

Document Checklist – Approval of Ex (Electrical) Equipment for use/installation in Hazardous Areas (From PESO) – Indian

1. Name and address of applicant/company.
2. Name and address of manufacturer indicating place of manufacture.
3. Profile of the manufacturer including documentary evidence about the company including its Directors/Partners (as the case may be) and authorized signatories.
4. Organizational setup of the manufacturer.
5. Quality control setup of the manufacturer at the manufacturing premises.
6. Details of equipments and machinery provided for manufacture and stage wise quality assurance including final Quality Control System.
7. Details of testing facilities available with manufacturer.
8. Service and maintenance setup by the manufacturer.
9. Zone and Gas Group for which approval is sought.
10. Applicable standards including Temperature Class under which testing of the equipment has been done by the approved Test House/Laboratory. At present testing shall be done in compliance to following standards viz

IS/IEC 60079-0: 2011	General requirements
IS/IEC 60079-1: 2007	Equipment protection by flameproof enclosures "d"
IS/IEC 60079-2: 2007	Equipment protection by pressurized enclosure "p"
IS/IEC 60079-5: 2007	Equipment protection by powder filling "q"
IS/IEC 60079-6: 2007	Equipment protection by liquid immersion "o"
IS/IEC 60079-7: 2006	Equipment protection by increased safety "e"
IS/IEC 60079-11: 2006	Equipment protection by intrinsic safety "i"
IS/IEC 60079-15: 2005	Equipment protection by type of protection "n"
IS/IEC 60079-18: 2009	Equipment protection by encapsulation "m"
IS/IEC 60079-25: 2003	Intrinsically safe electrical systems
IS/IEC 60079-26: 2006	Equipment with Equipment Protection Level (EPL) Ga
IS/IEC 60079-28: 2006	Protection of equipment and transmission systems using optical radiation
IS/IEC 60079-29-1: 2007	Gas detectors. Performance requirements of detectors for flammable gases
IS/IEC 60079-30-1: 2007	Electrical resistance trace heating. General and testing requirements

11. Copy of Test Report with copy of approved drawings from the Test House/Laboratory duly recognized by CCE.
12. Technical details of electrical components/apparatus if intended to be housed in the flameproof enclosure (for which approval is sought).
13. Copy of licence under BIS Marks Scheme with appropriate endorsements. (Only for Flameproof equipments/apparatus).