

ATEX QAN (QUALITY ASSURANCE NOTIFICATION)



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What is ATEX?

ATEX is The European Regulatory Framework for Manufacture, Installation and Use of Equipment in Explosive Atmospheres (denoted by Ex). It came into force in 2003, and was enacted in the UK by statutory Instrument (SI) 2002: 2776. It was called DSEAR (The Dangerous Substances and Explosive Atmospheres Regulations of 2002), and implemented both the ATEX and the Chemical Agents Directive (98/24/EC). ATEX is an abbreviation of the term (ATmosphères EXplosives) which is derived from "Appareils destinés à être utilisés en ATmosphères EXplosives" (French for Equipment intended for use in Explosive Atmospheres). ATEX consists of two directives. ATEX directives applies to all the electrical & mechanical equipment & protective systems which are located within potentially explosive environments. ATEX directives were adopted by EU (European Union) to facilitate the trade between the member states by aligning the technical and legal requirements for products intended for use in potentially explosive atmosphere.

- The ATEX 214 “Equipment” Directive 2014/34/EU: This Directive is for the manufacturer whose equipment and protective systems are intended for use in potentially explosive atmosphere.
- The ATEX 137 “Workplace” Directive 1999/92/EC: This Directive is for the minimum requirements for improving the safety and health protection of the workers working in a potentially explosive atmosphere.

What are the focus points of ATEX Certification?

- Product design and development process verification
- Compliance to technical specifications pertinent to the applicable product standard
- Consistency in Product quality and safety
- Reduction in rework and rejection percentage in manufacturing processes
- Enhanced process controls and better controls in shop floor operations
- Setting up system for documentation and records.

What are the document requirements for ATEX Certification?

The organization shall demonstrate continual improvement in the field of quality management system by maintaining, establishing, implementing and providing documented information.

The documented information required for ATEX Certification

- The organizations scope
- The organizations Quality policy and Quality Objectives
- A Quality Manual
- Standard operating Procedures
- Records at individual process / department. E.g. Sales, Purchase, Production, Quality Assurance, Maintenance, Customer Service.

Who all are eligible for ATEX Certification?

- On shore and off shore oil and gas rigs
- Petrochemical Refineries
- Fuel Distribution Depots
- Oil and gas pipeline installation, repair and maintenance.
- Chemical and pharmaceutical industries.
- Mining
- Building, construction and civil engineering in hazardous environments.
- Producers and users of solvents, paints, varnishes and other flammable liquids.
- Printing and textiles.
- Food manufacturers, wood processors, grain handling & storage- where dust are generated.
- Engineering where dust is created due to machining, grinding and sanding.

How will ATEX QAN Certification Benefit your Organization?

- Fast European market access for your product.
- Manufacturers targeting global market especially Europe for equipment to be installed in explosive environment.
- Entry passport for supply to in Explosive Atmosphere industries.
- Better business opportunities and revenue.
- Status of organization with premium certification.
- Elimination of non-value-added activities from the system.
- Satisfaction and Retention of Valuable Customers.
- Better sustainability prospects.

ATEX QAN Standard for Reference

- ISO 80079-34 - Explosive atmospheres – Part 34: Application of quality systems for equipment manufacture.
- ISO 9001 - Quality management systems – Requirements.
- ISO 14001 - Environmental management systems -- Requirements with guidance for use.
- OHSAS 18001 - Occupational Health and Safety Management.

What is the validity of ATEX QAN Certificate?

- A ATEX QAN certificate is issued every 3 years, a surveillance audit then takes place approximately every 18 months, (12 months if ISO 9001 certification is not held).

How PQSmitra help you with a Hassle – free Implementation Process for ATEX QAN?

PQSmitra has helped many organizations achieving this mark of excellence. The simple and practical method of system implementation help organizations to set up a robust and effective system. We offer 100% support for documentation compliance in addition to onsite guidance for effective implementation. The implementation process is described below:

- Initial visits and review of the existing product
- Gap analysis and planning for the technical documentation related to ATEX Quality Assurance Notification (QAN)
- Training and Hand holding/ support for implementation
- Management review meeting
- Certification audit
- Closure of non-conformities
- ATEX QAN Rewards the certificate to the organization.



PQSmitraService Features appreciated by clients



Simple &
Practical Approach



21 Years of
Service



2500+
Successful Projects



5,56,000+
Consulting Hours

PQSmitra

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