



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/104/3797(P347130)
 Email
 :explosives@explosives.gov.in
 Phone/Fax No.2510248/2510577
 Dated : 12/12/2014

To
 M/s. ABB OY Motors and Generators
 P.O. Box 633
 Strombergin Puistotie 5A
 FIN -65101 VAASA
 Finland

Sub: Approval of motors under Petroleum Rules, 2002

Dear Sir(s),

Please refer to letter No ILVM/07/0014/01 dated 04/07/2014 from M/s. ABB Limited, Bangalore on the above subject.

The following Flame Proof equipment(s) manufactured by you according to IEC 60079-0 : 2007, IEC 60079-1 : 2007 & IEC 60079-7 : 2006 standards and covered under M/s. LCIE, France Test reports mentioned below are approved for use in **Zone I** of Gas Group 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	Three phase AC motors - M3JP 450...M3KP 450..	Ex de IIB T3-T6 Gb	P347130/1	M/s. LCIE, France	IECEX LCI 11.0023X Dt.19/05/2011	As per Test report
2	Asynchronous motors - M3JP/KP/JC/KC 180... (Generation H)	Ex de IIB or IIC T3- T6 Gb	P347130/2	M/s. LCIE, France	IECEX LCI 09.0009X {Issue No.2} Dt.21/11/2011	As per Test Report
3	Asynchronous motors - M3JP/KP/JC/KC 160... (Generation H)	Ex de IIB or IIC T3- T6 Gb	P347130/3	M/s. LCIE, France	IECEX LCI 09.0008X {Issue NO. 2} Dt.21/11/2011	As per test report
4	Three-phase AC motor - M3JP / M3KP 400	Ex de IIB or IIC T3- T6 Gb	P347130/4	M/s. LCIE, France	IECEX LCI 04.0032X {Issue no. 1} Dt.07/06/2011	As per Test report
5	Three-phase AC motor - M3J_100... Gen.H,M3K_100...Gen.H,M3J_112...Gen.H, M3k_112...Gen.H	Ex de IIB or IIC T3- T6 Gb	P347130/5	M/s. LCIE, France	IECEX LCI 04.0031X {Issue NO. 1} Dt.27/10/2011	As per Test Report
6	Three-phase AC motor - M3JP / M3KP 80	Ex de IIB or IIC T3- T6 Gb	P347130/6	M/s. LCIE, France	IECEX LCI 04.0029X {Issue NO. 1} Dt.16/11/2011	As per Test Report

7	Three-phase AC motor - M3J_250..., M3K_250..., M4JP 250..., M4KP 250...	Ex de IIB or IIC T3-T6 Gb	P347130/7	M/s. LCIE, France	IECEX LCI 04.0012X {Issue NO. 1} Dt.21/07/2011	As per Test report
8	Three-phase AC motors - M3J_200..., M3K_200..., M4JP 200..., M4KP 200...	Ex de IIB or IIC T3-T6 Gb	P347130/8	M/s. LCIE, France	IECEX LCI 04.0011X {Issue NO. 1} Dt.26/07/2011	As per Test Report
9	Three-phase AC motor - M3J_225..., M3K_225..., M4JP 225..., M4KP 225...	Ex de IIB or IIC T3-T6 Gb	P347130/9	M/s. LCIE, France	IECEX LCI 04.0005X {Issue NO. 1} Dt.22/07/2011	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. LCIE, France 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. LCIE, France applicable to the equipment
 - (d) CCEs Identification Number of this letter by which use of the 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. LCIE, France test report and is identical with the one tested and certified at M/s. LCIE, France shall be furnished with each equipment
- 5). The customer shall be supplied the copy of this letter, an extract of the conditions and maintenance schedule, if any recommended by M/s. LCIE, France in their test reports and copy of instructions booklet detailing operation and maintenance of the equipment so as to maintain its Flame Proof safety characteristics
- 6). The After sales service and maintenance of subject equipment shall be looked after by your representative M/s. ABB Limited, (LV Motors), Plot No. 5 & 6 Peenya Industria Area,,Bangalore,BANGALORE Karnataka (State)

This Approval also covers the permissible variation as approved under the M/s. LCIE, France test report referred 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.

This approval is otherwise valid 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
2. M/s. ABB Limited, (LV Motors), Plot No. 5 & 6 Peenya Industria Area,,Bangalore (Karnataka)

for Chief Controller of Explosives