



# SLOVENSKI STANDARD SIST EN ISO 18276:2024

01-oktober-2024

Nadomešča:  
SIST EN ISO 18276:2017

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**Dodajni in pomožni materiali za varjenje - Strženske žice za obločno varjenje nerjavnih in ognjeodpornih jekel v zaščitnem plinu in brez zaščite - Razvrščanje (ISO 18276:2024)**

Welding consumables - Tubular cored electrodes for gas-shielded and non-gas-shielded metal arc welding of high strength steels - Classification (ISO 18276:2024)

Schweißzusätze - Fülldrahtelektroden zum Metall-Lichtbogenschweißen mit und ohne Schutzgas von hochfesten Stählen - Einteilung (ISO 18276:2024)

Produits consommables pour le soudage - Fils-électrodes fourrés pour le soudage à l'arc avec ou sans gaz de protection des aciers à haute résistance - Classification (ISO 18276:2024)

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**Ta slovenski standard je istoveten z: EN ISO 18276:2024**

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**ICS:**

25.160.20      Potrošni material pri varjenju      Welding consumables

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EUROPEAN STANDARD

EN ISO 18276

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English Version

## Welding consumables - Tubular cored electrodes for gas-shielded and non-gas-shielded metal arc welding of high strength steels - Classification (ISO 18276:2024)

Produits consommables pour le soudage - Fils-électrodes fourrés pour le soudage à l'arc avec ou sans gaz de protection des aciers à haute résistance - Classification (ISO 18276:2024)

Schweißzusätze - Fülldrahtelektroden zum Metall-Lichtbogenschweißen mit und ohne Schutzgas von hochfesten Stählen - Einteilung (ISO 18276:2024)

This European Standard was approved by CEN on 5 July 2024.

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COMITÉ EUROPÉEN DE NORMALISATION  
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Contents	Page
European foreword.....	3

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## European foreword

This document (EN ISO 18276:2024) has been prepared by Technical Committee ISO/TC 44 "Welding and allied processes" in collaboration with Technical Committee CEN/TC 121 "Welding and allied processes" the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2025, and conflicting national standards shall be withdrawn at the latest by January 2025.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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# International Standard

**ISO 18276**

## **Welding consumables — Tubular cored electrodes for gas-shielded and non-gas-shielded metal arc welding of high strength steels — Classification**

*Produits consommables pour le soudage — Fils-électrodes  
fourrés pour le soudage à l'arc avec ou sans gaz de protection des  
aciers à haute résistance — Classification*

**Third edition  
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## ISO 18276:2024(en)

## Contents

	Page
<b>Foreword</b> .....	<b>v</b>
<b>Introduction</b> .....	<b>vi</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>2</b>
<b>4 Classification</b> .....	<b>2</b>
4.1 General.....	2
4.2 Classification systems.....	2
4.3 Compulsory and optional sections in classifications.....	3
<b>5 Symbols and requirements</b> .....	<b>4</b>
5.1 Symbol for the product or process.....	4
5.2 Symbol for tensile properties of all-weld metal.....	4
5.3 Symbol for impact properties of all-weld metal.....	5
5.4 Symbol for chemical composition of all-weld metal.....	6
5.5 Symbol for type of electrode core – Classification by yield strength and 47 J impact energy – System A.....	10
5.6 Symbol for usability characteristics of the electrodes – Classification by tensile strength and 27 J impact energy – System B.....	10
5.7 Symbol for shielding gas.....	11
5.8 Symbol for welding position.....	11
5.9 Symbol for hydrogen content of deposited metal.....	11
5.10 Symbol for conditions of post-weld heat treatment.....	12
5.10.1 Classification by yield strength and 47 J impact energy – System A.....	12
5.10.2 Classification by tensile strength and 27 J impact energy – System B.....	12
<b>6 Rounding procedure</b> .....	<b>12</b>
<b>7 Mechanical tests</b> .....	<b>12</b>
7.1 General.....	12
7.2 Preheating and interpass temperatures.....	12
7.3 Pass sequence.....	13
7.4 Post-weld heat treatment (PWHT) condition.....	14
7.4.1 Classification by yield strength and 47 J impact energy – System A.....	14
7.4.2 Classification by tensile strength and 27 J impact energy – System B.....	14
<b>8 Chemical analysis</b> .....	<b>14</b>
<b>9 Retesting</b> .....	<b>14</b>
<b>10 Technical delivery conditions</b> .....	<b>15</b>
<b>11 Examples of designations</b> .....	<b>15</b>
11.1 General.....	15
11.2 Example 1 - Classification by yield strength and 47 J impact energy – System A.....	15
11.3 Example 2 - Classification by tensile strength and 27 J impact energy – System B.....	15
11.4 Example 3 - Classification by yield strength and 47 J impact energy - System A.....	16
11.5 Example 4 - Classification by tensile strength and 27 J impact energy – System B.....	17
<b>Annex A (informative) Classification systems</b> .....	<b>19</b>
<b>Annex B (informative) Description of composition designations for electrodes in the classification system based upon tensile strength and average impact energy of 27 J – System B</b> .....	<b>22</b>
<b>Annex C (informative) Description of types of electrode core in the classification system based upon yield strength and average impact energy of 47 J – System A</b> .....	<b>23</b>

**ISO 18276:2024(en)**

<b>Annex D (informative) Descriptions of types of usability characteristics in the classification system based upon tensile strength and average impact energy of 27 J – System B .....</b>	<b>24</b>
<b>Annex E (informative) Notes on hydrogen content .....</b>	<b>26</b>
<b>Bibliography .....</b>	<b>27</b>

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**Document Preview**

[SIST EN ISO 18276:2024](https://standards.iteh.ai/catalog/standards/sist/b2c345ff-f87e-419f-be4d-d48f57bda71e/sist-en-iso-18276-2024)

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### Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 3, *Welding consumables*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 121, *Welding and allied processes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 18276:2017), which has been technically revised.

The main changes are as follows:

- document has been reformatted in single column format. Some clauses and subclauses have been merged or separated and some tables have been merged;
- dated normative references have been updated to the latest editions;
- [Tables 3A](#) and [3B](#) have been revised and merged and is now [Table 6](#);
- sub-clause [5.7](#) has been revised and is now [5.8](#);
- Clause 11 contains new designation examples.

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