufacturer:

ABB Oy
Motors and Generators
P.O. Box 633
Strömbergin Puistotie 5A
FIN - 65101 Vaasa, Finland

ABB Sp.z.o.o
27 Placydowska Str.
PL-95-070 Aleksandrow Lodzki
Poland

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The products of the declaration described above are in conformity with the relevant Union harmonization legislation:

Directive 2014/34/EU

The following harmonized standards are applied in relation to which conformity is declared: EN 60079-0/A11:2013[1], EN 60079-1:2014[2], EN 60079-7:2015, EN 60079-31:2014[3] and relevant parts of the EN 60034 –series of standards.

Directive 2009/125/EC

The motors that are marked as IE2, IE3 or IE4 are in conformity with the requirements set in the Commission Regulation (EC) No. 640/2009 and the amending Regulation (EU) No. 4/2014.

Directive 2011/65/EU

Motors are in conformity with the Directive 2011/65/EU and the amending Annex II to this Directive of the Delegated Directive (EU) 2015/863 of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Notes:

Motors shall be installed and maintained according to the relevant standards and instructions of ABB Oy, Motors and Generators. When installed in converter supplied applications, additional requirements must be respected regarding the motor as well as the installation as described in the appropriate dedicated addendum

The conformity of the incorporation into a finished product according to the Directive 2006/42/EC shall be established by the commissioning party when a motor is fitted to the machinery.

Notified Bodies (ExNB): LCIE (0081), Av. Du Général Leclerc. 33, 92266 Fontenay-aux-Roses, France,
VTT Expert Services Ltd (0537), Otakaari 7B, 02044 Espoo, Finland
UL International Demko A/S (0539), Borupvang 5A, 2750 Ballerup, Denmark

Signed for and on behalf of: ABB Oy, Motors and Generators

Place and dateof issue: Vaasa, Finland, 2019-09-04

Harri Mykkänen

Vice President

3GZF500930-309L

Certificates:

Group & category, temperature class, type of protection, equipment protection level (EPL)	Motor type, IEC frame size	Certificate number
Flameproof enclosure "d" II 2G Ex d IIB / IIC T4/T5/T6 Gb or **Flameproof enclosure "d" with terminal box of protection "e"** II 2G Ex d e IIB / IIC T4/T5/T6 Gb In addition: **Dust ignition protection by enclosure « t »** II 2D Ex tb IIIB / IIIC T...ºC Db	M3J_/M3K_ 80	LCIE 11 ATEX 3086X
	M3J_/M3K_ 90	LCIE 11 ATEX 3085X
	M3J_/M3K_ 100-112	LCIE 10 ATEX 3092X
	M3J_/M3K_ 132	LCIE 10 ATEX 3093X
	M3J_/M3K_ 160	LCIE 11 ATEX 3087X
	M3J_/M3K_ 180	LCIE 11 ATEX 3088X
	M3J_/M3K_ 200	LCIE 10 ATEX 3061X
	M3J_/M3K_ 225	LCIE 10 ATEX 3057X
	M3J_/M3K_ 250	LCIE 10 ATEX 3063X
	M3J_/M3K_ 280	LCIE 11 ATEX 3089X
	M3J_/M3K_ 315	LCIE 11 ATEX 3090X
	M3J_/M3K_ 355	LCIE 10 ATEX 3089X
	M3JP/M3KP 400	LCIE 10 ATEX 3004X
	M3JP/M3KP 450	LCIE 11 ATEX 3008X
Flameproof enclosure "d" I M2 Ex d I Mb	M3JM 80	LCIE 11 ATEX 3086X
	M3JM 90	LCIE 11 ATEX 3085X
	M3JM 100-112	LCIE 10 ATEX 3092X
	M3JM 132	LCIE 10 ATEX 3093X
	M3JM 160	LCIE 11 ATEX 3087X
	M3JM 180	LCIE 11 ATEX 3088X
	M3JM 200	LCIE 10 ATEX 3061X
	M3JM 225	LCIE 10 ATEX 3057X
	M3JM 250	LCIE 10 ATEX 3063X
	M3JM 280	LCIE 11 ATEX 3089X
	M3JM 315	LCIE 11 ATEX 3090X
	M3JM 355	LCIE 10 ATEX 3089X
	M3JM 400	LCIE 10 ATEX 3004X
	M3JM 450	LCIE 11 ATEX 3008X
Flameproof enclosure "db" II 2G Ex db IIB / IIC T4/T5/T6 Gb or **Flameproof enclosure "db" with terminal box of protection "eb"** II 2G Ex db eb IIB / IIC T4/T5/T6 Gb In addition: **Dust ignition protection by enclosure « tb »** II 2D Ex tb IIIB / IIIC T...ºC Db	M3J_/M3K_ 80	LCIE 19 ATEX 3027 X
	M3J_/M3K_ 90	LCIE 19 ATEX 3028 X
	M3J_/M3K_ 100	LCIE 19 ATEX 3029 X
	M3J_/M3K_ 112	LCIE 19 ATEX 3030 X
	M3J_/M3K_ 132	LCIE 19 ATEX 3031 X
Flameproof enclosure "db" I M2 Ex db I Mb	M3JM 80	LCIE 19 ATEX 3027 X
	M3JM 90	LCIE 19 ATEX 3028 X
	M3JM 100	LCIE 19 ATEX 3029 X
	M3JM 112	LCIE 19 ATEX 3030 X

	M3JM 132	LCIE 19 ATEX 3031 X
Dust ignition protection by enclosure "tb" II 2D Ex tb IIIB / IIIC T...ºC Db	M3AA 90 – M3AA 280	VTT 13 ATEX 060X
	M3GP 71 – M3GP 450	DEMKO 18 ATEX 2077X
Increased safety "ec" II 3G Ex ec IIB / IIC T3 Gc In addition: **Dust ignition protection by enclosure "tc"** II 3D Ex tc IIIB / IIIC T...ºC Dc	M3AA 90 – M3AA 280	VTT 13 ATEX 059X
	M3GP 71 –M3GP 450	DEMKO 18 ATEX 2076X

1) A comparative study of the standards; EN 60079-0 (version A11: 2013 and 2012) shows that the products are not concerned by the substantial modifications. Ex db- and Ex db eb -products are in conformity with this standard.

2) A comparative study of the standards; EN 60079-1 (version 2007 and 2014) shows that the products are not concerned by the substantial modifications. Ex db- and Ex db eb -products are in conformity with this standard.

3) A comparative study of the standards; EN 60079-31 (version 2009 and 2014) shows that the products are not concerned by the substantial modifications. Ex db- and Ex db eb -products are in conformity with this standard.