

Report No.: 384348700

Notification No. DEKRA 11ATEXQ0121, Issue 6

IECEx QAR No.: NL/DEK/QAR13.0038/08

Assessment in accordance with the requirements of:	ATEX ☒ IECEx ☒	
Manufacturer:	Kenco Engineering Company 10001 East 54th Street Tulsa, OK 74146 USA	
Manufacturing Location audited:	Kenco Engineering Company 10001 East 54th Street Tulsa, OK 74146 USA	
Employee count:	Total onsite: 98	Total involved in Ex products: 12
Type of audit:	☐ Initial Assessment ☒ Re-Assessment	☐ Surveillance Assessment ☐ Special Audit
Electrical equipment with type(s) of protection of	☒ d	
Date(s) of Audit:	20 May 2026	
Number of man-days:	1 man-day on-site	
Lead Assessor: (name)	Darrin Lombard	
Lead Assessor: (Signature)		



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4. Observations

Recommended Next Audit due: within 18 months, approximately 20 November 2027.

1. SUMMARY REPORT

Summary of observations:

The manufacturer's production site operates an ISO 9001 : 2015 certified quality management system.

To fulfil the requirements of:

- ☒ the international standard ISO/IEC 80079-34 : 2018,
 - ☒ the European standard EN ISO/IEC 80079-34 : 2020 and Directive 2014/34/EU– Annex IV and VII,
- three (3) items were raised during the audit, which are mentioned as nonconformities below.

Non-Conformities

The following nonconformities were raised during the audit:

NCR	Standard and clause
1.	80079-34, cl. 7.2
2.	80079-34, cl. 7.5.3
3.	80079-34, cl. 9.2

Individual non-conformities are recorded on the non-conformity reports

Previous Audit report no NL/DEK/QAR13.0038/07:

There were no NCR issued nor corrective actions required.

Deviation from the audit plan and reasons:

None.

Significant issues impacting on the audit programme:

None.

Significant changes that affect the management system since the last audit:

Ex Authorized person Ben White is no longer with the company. Leslie Banks has taken on the role and responsibilities.

Statement on the conformity and the effectiveness of the management system

Based on the results of internal audits and management reviews, the conformity and effectiveness of the management system is confirmed.

The certification scope is satisfactory for the production of the products covered by this assessment.

The audit objectives have been fulfilled and are sufficiently covered by the quality management system. For details, see chapter 3 "Assessor's report".

Disclaimer

Auditing is based on a sampling process of the available information at the time of the assessment. DEKRA Certification B.V. is not responsible nor can be held accountable for activities, conditions, operations, actions or failure of actions by facility staff that may occur or not occur after the auditor(s) leave the facility.

Audit Team Leader Recommendations:

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- ☒ – ATEX Notification
- ☒ – IECEX 02 QAR
- ☐ to be issued/maintained
- ☒ to be issued/maintained following receipt of satisfactory documentary evidence supporting effective corrective action. Corrective action to be verified at next audit.
- ☐ to be issued/maintained following a satisfactory follow-up visit and verification that corrective actions have been effectively documented and implemented.
- ☐ to be refused/suspended A further complete assessment to be conducted.
- ☐ to be refused/suspended close the application/withdraw the notification/Report and inform other ATEX notified bodies/IECEX 02 Secretary.

Accepted by ATEX Notified Body / IECEX 02 ExCB:

DEKRA Certification B.V.

24 June 2026



H.J. Sijrier
EX Certification Manager

2. AUDIT INFORMATION

2.1 Scope of Audit:

Products certified per IECEX Certificate of conformity and/or EU- or EC-Type examination certificates as listed in the online IECEX QAR or Schedule to ATEX notification, with the types of protection as detailed therein.

- ☒ – **Type A** ~~initial assessment~~/reassessment of manufacturer with a certified Quality Management System
- ☐ – **Type B** initial assessment/reassessment of manufacturer without a certified Quality Management System
- ☐ – **Type C** surveillance of manufacturer with a certified Quality Management System
- ☐ – **Type D** surveillance of manufacturer without a certified Quality Management System

The (mis)use of marks and/or any other reference to certification is assessed. No discrepancy was found.

