

February 1, 2018

TMEIC Expands Lineup of Explosion Protected Motors and Furthers Globalization – Obtains International Certification and Starts Sales in India –

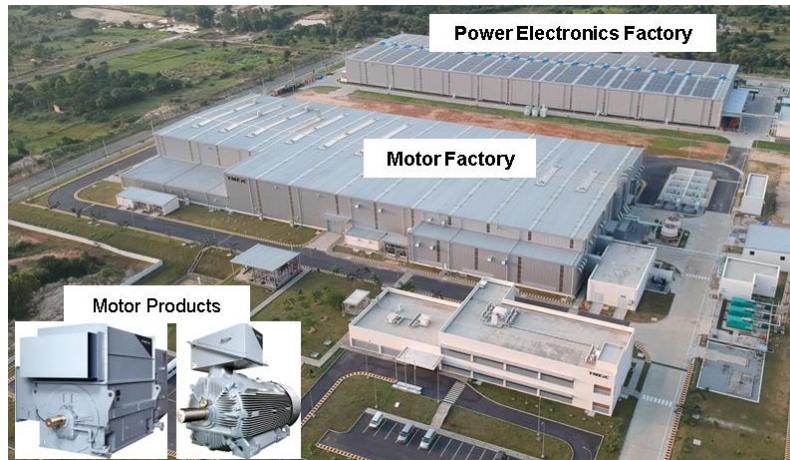
Toshiba Mitsubishi-Electric Industrial Systems Corporation (hereinafter, “TMEIC”; President & CEO Masahiko Yamawaki) is pleased to announce that it has obtained IECEx certification and ATEX certification (Ex ec and Ex tc) from SGS Baseefa, an international certification body, for its explosion protected motors, at TMEIC Industrial Systems India Private Limited (hereinafter, “TMIND”), a subsidiary in India. Sales of these motors for the domestic and international markets are underway*¹.

Explosion protected motors are used in such areas as transport equipment for oil and gas, petroleum refineries, petrochemical facilities, chemical synthesis plants and mines. There is risk of explosion or fire in such facilities if an electric spark or high-temperature substance comes into contact with the vapor of flammable gases and flammable liquids or combustible dust. It is essential to use explosion protected motors (motors designed to prevent explosion) in such cases in line with the level of danger. In addition, products compliant with international standards are demanded in the oil & gas and chemical industries due to their importance.

Obtaining the aforementioned certification means TMEIC will be able to meet diverse customer needs in Japan and around the world, including for the oil & gas industry, by adding explosion protected motors produced at TMIND to those already being produced in Japan.

Since starting operations in 2016, TMIND (Tumkur district of Bengaluru, Karnataka State), which gained the certification recently, has been taking orders in the range of several hundreds for large-capacity machinery that it delivers not only to the Indian market but also to the global market, receiving critical acclaim in the process.

Going forward, TMIND will expand its product menu at its factory and provide high-quality, competitive products to countries around the world.



IECEx Certificate of Conformity	
INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres	
No. 00000000000000000000000000000000	
Certificate No.:	IECEx 04.017-01146
Status:	Current
Date of Issue:	2017-12-06
Applicant:	TMEIC Industrial Systems India Private Ltd. Plot No. 100, Vidyaviharam Industrial Area, Budipura, Tumkur Taluk, Tumkur District, Karnataka State, 572102, India
Equipment:	A Range of Top Hat Motors of Frame Sizes 400-800 (optional assembly)
Type of Protection:	Increased Safety and Dust protected
Marking:	Ex ia IIC T4 Gb, Td IIIC Ta IIIC IIIC T4 Gb Ex tb IIIB T3G Dc, IIIC Ta IIIC IIIC T3 Gb
Approved for issue on behalf of the IECEx	
Certification Body:	R.B. Sarker
Position:	Technical Manager
Signature (or printed name):	
Date:	
1. This certificate and schedule may only be reproduced in full. 2. This certificate and schedule is the sole property of the issuing body. 3. The status and authority of this certificate may be verified by visiting the Official IECEx Website .	
Certificate issued by: SGS Bases Ltd. Basingstoke Business Park Basingstoke, Hampshire RG21 6XZ United Kingdom	

*1)

SGS Baseefa A global certification body for equipment intended for use in potentially explosive atmospheres with offices and research laboratories in the United Kingdom

IECEx	Name for the explosion protection certification system based on the international standard IEC
ATEX	Name for the explosion protection certification system based on the European standard EN
Ex ec	Explosion protection with Increased Safety for Zone 2
Ex tc	Explosion protection with Dust Exclusion for Zone 22

Media inquiries:

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In order to respond to the needs of manufacturing sites that serve as a foundation for supporting society, TMEIC always sets its eyes on the future of industry, society and the environment as an industrial systems integrator striking a balance between the development of society and a beautiful global environment. TMEIC will contribute to manufacturing and environmental management through leading-edge technologies based on its core technologies of rotating machinery, power electronics and engineering.