



TECHNICAL SPECIFICATION

Requirements for industrial water quality analyzer system – Photometry

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

REQUIREMENTS FOR INDUSTRIAL WATER QUALITY ANALYZER SYSTEM – PHOTOMETRY

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The text of this Technical Specification is based on the following documents:

Draft	Report on voting
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Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Technical Specification: is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

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- reconfirmed,
- withdrawn, or
- revised.

REQUIREMENTS FOR INDUSTRIAL WATER QUALITY ANALYZER SYSTEM – PHOTOMETRY

1 Scope

This document applies to the industrial water quality analyzer system that uses a photometric method to determine the concentration of one or more chemical components in industrial water (water used in manufacturing, processing, cooling, washing, boiler, etc).

The objective of this document is to:

- specify the terminology and definitions related to the performance characteristics of a photometric industrial water quality analyzer system;
- unify the performance expression and verifying methods of such an analyzer system;
- specify the test procedures to be used in making statements on the performance characteristics of a photometric industrial water quality analyzer system.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 62443-3-3, *Industrial communication networks – Network and system security – Part 3-3: System security requirements and security levels*

IEC 62443-4-2, *Security for industrial automation and control systems – Part 4-2: Technical security requirements for IACS components*