- ☒ – The manufacturing does not operate in shifts.
- ☐ – The manufacturing operates in shifts and each shift uses the same procedures, work instructions and qualified persons, therefore it is considered not necessary to audit each shift.
- ☐ – The manufacturing operates in shifts and all shifts have been assessed during the audit.

2.2 Audit Criteria

To verify if the requirements of Directive 2014/34/EU Annex IV and/or VII and/or IECEX 02 rules in relation to existing (or shortly to be issued) ATEX, or IECEX 02 certificates are met, by using the following standard(s):

- ☒ (EN) ISO/IEC 80079-34 : 2018 (2020)- Explosive atmospheres – part 34: Application of quality management systems for Ex Product manufacture

Reference documents used:

EN ISO 9001 : 2015 - Quality management systems – Requirements

2.3 Objectives of the audits:

The following audit objectives are accomplished by the audit:

- determination of the conformity of the management system (including management system requirements supporting conformity of the product), or parts of it, with the audit criteria as stated;
- determination of the ability of the management system to ensure the applicable requirements in accordance with Directive(s), rules or regulations as defined in the Audit Criteria are met;
- determination of the effectiveness of the management system;
- as applicable, identification of areas for potential improvement of the management system;
- determination of the conformity of the product with the type described in the EC- or EU-Type Examination Certificate and/or IECEX Certificate of conformity and with the requirements of Directive(s), rules or regulations as defined in the Audit Criteria which apply to it;
- determination of the appropriate use of marks.

2.4 Certified Quality System

ISO 9001 Certificate No	Certified by	Expiry date	Scope covers the manufactured ATEX/IECEX products
Q18622026.1	Soleir LLC	13 April 2029	☒ Yes ☐ No

A digital copy of the ISO 9001 certificate issued by a body accredited by an IAF signatory organization is stored as evidence.

If ISO 9001 certified, were non-conformities from the last ISO 9001 audit reviewed?

☐ Yes ☐ No ☒ N/A (no NCs)

Comments to ISO 9001 non-conformities.

The 2026-March-2~4 audit report has been evaluated during the audit. KENCO has a mature ISO 9001 quality management system that functions as intended.

2.5 Composition of Audit Team:

Name	Position	Role in Audit (Sole Auditor, Team Leader, Auditor, Technical Specialist, etc)
Darrin Lombard	Lead Assessor	Sole Auditor

2.6 Interviewed representatives of manufacturer (auditees):

Name	Position	Opening meeting	Closing meeting
Leslie Banks	Quality Health & Safety Manager (Ex Authorized Person)	☒	☒
Amanda Currens	Quality Inspector	☒	☐
Darrell Miller	Design Engineer (Ex Authorized Person)	☐	☐

2.7 External Providers: (List critical suppliers reviewed during audit of supplier evaluation)

Name	Item or Service	QMS Certificate(s)
Carlton-Bates	Switch	Supplier Evaluation and Certification of Conformity
Ledford Gage Lab, Inc.	Calibration	ISO Cert No: FS 40899
Nameplates Inc.	Nameplates 33927, 89637	Supplier Evaluation and Certification of Conformity
T & L Foundry Inc.	Enclosure Castings 44084, 38978	Supplier Evaluation and Certification Form

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2.8 Manufacturers Documentation: (List manufactures documentation related to this Quality Audit Report)

No.	Document No.	Document Name	Rev.	Date
1.	☒ ISO-ATEX QSM	Quality System Manual (ISO9001:2015, ISO/IEC80079-34:2011 – ATEX Directive 94/9/EC)	14	2026 Apr 7
2.	☐ QP 6.2.2	Training of Shop Personnel	3	2022-01-11
3.	☐ QP 7.3.1	Design & Review (workflow for standard product)	C	2022 Oct 03
4.	☒ QP 7.6	Calibration	1	2024 Mar 18
5.	☐ QP 8.2.2	Internal Audit	3	2022 Jan 11
6.	☐ QP 4.2.3	Document and Data Control	4	2017 Jan 18
7.	☐ QP 4.2.4	Record Control	3	2021 Mar 16
8.	☒ QP 7.5.3	Ex Documentation Review	-	2018 Dec 07
9.	☒ QP 9.1	ATEX Critical Component Traceability	0	2020 Jun 15
10.	☐ QSHE 1.1	KENCO Document and Revision History Control Index	5	2023 Jun 28

Note: An ☒ is included before the title of documents that are new or revised at an up- issue of the report.

