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ISO Certifications

ISO 27001

ISO 27001 is an international standard that outlines the requirements for establishing, implementing, maintaining, and continually improving an Information Security Management System (ISMS).

It aims to help organizations protect information assets by managing the security risks associated with the use, storage, and transmission of information.

The key purposes of ISO 27001 include:

- **Risk Management**: It provides a systematic approach to managing sensitive company information, ensuring that it remains secure.

- **Compliance**: Helps us comply with legal, regulatory, and contractual requirements related to information security.
- **Trust**: Builds trust with our customers and stakeholders by demonstrating that we take information security seriously.
- **Resilience**: Enhances our ability to handle security incidents and reduce the impact of potential breaches.

By following ISO 27001, Otodata creates a robust framework that helps protect information assets and build a culture of security awareness.

ISO 9001

ISO 9001 is an international standard for quality management systems (QMS) that helps organizations ensure they consistently meet customer expectations and regulatory requirements. It provides a structured framework for improving product and service quality, operational efficiency, and customer satisfaction. The standard is built around several key principles and purposes that guide Otodata toward continuous improvement and effective quality management.

Key Purposes of ISO 9001:

- **Customer Satisfaction**: Ensuring that customer needs and expectations are met consistently, enhancing trust and loyalty.
- **Continuous Improvement**: Fostering a culture of ongoing improvement in processes, products, and services to enhance efficiency and quality.
- **Process Management**: Establishing a process-based approach to increase consistency, reduce errors, and optimize resource use.
- **Evidence-Based Decision Making**: Encouraging decisions based on data and analysis to ensure that improvements are driven by objective insights.
- **Risk Management**: Identifying and addressing risks to quality and operational performance before they affect outcomes.
- **Employee Involvement**: Promoting engagement and accountability at all levels of the organization to improve performance and quality outcomes.

ISO 9001 certification demonstrates Otodata's commitment to quality, helping us stay competitive, build customer confidence, and ensure sustainable growth.

ISO 80079-34

ISO 80079-34 is an international standard that provides guidelines for the manufacture and assembly of equipment and protective systems intended for use in explosive atmospheres.

Specifically, it focuses on the quality assurance requirements for organizations involved in the production of equipment and systems designed for explosive environments (Ex equipment). This standard applies to equipment used in potentially explosive atmospheres where there is a risk of fire or explosion, such as in industries like oil and gas, chemicals, and mining.

Key Purposes of ISO 80079-34:

- **Ensure Safe Manufacturing**: To ensure that the equipment and protective systems produced are safe and suitable for use in explosive atmospheres, protecting both personnel and property from hazards.
- **Quality Assurance for Ex Equipment**: Establishing a structured approach for quality management throughout the manufacturing process of Ex equipment, including design, production, and testing.
- **Compliance with International Standards**: Helping manufacturers meet the essential safety and performance requirements for explosive atmospheres, aligning with global standards and regulations.
- **Risk Mitigation**: To reduce the risks associated with equipment failure in hazardous environments by enforcing strict quality control and testing procedures.
- **Consistent Quality Management**: Defining a process for ongoing monitoring, auditing, and continuous improvement of quality management systems within organizations handling Ex equipment.
- **Documentation and Traceability**: Establishing clear documentation practices to ensure traceability and accountability, which are critical for regulatory compliance and safety inspections.

ISO 80079-34 certification demonstrates Otodata' s commitment with the design, production, and supply of equipment for explosive atmospheres, ensuring that these products meet the required safety standards and regulatory frameworks to prevent accidents.

Product Certifications

TM5240

Hazardous Location Classification
Class I, Div 1, Groups CD, T3. Ex ia IIB T3 Ga.
Class I, Zone 0, AEx ia IIB T3 Ga.

IECEx Classification
Ex ia IIB T3 Ga

ATEX and UKEX Classification
II 1 G Ex ia IIB T3 Ga

Temperature Range
-40°C ≤ Tamb ≤ +60°C

ASSOCIATED APPARATUS ENTITY PARAMETERS
Uo [V] = 3.9V, Io [mA] = 335mA, Po [mW] = 119mW, Co [µF] = 425uF, Lo [µH] = 10.17uH

FCC (Federal Communications Commission)

The FCC certification ensures that electronic devices comply with U.S. regulations on electromagnetic interference (EMI) to prevent harmful interference with communication systems. It applies to electronic products such as mobile phones, computers, and radio frequency devices.

Country/Region: United States

IC (Industry Canada)

The IC certification ensures that electronic devices meet Canadian standards for electromagnetic interference and radio frequency compliance. It is similar to the FCC certification but applies to products sold in Canada.

Country/Region: Canada

CE (Conformité Européenne)

The CE mark indicates that a product conforms to European Union (EU) health, safety, and environmental protection standards. It is required for many products sold within the EU, including electronics, machinery, and medical devices.

