

# New and revised codes and standards

From BSI Updates July and August 2023

## BS EN PUBLICATIONS

### BS EN ISO 13920:2023

Welding. General tolerances for welded constructions. Dimensions for lengths and angles, shape and position  
*supersedes BS EN ISO 13920:1997*

### BS EN ISO 14556:2023

Metallic materials. Charpy V-notch pendulum impact test. Instrumented test method  
*supersedes BS EN ISO 14556:2015*

### BS EN ISO 17663:2023

Welding. Quality requirements for heat treatment in connection with welding and allied processes  
*supersedes BS EN ISO 17663:2009*

### BS EN ISO 25980:2023

Health and safety in welding and allied processes. Transparent welding curtains, strips and screens for arc welding processes  
*supersedes BS EN ISO 25980:2014*

## BS IMPLEMENTATIONS

### BS ISO 22058:2022

Construction procurement. Guidance on strategy and tactics  
*supersedes BS 8534:2011*

## UPDATED BRITISH STANDARDS

### BS EN 10225-3:2019+A1:2023

Weldable structural steels for fixed offshore structures. Technical delivery conditions. Hot finished hollow sections  
*Amendment, July 2023*

## BRITISH STANDARDS REVIEWED AND CONFIRMED

### BS EN ISO 11666:2018

Non-destructive testing of welds. Ultrasonic testing. Acceptance levels

### BS EN ISO 11890-1:2007

Paints and varnishes. Determination of volatile organic compound (VOC) content. Difference method

### BS EN ISO 12944-1:2017

Paints and varnishes. Corrosion protection of steel structures by protective paint systems. General introduction

### BS EN ISO 12944-2:2017

Paints and varnishes. Corrosion protection of steel structures by protective paint systems. Classification of environments

### BS EN ISO 12944-3:2017

Paints and varnishes. Corrosion protection of steel structures by protective paint systems. Design considerations

### BS EN ISO 12944-4:2017

Paints and varnishes. Corrosion protection of steel structures by protective paint systems. Types of surface and surface preparation

### BS EN ISO 12944-7:2017

Paints and varnishes. Corrosion protection of steel structures by protective paint systems. Execution and supervision of paint work

### BS EN ISO 12944-8:2017

Paints and varnishes. Corrosion protection of steel structures by protective paint systems. Development of specifications for new work and maintenance

### BS EN ISO 21904-3:2018

Health and safety in welding and allied processes. Requirements, testing and marking of equipment for air filtration. Determination of the capture efficiency of on-torch welding fume extraction devices

### BS EN ISO 17640:2018

Non-destructive testing of welds. Ultrasonic testing. Techniques, testing levels, and assessment

### BS 6472-1:2008

Guide to evaluation of human exposure to vibration in buildings. Vibration sources other than blasting

## NEW WORK STARTED

### ISO 20895

Welded joints performance for seismic steel structures  
*will supersede None*

## DRAFT BRITISH STANDARDS FOR PUBLIC COMMENT – ADOPTIONS

### 23/30472577 DC

BS EN ISO 18276 Welding consumables. Tubular cored electrodes for gas-shielded and non-gas shielded metal arc welding of high strength steels. Classification  
*Comments for the above document were required by 30 July, 2023*

### 23/30457267 DC

BS EN 1991-1-7 Eurocode 1. Actions on structures. Accidental actions  
*Comments for the above document were required by 8 August, 2023*

### 23/30458284 DC

BS EN 1998-3 Eurocode 8. Design of structures for earthquake resistance. Assessment and retrofitting of buildings and bridges  
*Comments for the above document were required by 8 August, 2023*

### 23/30463042 DC

BS EN 1998-1-2 Eurocode 8. Design of structures for earthquake resistance. Buildings  
*Comments for the above document were required by 8 August, 2023*

### 23/30469609 DC

BS EN 1993-1-14 Eurocode 3. Design of steel structures. Design assisted by finite element analysis  
*Comments for the above document were required by 8 August, 2023*

## ISO PUBLICATIONS

### ISO 4624:2023

Paints and varnishes. Pull-off test for adhesion  
*Will be implemented as an identical British Standard*

## AD 512:

# Eurocode requirements for wind bracing connections

AD 509 reminded designers that according to BS 5950, preloaded assemblies are not required when reversal is solely due to wind loading. The AD recommended that this guidance is equally appropriate for design to the Eurocode.

In fact, BS EN 1993-1-8 provides the same advice in clause 2.6(3). The Eurocode notes that for wind and/or stability bracings, bolts in Category A connections may be used. Category A connections are “bearing type”, more commonly

known as ordinary bolts in clearance holes. No preloading is required for Category A connections

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