2.9 Manufacturers Ex Certificates of Conformity:

Ex Certificate No.	Short description of Ex equipment	Ex protection	Routine test required	Certificate checked
KEMA 07ATEX0129X	Oil Level Controllers/Switches, Models KLCE, KES, KLCE-DPDT, KES-DPDT, KHL, KHL-ES, KHL-DPDT, KHL-ES-DPDT, KSHL, KSHL-ES, KSLI and KSLI-ES	d	Y ☐ N ☒	☒

3. ASSESSOR'S REPORT

(EN) ISO/IEC 80079-34 requirements:

Note: Possible audit verdicts (V): P = Pass, NA = Not applicable, O = Observation, NC = Non-Conformity, the Non-conformity number against a clause where a Non-conformity has been issued is added.

Clause 4 - Context of the organization

Clause	Description	Reference documents	Audit findings	V
4.1	Understanding the organization and its context	ISO-ATEX QSM, Quality System Manual, section 1.8 ISO Cert Q18622026.1, and audit report dated 2026 March 2~4 Kenco Engineering Context of Organization, rev 1	The context of the organization is to ensure that any Ex Product is in accordance with its certificate and technical documentation. Kenco Engineering Context of Organization contains a row entitled Certification Bodies which includes ATEX (DEKRA).	P
4.2	Understanding the needs and expectations of interested parties		Manufacturers ISO 9001 QMS complies.	P
4.3	Determining the scope of the quality management system		Manufacturers ISO 9001 QMS complies.	P
4.4	Quality management system and its processes	ISO-ATEX QSM, Quality System Manual QP 7.3.1, Design & Review / Workflow for Standard Product, (development activities, page 3 of 5)	The quality management system ensures that the Ex Product conforms to the type described in the certificate and the technical documentation. Compliance to the requirements of ISO/IEC 80079-34 is defined.	P

Clause 5 - Leadership

Clause	Description	Reference documents	Audit findings	V
5.1	Leadership and commitment		Manufacturers ISO 9001 QMS complies.	P
5.1.1	General		Manufacturers ISO 9001 QMS complies.	P
5.1.2	Customer focus		Manufacturers ISO 9001 QMS complies.	P
5.2	Policy			P
5.2.1	Establishing the quality policy		Manufacturers ISO 9001 QMS complies.	P
5.2.2	Communicating the quality policy		Manufacturers ISO 9001 QMS complies.	P
5.3	Organizational roles, responsibilities and authorities	ISO-ATEX QSM, Quality System Manual, section 5.3.2 Org Chart (2026-May-20)	The Ex-authorized persons are the Quality Manager, which is QSHE Manager Leslie Banks, and an Engineer per Org Chart, which is Design Engineer Darrell Miller. All required responsibilities and authorities are defined	P

Clause 6 - Planning

Clause	Description	Reference documents	Audit findings	V
6.1	Actions to address risks and opportunities		Manufacturers ISO 9001 QMS complies.	P
6.2	Quality objectives and planning to achieve them		Manufacturers ISO 9001 QMS complies.	P
6.3	Planning of changes		Manufacturers ISO 9001 QMS complies.	P

Clause 7 - Support

Clause	Description	Reference documents	Audit findings	
7.1	Resources			P
7.1.1	General		Manufacturers ISO 9001 QMS complies.	P
7.1.2	People		Manufacturers ISO 9001 QMS complies.	P
7.1.3	Infrastructure		Manufacturers ISO 9001 QMS complies.	P
7.1.4	Environment for the operation of processes		Manufacturers ISO 9001 QMS complies.	P
7.1.5	Monitoring and measuring resources	ISO-ATEX QSM, Quality System Manual, section 7.1.5 QP 7.6, Calibration, Outsourced calibration Desc.: 3-1/8 16 UN 2B Go Gauge KTP-11 and / No-Go Gauges KTP-12 Ledford Gage Lab, Inc. C of Cal. No.: 16189-15891 Desc.: Go gauge 10-0001, Ledford Gage, Inc CofCal. No.: 10553-61337 Desc.: No Go Gauge 10-0002, Ledford Gage, Inc CofCal. No.: 00878-40006 Desc.: Go/No Go Gauge Alameda #1, Ledford Gage, Inc CofCal. No.: 15824-59614	The calibration certificates have been verified with satisfactory results. Evidence that the measurements are traceable to international or national measurement standards is provided. See Observation 1.	P
7.1.6	Organizational knowledge		Manufacturers ISO 9001 QMS complies.	P