Country/Region: European Union (EU)

INMETRO (Instituto Nacional de Metrologia, Qualidade e Tecnologia)

INMETRO certification ensures that products sold in Brazil meet national safety, quality, and environmental standards.

Country/Region: Brazil

ANATEL (Agência Nacional de Telecomunicações)

ANATEL certification is required for telecommunications products and devices in Brazil. It ensures that these products meet regulatory standards for radio frequency and electromagnetic compatibility to operate in Brazil's telecommunications network.

Country/Region: Brazil

Israel TLE (Telecommunications Ministry Labeling and Approval)

The Israel TLE certification ensures that telecommunications equipment and devices comply with Israel's national standards for electromagnetic compatibility and radio frequency use. It is required for devices that transmit or receive radio signals, ensuring they do not interfere with Israel's telecommunications networks.

Country/Region: Israel

The Regulatory Compliance Mark (RCM)

The RCM indicates that electronic devices meet Australia's requirements for electrical safety, electromagnetic compatibility (EMC), and radio communications. It applies to

products such as power supplies, IT equipment, household appliances, and wireless devices.

Country/Region: Australia, New Zealand

TM5040

Hazardous Location Classification
Class I, Division 2, Groups CD, T3, -40°C ≤ Ta ≤ +60°C
Class I, Zone 2, Group IIB T3

FCC (Federal Communications Commission)

The FCC certification ensures that electronic devices comply with U.S. regulations on electromagnetic interference (EMI) to prevent harmful interference with communication systems. It applies to electronic products such as mobile phones, computers, and radio frequency devices.

Country/Region: United States

IC (Industry Canada)

The IC certification ensures that electronic devices meet Canadian standards for electromagnetic interference and radio frequency compliance. It is similar to the FCC certification but applies to products sold in Canada.

Country/Region: Canada

RC1010

Hazardous Location Classification
For use in USA:
Class I, Zone 0, AEx ia IIC T4 Ga
Class I, Division 1; Groups A, B, C, D

For use in Canada:
Ex ia IIC T4 Ga
Class I, Division 1; Groups A, B, C, D

IECEx Classification
Ex ia IIC T4 Ga

ATEX and UKEX Classification
II 1G Ex ia IIC T4 Ga

Temperature Class: T4 Ambient	Temperature Range -40°C ≤ Tamb ≤ +60°C

FCC (Federal Communications Commission)

The FCC certification ensures that electronic devices comply with U.S. regulations on electromagnetic interference (EMI) to prevent harmful interference with communication systems. It applies to electronic products such as mobile phones, computers, and radio frequency devices.

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Country/Region: Canada

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Country/Region: European Union (EU)

INMETRO (Instituto Nacional de Metrologia, Qualidade e Tecnologia)

INMETRO certification ensures that products sold in Brazil meet national safety, quality, and environmental standards.

Country/Region: Brazil

Customer Support
+1 (514) 673-0244
Toll-free: +1 (844) 763-3344
support@otodata.com

ANATEL (Agência Nacional de Telecomunicações)

ANATEL certification is required for telecommunications products and devices in Brazil. It ensures that these products meet regulatory standards for radio frequency and electromagnetic compatibility to operate in Brazil's telecommunications network.

Country/Region: Brazil

Postal and Telecommunications Regulatory Authority of Zimbabwe (POTRAZ)

This certification ensures that telecommunications equipment, including both local and imported devices, comply with Zimbabwe's technical, safety, and radio frequency standards.

Country/Region: Zimbabwe

The Regulatory Compliance Mark (RCM)

The RCM indicates that electronic devices meet Australia's requirements for electrical safety, electromagnetic compatibility (EMC), and radio communications. It applies to products such as power supplies, IT equipment, household appliances, and wireless devices.

Country/Region: Australia, New Zealand

Rotarex Level Sensor Type 487 and 462

IECEx Classification
Ex ia IIB T3 Ga

ATEX and UKEX Classification
II 1G Ex ia IIB T3 Ga

Temperature Range
-25°C ≤ Tamb ≤ +60°C

DM2700

Hazardous Location Classification
Class I, Div 1, Groups CD, T4.
Ex ia IIB T4 Ga.
Class I, Zone 0, AEx ia IIB T4 Ga.

ATEX and UKEX Classification
II 1 G Ex ia IIB T4 Ga

Temperature Range
-25°C ≤ Tamb ≤ +50°C

Customer Support
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support@otodata.com

IECEx Classification Ex ia IIB T4 Ga	-30°C ≤ Tamb ≤ +50°C

FCC (Federal Communications Commission)

The FCC certification ensures that electronic devices comply with U.S. regulations on electromagnetic interference (EMI) to prevent harmful interference with communication systems. It applies to electronic products such as mobile phones, computers, and radio frequency devices.

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Country/Region: Canada

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Country/Region: European Union (EU)

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