



**SLOVENSKI STANDARD
SIST EN IEC 62382:2024**

01-december-2024

Krmilni sistemi v procesni industriji - Preverjanje električnih in merilnih zank (IEC 62382:2024)

Control systems in the process industry - Electrical and instrumentation loop check (IEC 62382:2024)

Leittechnische Systeme in der verfahrenstechnischen Industrie - PLT-Stellenprüfung (IEC 62382:2024)

Systèmes de commande pour les procédés industriels - Contrôle de boucle des circuits électriques et des appareillages (IEC 62382:2024)

Ta slovenski standard je istoveten z: EN IEC 62382:2024

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ICS:

25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control
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SIST EN IEC 62382:2024

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 62382

September 2024

ICS 25.040.40

Supersedes EN 62382:2013

English Version

**Control systems in the process industry - Electrical and
instrumentation loop check
(IEC 62382:2024)**

Systèmes de commande dans l'industrie de transformation
- Contrôle de boucle des circuits électriques et des
appareillages
(IEC 62382:2024)

Leittechnische Systeme in der verfahrenstechnischen
Industrie - PLT-Stellenprüfung
(IEC 62382:2024)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62382:2024 (E)**European foreword**

The text of document 65E/1082/FDIS, future edition 3 of IEC 62382, prepared by SC 65E "Devices and integration in enterprise systems" of IEC/TC 65 "Industrial-process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62382:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2025-06-18
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2027-09-18

This document supersedes EN 62382:2013 and all of its amendments and corrigenda (if any).

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The text of the International Standard IEC 62382:2024 was approved by CENELEC as a European Standard without any modification.

<https://www.itteh.ai> [SIST EN IEC 62382:2024](https://www.itteh.ai)

<https://www.itteh.ai> In the official version, for Bibliography, the following notes have to be added for the standard indicated: [SIST EN IEC 62382:2024](https://www.itteh.ai)

IEC 61131 (series) NOTE Approved as EN IEC 61131 (series)

IEC 61511 (series) NOTE Approved as EN 61511 (series)

IEC 61511-1:2016 NOTE Approved as EN 61511-1:2017 (not modified)

IEC 62443 (series) NOTE Approved as EN IEC 62443 (series)

IEC 62708 NOTE Approved as EN 62708

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62381	-	Automation systems in the process industry - Factory acceptance test (FAT), site acceptance test (SAT), and site integration test (SIT)	EN IEC 62381	-

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IEC 62382

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Control systems in the process industry – Electrical and instrumentation loop check

Systèmes de commande dans l'industrie de transformation – Contrôle de boucle des circuits électriques et des appareillages

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INTERNATIONAL
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CONTENTS

FOREWORD.....	4
INTRODUCTION.....	6
1 Scope.....	7
1.1 General applicability	7
1.2 Exclusions	7
1.2.1 Prior and post activities	7
1.2.2 Regulated industries	7
1.2.3 Safety instrumented systems	7
1.2.4 Manufacturing execution systems	7
1.2.5 Advanced process control.....	7
1.2.6 Security for industrial automation and control systems.....	7
1.2.7 User-specific procedures and requirements	8
2 Normative references	8
3 Terms, definitions and abbreviated terms	8
3.1 Terms and definitions.....	8
3.2 Abbreviated terms.....	11
4 Loop check schedule	12
5 Loop check content	12
5.1 Included activities	12
5.1.1 General	12
5.1.2 Loop check phases.....	13
5.1.3 Deficiencies.....	13
5.2 Excluded activities	13
6 Loop check procedure	14
6.1 Loop check planning	14
6.2 Performance of loop check.....	15
6.2.1 Documentation check	15
6.2.2 Visual inspection	15
6.2.3 Functional check prerequisites	15
6.2.4 Functional check.....	16
6.3 Additional tests – Quality and safety relevant loops	16
6.4 Partial loop checks.....	16
6.5 After completion of loop checks	16
7 Documentation of performed loop checks	16
7.1 Documentation.....	16
7.2 Loop check results	17
8 Quality assurance.....	17
9 Safety aspects.....	17
10 Loop checks post commissioning.....	17
Annex A (informative) Examples of loop tests	19
A.1 General.....	19
A.2 Loop check prerequisites	19
A.3 Measurements	19
A.4 Actuators and valves.....	20
A.5 Motor loops.....	20
A.6 Alarms	21

A.7	Diagnostics	21
A.8	Standard loops.....	21
A.9	Non-standard loops.....	21
A.9.1	Loops containing intelligent devices.....	21
A.9.2	Loops containing devices with network and system security	21
A.9.3	Special loops	21
A.9.4	Interlocks.....	22
A.9.5	Quality loops	22
A.9.6	Safety loops	22
A.9.7	Asset management system loops.....	22
A.10	Loop infrastructure.....	22
A.11	E&I general concepts.....	23
Annex B (informative)	Loop check form.....	24
Bibliography	27
Figure 1	– Project phases and E&I testing	12
Figure B.1	– Loop check form – Page 1	25
Figure B.2	– Loop check form – Page 2	26

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CONTROL SYSTEMS IN THE PROCESS INDUSTRY –
ELECTRICAL AND INSTRUMENTATION LOOP CHECK**

FOREWORD

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IEC 62382 has been prepared by subcommittee 65E: Devices and integration in enterprise systems, of IEC technical committee 65: Industrial-process measurement, control and automation. It is an International Standard.

This third edition cancels and replaces the second edition published in 2012. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) general re-organization of the content of the previous edition, moving informative content to the annexes;
- b) replacing the forms based on I/O type in IEC 62382:2012, Annex A to Annex E with an example of a generic loop check form;

c) providing additional references to other applicable standards.

The text of this International Standard is based on the following documents:

Draft	Report on voting
65E/1082/FDIS	65E/1114/RVD

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 International Standard 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/publications.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

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