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Clause	Description	Reference documents	Audit findings	
7.2	Competence	ISO-ATEX QSM, Quality System Manual, section 7.2.6 QHSE QD1.5 Training Matrix, Rev 00 QP 6.2.2, Training of Shop Personnel	Not all persons having an impact on Ex compliance are being identified and appropriate training is not defined. See Nonconformance 1 of 3. Response has been reviewed and accepted. Correction and Corrective Actions will be reviewed during the next audit.	NC 1
7.3	Awareness		Manufacturers ISO 9001 QMS complies.	P
7.4	Communication	ISO-ATEX QSM, Quality System Manual, section 7.4 KENCO Website	Internal and external communication relating to Ex Products is controlled.	P
7.5	Documented information			P
7.5.1	General	ISO-ATEX QSM, Quality System Manual, section 7.5 QP 4.2.3, Document and Data Control QSHE 1.1, KENCO Document and Revision History Control Index, Rev 5, dated 2023 Jun 28 DEKRA Test Report 210961000, Issue 3, project number 214537900 A-33927, rev J, nameplate C-44032, rev G, cover plate C-44085, rev F, switch cover	Appropriate means (e.g. manuals, policies, procedures, instructions) ensure compliance, of Ex Products with their certificates and technical documentation The KENCO Ex Product and processes of manufacturing are clearly documented. Records are maintained in an orderly manner, are easily accessed, and available where and when needed to ensure continued compliance with its certificate and technical documentation. See Observation 2.	P
7.5.2	Creating and updating	ISO-ATEX QSM, Quality System Manual, section 7.5 QP 4.2.3, Document and Data Control	Manufacturers ISO 9001 QMS complies, See Observation 2.	P

Clause	Description	Reference documents	Audit findings	
7.5.3	Control of documented Information	KEMA 07ATEX0129 X TR: 210961000 ISO-ATEX QSM, Quality System Manual, section 7.5.3 QP 7.5.3, Ex Documentation Review A-33927, rev J, nameplate C-44032, rev G, cover plate C-44085, rev F, switch cover KENCO GAP Analysis ATEX 60079-0 2009.xlsx KENCO GAP Analysis ATEX 60079-0 2018.xlsx KENCO GAP Analysis ATEX 60079-1 2014.xlsx	It is correctly defined that any changes to Agency Controlled Documents require the approval of the Ex-authorized person (Design Engineer Darrell Miller) prior to release. Schedule drawings are clearly identified with bold black lettering reading: AGENCY CONTROLLED DOCUMENT. Related drawings are not used. The annual check of the validity of all Ex related certificates, standards, regulations and other external specifications is defined, but not being carried out. See Nonconformance 2 of 3. Response has been reviewed and accepted. Correction and Corrective Actions will be reviewed during the next audit. All required quality records will be retained for at least 10 years after each Ex Product (batch) has been placed on the market	NC 2

Clause 8 - Operation

Clause	Description	Reference documents	Audit findings	V
8.1	General	ISO-ATEX QSM, Quality System Manual, section 8.1	Control and acceptance of processes for Ex Products ensure compliance with the requirements of the certificate, see Annex A. Ex d enclosure consists raw materials (castings or bar stock) machined in-house to revision-controlled drawings.	P
8.2	Requirements for products and services			P
8.2.1	Customer communication	ISO-ATEX QSM, Quality System Manual, section 8.2.1	Manufacturers ISO 9001 QMS complies. There is a suitable customer complaints procedure in place, which is sufficiently covered by the ISO 9001 assessment.	P
8.2.2	Determining the requirements for products and services		Manufacturers ISO 9001 QMS complies.	P

