



**NSAI**  
Standards

Irish Standard  
I.S. 360:2019

# Code of Practice: Safe use of cranes in the construction industry - Part 1: General

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## I.S. 360:2019

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Údarás um Chaighdeáin Náisiúnta na hÉireann

**DECLARATION**

OF

SPECIFICATION

ENTITLED

CODE OF PRACTICE:

SAFE USE OF CRANES IN THE CONSTRUCTION INDUSTRY - PART 1: GENERAL

AS

THE IRISH STANDARD SPECIFICATION FOR

CODE OF PRACTICE:

SAFE USE OF CRANES IN THE CONSTRUCTION INDUSTRY - PART 1: GENERAL

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NSAI in exercise of the power conferred by section 16 (3) of the National Standards Authority of Ireland Act, 1996 (No. 28 of 1996) and with the consent of the Minister for Jobs, Enterprise and Innovation, hereby declare as follows:

1. This instrument may be cited as the Standard Specification (Code of Practice: Safe use of cranes in the construction industry - Part 1: General) Declaration, 2019.

2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Code of Practice: Safe use of cranes in the construction industry - Part 1: General.

(2) The said Standard Specification may be cited as Irish Standard 360:2019 or as I.S. 360:2019.

3. (1) The Standard Specification (Code of Practice: Safe use of cranes in the construction industry - Part 1: General) Declaration 2004 is hereby revoked.

(2) Reference in any other standard specification to the Instruments hereby revoked and to Irish Standard 360:2004 thereby prescribed, shall be construed, respectively, as references to this Instrument and to Irish Standard 360:2019.

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## Foreword

This Irish Standard was drafted by Subcommittee 1 (SC 1) of the NSAI Technical Committee (TC) "Cranes Safety – General" (NSAI/TC 033/SC 1).

This document supersedes I.S. 360:2004 to take into account of advances in technology, changes in construction practices, and reference to occupational health and safety legislation including the:

- Safety, Health and Welfare at Work Act;
- Safety, Health and Welfare at Work (General Application) Regulations; and,
- Safety, Health and Welfare at Work (Construction) Regulations.

Whilst this Irish Standard deals with the use of cranes engaged in construction activities, in particular mobile cranes, parts of it are also applicable when using such cranes in other types of workplaces such as factories.

In preparing this Irish Standard the assumption has been made that the reader has suitable knowledge and understanding of the subject.

Compliance with an Irish Standard does not of itself confer immunity from legal obligations.

The National Standards Authority of Ireland (NSAI) wishes to acknowledge the adaptation of the general provisions of BS 7121-1:2016, and of BS 7121-3:2017, published by the British Standards Institution (BSI), incorporated into many clauses of this Irish Standard.

This document does not purport to include all the necessary provisions of a contract and the user is responsible for its correct application.

In line with international standards practice the following representation of numbers and numerical values apply:

- The decimal point is shown as a comma ( , ) throughout this Irish Standard.
- Each group of three digits reading to the left or to the right of a decimal sign are separated by a space from the preceding digits or following digits respectively.

## Schedule

### Code of Practice: Safe use of cranes in the construction industry - Part 1: General

## 1 Scope

This Irish Standard specifies requirements for the safe use of cranes. Its provisions include the management, planning, selection of competent people associated with crane operations, erection and dismantling, maintenance, operating conditions, weather conditions and special applications associated with the use of cranes.

This Irish Standard addresses the use of commonly used crane types, in particular, mobile cranes. The mobile crane types covered by this Irish Standard include:

- a) all terrain cranes,
- b) crawler cranes,
- c) low headroom cranes,
- d) rough terrain cranes,
- e) semi-mobile cranes,
- f) spider cranes,
- g) truck mounted cranes,
- h) telescopic handlers fitted with a hoist and/or hook used for lifting,
- i) mobile knuckle boom cranes,
- j) and yard cranes.

The Irish Standard does not cover:

- i) tower cranes;
- ii) self-erecting cranes;
- iii) manually operated (non-powered) cranes;
- iv) cranes in which at least one of the motions is manually operated;
- v) cranes for bungee jumping or other entertainment purposes;
- vi) cranes used as part of a fully automated storage or production system;
- vii) cranes mounted on water-borne vessels, except in those circumstances where a land-based crane is temporarily affixed to a vessel.

NOTE Tower cranes and self-erecting cranes are dealt with in I.S. 361.

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