



GOVERNMENT OF INDIA
MINISTRY OF COMMERCE & INDUSTRY
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION (PESO)
 (Formerly Department of Explosives)
CGO COMPLEX SEMINARY HILLS
NAGPUR 440006



Letter No: A/P/HQ/MH/104/3714(P344476)

Email :explosives@explosives.gov.in

Phone/Fax No.2510248/2510577

Dated : 28/10/2014

To

M/s. ABB Limited
 Plot No. 5 & 6 Peenya Industrial Area
 Bangalore-560058
 BANGALORE(Urban) (District)
 Karnataka (State)

Sub:Approval of motors under Petroleum rules, 2002

Dear Sir(s),

Please refer to your letter No CCOE/AMI400 dated 16/09/2014 on the above subject.

The following Non Sparking equipment(s) manufactured by you according to IEC 60079-0 : 2011 & IEC 60079-15 : 2010 standards and covered under M/s. VTT Expert Service Ltd., Finland Test reports mentioned below are approved for use in **Zone 2** of Gas Group IIA/IIB/IIC hazardous areas coming under the purview of the Petroleum Rules, 2002 administered by this Organization.

Sr.No	Description	Safety Protection	CCEs Identification Number	Test House	Test Report No.	Drawing Numbers
1	Cage Induction motors AMI 400..., AMI 450... and 500 ...	Ex nA IIA/IIB/IIC T1-T4 Gc	P344476/1	M/s. VTT Expert Service Ltd., Finland	IECEX VTT 10.0007X {Issue No. 1} Dt.28/02/2012	As per Test Report
2	Cage Induction Motors AMI 560...630	Ex nA IIA/IIB/IIC T1-T4 Gc	P344476/2	M/s. VTT Expert Services Ltd., Finland	IECEX VTT 06.0001X {Issue No. 2} Dt.14/12/2011	As per Test Report

This Approval is granted subject to observance of the following conditions:-

- 1). The design and construction of the equipment shall be strictly in accordance with description, condition and drawings as mentioned in the M/s. VTT Expert Service Ltd., Finland Test Reports referred to above.
- 2). The equipment shall be used only with approved type of accessories and associated apparatus.
- 3). Each equipment shall be marked either by raised lettering cast integrally or by plate attached to the main structure to indicate conspicuously:-

- (a) Name of the manufacturer
 - (b) Name and number by which the equipment is identified.
 - (c) Number & date of the test report of the M/s. VTT Expert Service Ltd., Finland applicable to the equipment.
 - (d) CCEs Identification Number of this letter by which use of apparatus is approved.
- 4). A certificate to the effect that the equipment has been manufactured strictly in accordance with the drawing referred to in the M/s. VTT Expert Service Ltd., Finland Test report and is identical with the one tested and certified at M/s. VTT Expert Service Ltd., Finland shall be furnished with each equipment.
 - 5). The customer shall be supplied with a copy of this letter, an extract of the conditions and maintenance schedule, if any, recommended by M/s. VTT Expert Service Ltd., Finland in their test reports and copy of instructions booklet detailing operation & maintenance of the equipment so as to maintain its Non Sparking characteristics.
 - 6). The IS/IEC 60079-17 and IS/IEC 60079-19 shall be followed for maintenance and repair of overhaul of the subject equipments.

This approval also covers the permissible variations as approved under the M/s. VTT Expert Service Ltd., Finland test reports referred to above. This approval may be deemed to have been revoked with immediate effect at any time, if any of the conditions subject to which approval has been granted is violated or not complied with. The approval may also be amended or withdrawn at any time, if considered necessary in the interest of safety.

The field performance report from actual users/your customers of the subject equipment may please be collected and furnished to this office for verification and record at regular intervals.

The Approval otherwise is valid for a period of five years from the date of issue

Yours faithfully,



(V. B. MINJ)
Controller of Explosives
for Chief Controller of Explosives
Nagpur

Copy to :

1. The Jt. Chief Controller of Explosives, South Circle, Chennai

for Chief Controller of Explosives