Clause	Description	Reference documents	Audit findings	V
8.2.3	Review of the requirements for products and services	ISO-ATEX QSM, Quality System Manual, section 8.2.3 QP 7.3.1, Design & Review / Workflow for Standard Product, Section - Design Team Kenco website Customer PO 042-30032026, KENCO Sales Order Acknowledgement 0307361, KENCO Invoice 0448205-IN	The product category, marking and ambient temperature range are included in the order confirmation and invoice. The ATEX certificate and EU-Declaration of Conformity is available online. ERP system is Sage 100.	P
8.2.4	Changes to requirements for products and services	ISO-ATEX QSM, Quality System Manual, section 8.2.4 QP 7.3.1, Design & Review (workflow for standard product)	The Ex authorized person(s) is/are involved in any changes (e.g. changes to the manufacturer's documentation, quality management system or marketing documents) that could affect Ex Product compliance.	P
8.3	Design and development of products and services			P
8.3.1	General		8.3.1 - 8.3.5 of ISO 9001:2015 are not within the scope of this document.	NA
8.3.2	Design and development planning			NA
8.3.3	Design and development Inputs			NA
8.3.4	Design and development controls			NA
8.3.5	Design and development outputs			NA
8.3.6	Design and development changes	ISO-ATEX QSM, Quality System Manual, section 8.3.6	The Ex authorized person(s) is/are involved in the approval process of any substantial modification or change (e.g. changes to the manufacturer's documentation, quality management system or marketing documents) that could affect Ex Product compliance.	P
8.4	Control of externally provided processes, products and services			P

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Clause	Description	Reference documents	Audit findings	V
8.4.1	General	ISO-ATEX QSM, Quality System Manual, section 8.4.1, paragraph 2 AVL 2026, Supplier Evaluation and Certification, T&L Foundry	Supplier selection criteria are correctly defined. Ex-suppliers not used for more than one year are considered as new supplier. The ongoing ability of all Ex Suppliers to provide conforming products, processes or services are evaluated on an annual basis.	P
8.4.2	Type and extent of control	ISO-ATEX QSM, Quality System Manual, section 8.4.2 PO: 146314 Item: 6471 Desc: 1/2" 303 SS round bar stock used in 39053 Rod Guide Vendor: Alro Steel Corp Verification: Material Cert received PO 147787 Item: 38978 Rev G Desc: Cover Plate Vendor: T&L Foundry Verification: Certificate of Analysis and Compliance received PO 147839 Item: 44084 Desc: Switch Enclosure Cover Vendor: T&L Foundry Verification: Certificate of Analysis and Compliance received	All Ex-relevant parts are verified for compliance at incoming inspections. A declaration of conformity according to ISO/IEC 80079-34 annex C is supplied with each batch or Product. When necessary, batches are received with a specific analysis certificate or declaration for the used material. Each batch is accompanied by a certificate of conformity which refers to the correct drawing number including release date.	P

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Clause	Description	Reference documents	Audit findings	V
8.4.3	Information for external providers	ISO-ATEX QSM, Quality System Manual, section 8.4.3 PO: 146314 Item: 6471 Desc: ½" 303 SS round bar stock used in 39053 Rod Guide Vendor: Alro Steel Corp Verification: Material Cert requested PO 147787 Item: 38978 Rev G Desc: Cover Plate Vendor: T&L Foundry Verification: Certificate of Analysis and Compliance requested PO 147839 Item: 44084 Desc: Switch Enclosure Cover Vendor: T&L Foundry Verification: Certificate of Analysis and Compliance requested	The purchase documents clearly describe the specific requirements. Drawing name, number, and revision are included in purchase orders as well as material requirements such as 303 Stainless Steel.	P
8.5	Production and service provision			P

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Clause	Description	Reference documents	Audit findings	V
8.5.1	Control of production and service provision	ISO-ATEX QSM, Quality System Manual, section 8.5.1 Sales Order 0308558 Model: KLCE-9-FS 3-1/8 16 UN 2B Go Gauge KTP-11 and / No-Go Gauges KTP-12 Go gauge 10-0001 No Go Gauge 10-0002 Go/No Go Gauge Alameda #1 A-53863, Rev D, KLCE / KES Spec and Adjustment Instructions A-55114, Rev K, EU Dof C, KEMA 07ATEX0129X	Procedures, production equipment, working environments and inspection/testing facilities are sufficiently in place and together assurance with respect to the compliance of the Ex Product with its technical documentation is provided. Schedule drawings are used for production.	P
8.5.2	Identification and traceability	ISO-ATEX QSM, Quality System Manual, section 8.5.2 QP 9.1, ATEX Critical Component Traceability Serial Number Log Sheet	Product identification during all production stages until placing on the market is sufficient. All Ex-relevant parts are linked to the end product by the use of serial or batch numbers. Castings are marked with heat codes	P
8.5.3	Property belonging to customers or external providers		Manufacturers ISO 9001 QMS complies.	P
8.5.4	Preservation		Manufacturers ISO 9001 QMS complies.	P
8.5.5	Post-delivery activities		Manufacturers ISO 9001 QMS complies.	P
8.5.6	Control of changes	ISO-ATEX QSM, Quality System Manual, section 8.2.4	The Ex authorized person(s) are involved in any changes that could affect Ex Product compliance.	P

