

# New and revised codes and standards

From BSI Updates May2023

## BS EN PUBLICATIONS

### BS EN 10248-1:2023

Hot-rolled steel sheet piles. Technical delivery conditions

*supersedes BS EN 10248-1:1996*

### BS EN 15725:2023

Extended application on the fire performance of construction products and building elements.

Principle of EXAP standards and EXAP reports  
*supersedes BS EN 15725:2010*

## BS IMPLEMENTATIONS

### BS ISO 4215:2022

Corrosion of metals and alloys. Test method for high-temperature corrosion testing of metallic materials by thermogravimetry under isothermal or cyclic conditions

*no current standard is superseded*

### BS ISO 52000-3:2023

Energy performance of buildings. Overarching EPB assessment. General principles for determination and reporting of primary energy factors (PEF) and CO<sub>2</sub> emission coefficients

*no current standard is superseded*

## PAS STANDARDS

### PAS 2080:2023

Carbon management in buildings and infrastructure  
*supersedes PAS 2080:2016*

## CORRIGENDA TO BRITISH STANDARDS

### BS EN ISO 5173:2023

Destructive tests on welds in metallic materials. Bend tests

*Corrigendum, April 2023*

## UPDATED BRITISH STANDARDS

### BS EN 10025-4:2019+A1:2022

Hot rolled products of structural steels. Technical delivery conditions for thermomechanical rolled weldable fine grain structural steels

*Amendment, April 2023*

### BS EN 10025-6:2019+A1:2022

Hot rolled products of structural steels. Technical delivery conditions for flat products of high yield strength structural steels in the quenched and tempered condition

*Amendment, April 2023*

## NEW WORK STARTED

### EN ISO 11970

Specification and qualification of welding procedures for production welding of steel castings  
*will supersede BS EN ISO 11970:2016*

### EN ISO 18276

Welding consumables. Tubular cored electrodes for gas-shielded and non-gas-shielded metal arc welding of high strength steels. Classification  
*will supersede BS EN ISO 18276:2017*

### EN ISO 26304

Welding consumables. Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of high strength steels.

Classification

*will supersede BS EN ISO 26304:2018*

## DRAFT BRITISH STANDARDS FOR PUBLIC COMMENT – ADOPTIONS

### 23/30437924 DC

BS EN ISO 14732 Welding personnel Qualification testing of welding operators and weld setters for mechanized and automatic welding of metallic materials

*Comments for the above document were required by 20 May, 2023*

### 23/30458743 DC

BS EN ISO 15614-13 Specification and qualification of welding procedures for metallic materials.

Welding procedure test. Upset (resistance butt) and flash welding

*Comments for the above document were required by 5 May, 2023*

### 23/30457395 DC

BS ISO 18893 Mobile elevating work platforms. Safety principles, inspection, maintenance and Operation

*Comments for the above document were required by 21 May, 2023*



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# AD 509: Non-slip connections in wind bracing

SCI have received reports that frame designers are specifying non-slip connections for wind bracing – typically on the elevations or in the roof – noting that such connections are subject to load reversal.

Clause 6.1.7.2 of BS 5950 identifies that when load reversal is solely due to wind, preloaded assemblies to produce non-slip joints are not necessary. The guidance is equally appropriate to

structures designed to the Eurocodes.

Non-slip joints are more expensive to prepare than connections with ordinary bolts, the fasteners themselves are more expensive and the installation will cost more than connections with ordinary bolts.

In some cases, such as site connections of large trusses or moment resisting connections in plate

girder splices, non-slip joints are necessary, but as has been demonstrated by decades of successful practice, this is not the case for wind bracing.

Contact: **David Brown**

Telephone: **01344 636555**

Email: **advisory@steel-sci.com**