



NSAI

ANNUAL REPORT 2019

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 2018 Activities.....	4
4.1	National	4
4.1.1	Meetings.....	4
4.1.2	National Work.....	4
4.2	International	5
4.2.1	Meetings.....	Error! Bookmark not defined.
4.2.2	International Work.....	5
4.2.3	International Standards Reviewed	5
4.2.4	International Voting Results	5
5	Irish Publications/Reviews	5
5.1	Publications.....	5
5.2	Reviews.....	5
6	Work programme for 2020 onwards	5

1 Introduction

In 2019 the NSAI/TC 033 Crane consultative committee achieved a significant milestone with the publication of I.S. 360:2019 - Code of Practice: Safe Use of Cranes in the Construction Industry. The revision was deemed necessary to reflect the changes in Irish health and safety legislation in recent years and to provide guidance on the trends, practices and equipment currently used for lifting operations in the construction industry in Ireland. The extensive revision has resulted in the publication of a substantial document in under 24 months, which is a significant achievement in the development of a standard.

The committee also monitors work at International level (CEN and ISO) and since the reestablishment 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
3 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).

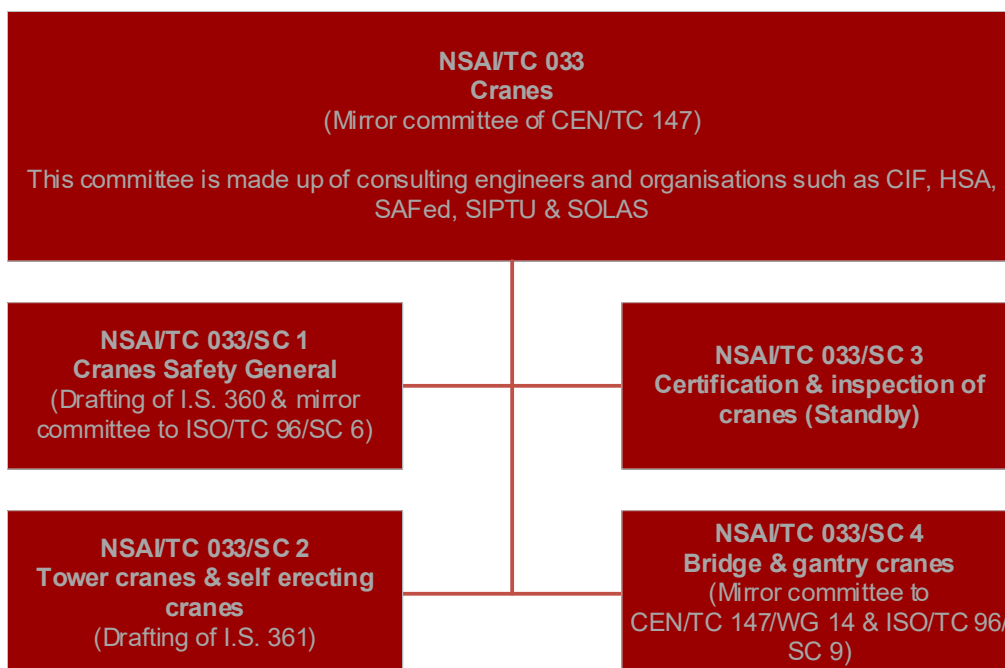
The committee and its working groups mirror the following international committees:

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 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 2019:

Organisation	Name	Role
HSA	Padraig Delaney	NSAI/TC 033 Committee Chair
East Cork Crane Hire	Aidan Kelleher	National committee member
CIF	Robert Butler	National committee member
WTE	Declan Corrigan	National committee member
BCS Crane Hire	William Cussen	National committee member
CIF	John Egan	National committee member
Liebherr	Morgan Foley	National committee member
Erne Lifting Services	Adrian Gartland	National committee member
AVIVA	Sean Hamilton	National committee member
Private Consultant	James McFadden	National committee member
SIPTU	Andrew McGuinness	National committee member
Mantis Cranes	Seamus Mcmenamin	National committee member
Private Consultant	John G Munro	National committee member
Proactive Safety	Michael Norton	National committee member
Crane Hire Ltd	Jarlath O'Leary	National committee member
SAFed	Stephen O'Neill	National committee member
Private Consultant	Michael O'Shea	National committee member
Lifting and Handling	Seamus Phelan	National committee member
HSBeil	Martin Trant	National committee member
Solas	Martin McMahon	National committee member
Crane Hire Ltd	Alan Waters	National committee member

4 Summary of 2019 Activities

4.1 National

2019 saw the continued development of the revision of I.S. 360 - Code of Practice: Safe Use of Cranes in the Construction Industry. The public enquiry of the draft was launched in the spring of 2019 and the NSAI/TC 33/SC 1 committee met in June for a comment review meeting and to approve the draft for publication. I.S. 360:2019 was published in December 2019 after approval from the NSAI Board.

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

Committee members attended the following national meetings in 2019:

Meeting	Venue	Date
NSAI/TC 033/ SC 1	HSA, Limerick	21 st June 2019

4.1.2 National Work

The main activity of NSAI/TC 033 has been the development of National documents such as I.S. 360:2019 and I.S. 361:2013 - Code of practice for safe use of tower cranes and self-erecting cranes. As mentioned in the introduction the publication of the new I.S. 360 code of practice within 24 months is quite a significant achievement for the committee and demonstrated the common goal of industry and all its stakeholders to develop a document which reflects current practice on sites.

The need to promote the activities of the committee especially in relation to the publication of I.S 360:2019 and the upcoming revision of I.S 361 which was highlighted in the review of the work programme of the NSAI/TC 033 committee in 2018 still needs to be adequately addressed. Training of members in the standardisation process is required and a need for new members to support current members, in particular at International level is still also required.

4.2 International

4.2.1 International Work

Due to a number of years of inactivity Irelands was due to be recategorized as an O member of ISO/TC 96/SC 9. However in 2019, P membership of ISO TC 96/SC 9 as retained as Irish experts engagement with the committee was re-established. Monitoring and balloting on ISO/TC 96/SC 9 work has also increased and it is hoped that this activity will be maintained in 2020.

4.2.2 International Standards Reviewed

The committee did not carry out any systematic reviews of current standards in 2019.

4.2.3 International Voting Results

Reference	Vote	Result	Closed on
Amendment to EN 13001-3-6:2018 Cranes - General design - Part 3-6: Limit states and proof of competence of machinery - Hydraulic cylinders	2 votes	Approved	08/02/2019
prEN 13001-3-7 Cranes - General design - Part 3-7: Limit states and proof of competence of machinery - Gears and gear boxes	1 vote	Disapproved	06/06/2019
prEN 13586	1 vote	Disapproved	26/09/2019

5 Irish Publications/Reviews

5.1 Publications

The committee agreed to publish I.S. 360:2019 and this was formally published in December 2019.

5.2 Reviews

A review of the following Irish national document will commence 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 2020 onwards

Following the publication of I.S. 360:2019 in December 2019, the committee will focus its attention on the revision of I.S. 361:2013 - Code of practice for safe use of tower cranes and self-erecting cranes during 2020. Monitoring of International standards development will also be ongoing.