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Clause	Description	Reference documents	Audit findings	V
8.6	Release of products and services	ISO-ATEX QSM, Quality System Manual, section 8.6 Sales Order 0308558 Model: KLCE-9-FS A-53863, Rev D, KLCE / KES Spec and Adjustment Instructions A-55114, Rev K, EU D of C, KEMA 07ATEX0129X	No routine test required per KEMA 07ATEX0129 X. A-53863, Rev D installation instruction contain Special Conditions of Safe Use per ATEX Schedule Flameproof threads are machined and confirmed using schedule drawings. Schedule drawings used for production, related drawings are not used. All Ex relevant items are correctly addressed. See Observation 3.	P
8.7	Control of nonconforming outputs	ISO-ATEX QSM, Quality System Manual, section 8.7.1 NCR Log, Live Documents	All required actions are documented, and all records will be retained for at least 10 years.	P

Clause 9 - Performance evaluation

Clause	Description	Reference documents	Audit findings	V
9.1	Monitoring, measurement, analysis and evaluation			P
9.1.1	General		Manufacturers ISO 9001 QMS complies.	P
9.1.2	Customer satisfaction		Manufacturers ISO 9001 QMS complies.	P
9.1.3	Analysis and evaluation		Manufacturers ISO 9001 QMS complies.	P
9.2	Internal audit	ISO-ATEX QSM, Quality System Manual, section 9.2 QP 8.2.2, Internal audit, section responsibility Internal Audit Schedule 2026 ISO/IEC 80079-34 ~ Internal Audit Checklist, 2026 Feb 2 ~ 27	QSM mentions planned internals and annually without recognizing 14 months maximum. It also does not mention (EN) ISO / IEC 80079-34. QP 8.2.2. recognizes the need for Ex Audits to be conducted at a maximum 14-month interval. The Ex Internal audit was carried out on an annual basis with an interval that exceeded 14 months See Nonconformance 3 of 3. Response has been reviewed and accepted. Correction and Corrective Actions will be reviewed during the next audit. The content of the latest internal audit has been verified with satisfactory results.	NC 3

Clause	Description	Reference documents	Audit findings	V
9.3	Management review			P
9.3.1	General	ISO-ATEX QSM, Quality System Manual, section 9.3.1, and 9.3.2 Management Review Report, 2025 Jan 30 Management Review Report, 2026 Jan 23	It is correctly defined that the management review will be held on an annual basis, not to exceed 14 months, and that the Ex-authorized person shall participate. The interval between the management reviews did not exceed 14 months. Results of internal and external audits and the overall effectiveness of the quality management system with respect to equipment intended for use in explosive atmospheres are included in the review. Evidence of the effectiveness of the quality management system has been provided.	P
9.3.2	Management review inputs		Manufacturers ISO 9001 QMS complies.	P
9.3.3	Management review outputs		Manufacturers ISO 9001 QMS complies.	P

Clause 10 - Improvement

Clause	Description	Reference documents	Audit findings	V
10.1	General		Manufacturers ISO 9001 QMS complies.	P
10.2	Nonconformity and corrective action		Manufacturers ISO 9001 QMS complies.	P
10.3	Continual improvement	ISO-ATEX QSM, Quality System Manual 5S projects	Manufacturers ISO 9001 QMS complies. The process for Continual improvement is sufficiently covered by the ISO 9001 assessment.	P

Annex A: Information relevant to particular types of protection and specific products
A.1 Overview

Informative clause, no requirements.

