



ANNUAL REPORT 2020

NSAI TECHNICAL COMMITTEE - NSAI/TC 033

CRANES

Contents

1	Introduction	3
2	Scope of TC	3
3	Structure and Membership.....	3
3.1	Structure	3
3.2	Members	4
4	Summary of 2020 Activities	4
4.1	National	4
4.1.1	Meetings	4
4.1.2	National Work.....	4
4.2	International.....	5
4.2.1	International Work	5
4.2.2	International Standards Reviewed.....	5
4.2.3	International Voting Results	5
5	Irish Publications/Reviews	5
5.1	Publications	5
5.2	Reviews	5
6	Work programme for 2021 onwards.....	5

1 Introduction

Following the extensive revision of I.S. 360 and publication of *I.S. 360:2019 - Code of Practice: Safe Use of Cranes in the Construction Industry*, the committee turned its attention to I.S. 361:3013 - *Code of practice for the safe use of tower cranes and self-erecting cranes*. A public review of the code of practice was launched in 2020 and work on amending I.S. 361 will commence in due course.

The committee also monitors work at International level (CEN and ISO) and since the re-establishment of the committee, members have become active participants in a number of ISO and CEN working groups, where previously Ireland were effectively observers.



The industry currently has 4 experts involved in international work

2 Scope of TC

NSAI/TC 033 is predominantly responsible for maintaining and developing the National codes of practice for the safe use of cranes and tower cranes, principally in the construction industry, but which can be applied whenever lifting equipment with a lifting capacity in excess of four tonne is being used. It is also responsible for monitoring the work of CEN/TC 147 – Cranes - Safety and as well as the work of a number of ISO/TC 96 sub committees (SC 6 and SC 9).

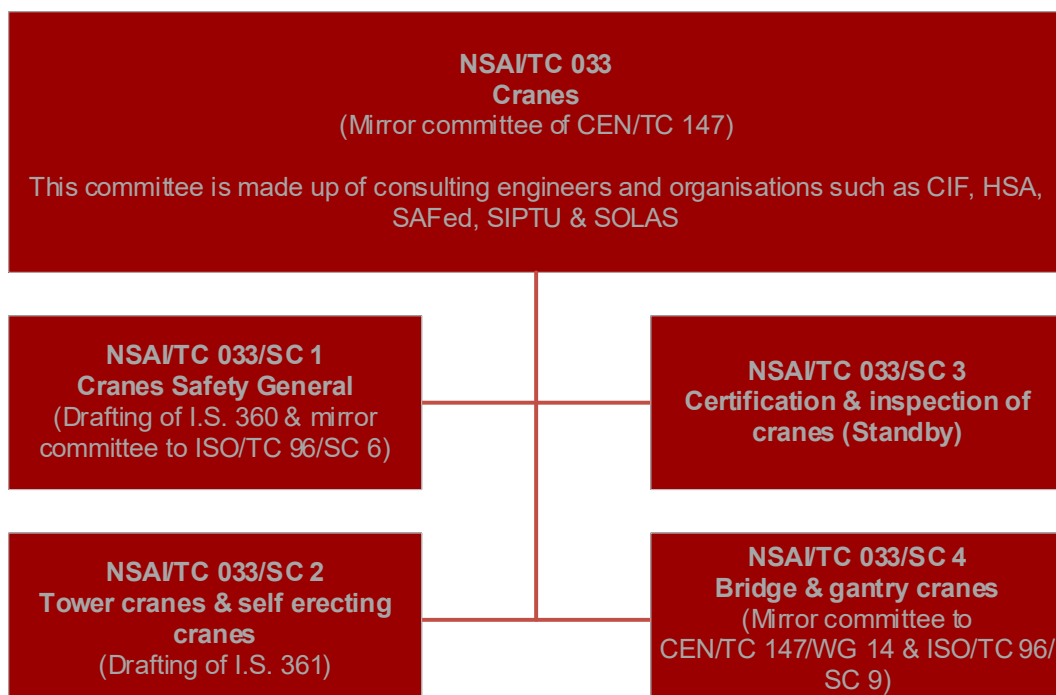
The committee and its sub-committees mirror the following international committees:

Committee Name	Committee Title	Irish Mirror Committee
CEN/TC 147	Cranes - Safety	NSAI/TC 033
ISO/TC 96 SC 6	Mobile Cranes	NSAI/TC 033/SC 1
CEN/TC 147/WG 11	Cranes – Safety – Mobile cranes	
CEN/TC 147 WG14	Bridge and gantry cranes	NSAI/TC 033/SC 4
ISO/TC 96 SC 9	Bridge and gantry cranes	

3 Structure and Membership

3.1 Structure

The Figure below illustrates the structure of the Committee:



3.2 Members

The list below are the members for the year 2020:

Organisation	Role
HSA	NSAI/TC 033 Committee Chair
Erne Lifting Services	National committee member
East Cork Crane Hire	National committee member
Crane Hire Ltd	National committee member
SIPTU	National committee member
WTE	National committee member
Kavanagh	National committee member
Private Consultant	National committee member
Crane Hire Ltd	National committee member
CIF	National committee member
Private Consultant	National committee member
Solas	National committee member
HSBeil	National committee member
Proactive Safety	National committee member
Private Consultant	National committee member
Liebherr	National committee member
CIF	National committee member
Mantis Cranes	National committee member
Lifting and Handling	National committee member
AVIVA	National committee member
SAFed	National committee member
BCS Crane Hire	National committee member

4 Summary of 2020 Activities

4.1 National

A public review of *I.S. 361:2013 - Code of practice for the safe use of tower cranes and self-erecting cranes* was initiated in 2020 to assess if the code of practice was still current or if the industry required it to be amended in light of the revision to I.S. 360 in 2019 and any potential changes in safety practices.

Members of SC 4-Bridge and gantry cranes monitored International work within CEN/TC 147/WG 14 and ISO/TC 96/SC 9.

4.1.1 Meetings

There were no national meetings in 2020.

4.1.2 National Work

Promotion of the new I.S. 360:2019 by committee members and as mentioned above the full review of *I.S. 361:2013 - Code of practice for the safe use of tower cranes and self-erecting cranes*.

Training of members in the standardisation process is required with the potential future revision of I.S. 361:2013. There is also a need for new members to support current members, both at International level and on the NSAI/TC 33/SC 2 subcommittee responsible for tower cranes and self-erecting cranes.

4.2 International

4.2.1 International Work

Ireland's P membership of ISO TC 96/SC 9 was retained in 2019 as Irish experts engagement with this committee was re-established and extended. Monitoring and balloting on ISO/TC 96/SC 9 work has been maintained in 2020.

4.2.2 International Standards Reviewed

The committee did not carry out any systematic review of current international standards in 2020.

4.2.3 International Voting Results

Reference	Vote	Result	Closed on
ISO CD 7752-5 Cranes — Control layout and characteristics — Part 5: Bridge and gantry cranes	1 vote	Approved	12-02-2020
FprCEN TS Cranes - Loader cranes - Interface between loader cranes and work platforms	1 vote	Disapproved	31-03-2020
prEN 13000 - Cranes - Mobile cranes	1 vote	Approved	08-09-2020
FprEN 15011 - Cranes - Bridge and gantry cranes	1 vote	Approved	29-09-2020
ISO 12210 - Working Draft - Study Initiated	1 vote	Approved	22-07-2020
FprEN 13586 - Cranes - Access	1 vote	Approved	06-10-2020
ISO DIS 7752-5 Cranes — Control layout and characteristics — Part 5: Bridge and gantry cranes	1 vote	Approved	29-12-2020

5 Irish Publications/Reviews

5.1 Publications

I.S. 360:2019 was formally published in December 2019.

5.2 Reviews

A public review of the following Irish national document commenced following the publication of I.S. 360:2019:

1. I.S. 361:2013 - Code of practice for safe use of tower cranes and self-erecting cranes

6 Work programme for 2021 onwards

Following the publication of I.S. 360:2019 in December 2019, and the launch of the review of I.S. 361:2013, the committee will focus its attention on addressing the comments received during the public review of *I.S. 361:2013 - Code of practice for the safe use of tower cranes and self-erecting cranes*. A full revision or simply amendments to the code of practice may be necessary during 2021. Monitoring of International standards development will also be ongoing.