A.2 General

Clause	Description	Reference documents	Audit findings	V
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Clause	Description	Reference documents	Audit findings	V
A.2	Enclosures – General	KEMA 07ATEX0129 X Ex 'd' Item: 44084 Vendor: T&L Founder Desc: Cover Casting Item: 44085 Desc: Cover Machining P/N: 38978, Vendor: T&L Founder Desc: Plate Casting P/N: 44032 Vendor: T&L Founder Desc: Plate Casting P/N: 6471 Desc: ½" 303 SS round bar stock used in 39053 Rod Guide Vendor: Alro Steel Corp	Ex 'd' sand castings received with 319 Aluminum material certificate of analysis and certificate of conformity to purchase order, which includes reference to relevant Schedule Drawing with revision. Castings receive unique heat trace stamp and 100% visual inspection prior to assembly. Ex 'd' in-house machining per schedule drawing by trained personnel. 100% visual and dimension checks with calibrated measuring equipment by trained personnel.	P

A.3 Ex d - flameproof enclosures covered by IEC 60079-1

Clause	Description	Reference documents	Audit findings	V
A.3.1	Verification	Item 44084, supplier T&L Foundry, CofA, CofC Item 38978, supplier T&L Foundry, CofA, CofC Item 6471, supplier Alro Steel, Material Cert	Ex 'd' sand castings received with 319 Aluminum material certificate of analysis and certificate of conformity to purchase order, which includes reference to relevant Schedule Drawing with revision. ½" 303 SS round bar stock used in 39053 Rod Guide received with Material Certificate 100% visual and dimension checks with calibrated measuring equipment by trained personnel.	P
A.3.2	Castings	Item 44084, supplier T&L Foundry, CofA, CofC Item 38978, supplier T&L Foundry, CofA, CofC	Ex 'd' sand castings received with 319 Aluminum material certificate of analysis and certificate of conformity to purchase order, which includes reference to relevant Schedule Drawing with revision. 100% visual and dimension checks with calibrated measuring equipment by trained personnel.	P
DS 2012/004	Verification Requirements for Flameproof Castings		100% visual and dimension checks with calibrated measuring equipment by trained personnel.	P

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A.3.3	Machining	C-44032, rev G, cover plate, Machining C-44085, rev F, switch cover, Machining	Flameproof threads are machined and confirmed using schedule drawings. Related drawings are not used.	P
DS 2025/001	Measurement of Ex-Joint	Desc.: 3-1/8 16 UN 2B Go Gauge KTP-11 and / No-Go Gauges KTP-12 Ledford Gage Lab, Inc. C of Cal. No.: 16189-15891 Desc.: Go gauge 10-0001, Ledford Gage, Inc CofCal. No.: 10553-61337 Desc.: No Go Gauge 10-0002, Ledford Gage, Inc CofCal. No.: 00878-40006 Desc.: Go/No Go Gauge Alameda #1, Ledford Gage, Inc CofCal. No.: 15824-59614	Calibrated go and no-go gauges are used to confirm machined threads	P
A.3.4	Cemented joints and potted assemblies	NA	No cemented joints and potted assemblies	NA
A.3.5	Routine pressure testing	ATEX EU-Type Examination Certificate: KEMA 07ATEX0129 X, and Schedule KEMA / DEKRA Test Report Numbers: 210961000, and 214537900	No specific routine tests required per certification documents.	P
A.3.6	Flanged joints	NA	No flanged joints	NA
ExTAG DS 2015/018	Verification requirements for Spigot joints/Conical joint	NA	No spigot / conical joints	NA
A.3.7	Elements, with non-measurable paths, of breathing and draining devices	NA	No elements, with non-measurable paths, of breathing and draining devices.	NA

4. OBSERVATIONS

Obs.	Standard and clause	Description of Observation
1.	80079-34, cl. 7.1.5	KENCO QMS recognizes the requirements of a certificate of calibration for measuring and monitoring equipment used to confirm Ex product conformance with its certificate and technical documentation, but there is no mechanism in place to ensure and verify compliance. Compliance was verified during the audit.
2.	80079-34, cl. 7.5.2	QMS documents, such as ISO-ATEX QMS, make claims of compliance to superseded 94/9/EC ATEX directive, not current 2014/34/EU.
3.	80079-34, cl 8.6	A-55115, Rev K, EU-Declaration of Conformity was found incorrectly referencing Standards as shown on certificate, which are EN 60079-0:2009, and EN 60079-1:2007, and as supported by Gap analysis', which are EN IEC 60079-0:2018, and EN 60079-1:2014, as written in the related Official Journal of European Union