

**SINGAPORE STANDARD**

**Singapore National Annex to Eurocode 3 :**

**Design of steel structures**

– Part 6 : Crane supporting structures

Confirmed 2017



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## **NA to SS EN 1993-6 : 2010 (2017)**

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– Part 6 : Crane supporting structures

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## NA to SS EN 1993-6 : 2010 (2017)

This Singapore Standard was approved by the Building and Construction Standards Committee on behalf of the Standards Council of Singapore on 9 December 2010.

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	Mr Larry Ng Lye Hock	<i>Urban Redevelopment Authority</i>
	Assoc Prof Gary Ong Khim Chye	<i>National University of Singapore</i>
	Mr Davis Ong Wee Choon	<i>Singapore Manufacturers' Federation</i>
	Er. Shum Chee Hoong	<i>Housing &amp; Development Board</i>
	Dr Tan Guan	<i>Association of Consulting Engineers, Singapore</i>
	Er. Tang Pei Luen	<i>JTC Corporation</i>
<b>Co-opted Members</b>	: Prof Choo Yoo Sang	<i>National University of Singapore</i>
	Dr Tam Chat Tim	<i>Individual Capacity</i>

## NA to SS EN 1993-6 : 2010 (2017)

The Technical Committee on Building Structure and Sub-structure appointed by the Building and Construction Standards Committee and responsible for the preparation of this standard consists of representatives from the following organisations:

	<b>Name</b>	<b>Capacity</b>
<b>Chairman</b>	: Dr Tan Guan	<i>Member, Building and Construction Standards Committee</i>
<b>Co-Chairman</b>	: Er. Chew Keat Chuan	<i>Building and Construction Authority</i>
<b>Secretary</b>	: Ms Lee Hiok Hoong	<i>SPRING Singapore</i>
<b>Members</b>	: Er. Chan Ewe Jin	<i>Institution of Engineers, Singapore</i>
	Dr Ho Nyok Yong	<i>Singapore Contractors Association Limited</i>
	Mr Ho Wan Boon	<i>Singapore Structural Steel Society</i>
	Mdm Neo Bian Hong	<i>Land Transport Authority</i>
	Assoc Prof Gary Ong Khim Chye	<i>Singapore Concrete Institute</i>
	Mr Sze Thiam Siong	<i>Setsco Services Pte Ltd</i>
	Er. Angeline Tan Bee Hoon	<i>Housing &amp; Development Board</i>
	Er. Tan Jui Teck	<i>CPG Corporation Pte Ltd</i>
	Prof Tan Kiang Hwee	<i>National University of Singapore</i>
	Er. Tang Pei Luen	<i>JTC Corporation</i>
	Assoc Prof Susanto Teng	<i>Nanyang Technological University</i>
<b>Co-opted Members</b>	: Prof Richard Liew Jat Yuen	<i>National University of Singapore</i>
	Dr Tam Chat Tim	<i>Individual Capacity</i>
	Dr Tan Teng Hooi	<i>Individual Capacity</i>

The following Technical Experts contributed in their *individual capacity* to the preparation of this standard:

Prof Richard Liew Jat Yuen (Convenor)  
Er. Tay Yak Hong (Co-Convenor)  
Er. Ng Cheng Kiat (Taskforce Leader)  
Er. Chang Heng Choy (Secretary)  
Er. Ho Ann Ching  
Mr Kee Ching Guan  
Mr Edmund Lee Wei Cheang  
Er. Lee Hon Leong  
Er. Lee Kwek Chong

The organisations in which the experts are involved are:

*Building and Construction Authority*  
*K.C. Lee Associates*  
*Lee Consultants*  
*Land Transport Authority*  
*Ministry of Manpower*  
*NCK Associates*  
*TYH Consulting Engineers*  
*National University of Singapore*

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### National Foreword

This National Annex was prepared by the Technical Committee on Building Structure and Sub-structure under the purview of the Building and Construction Standards Committee.

This standard is an adoption of UK National Annex (NA to BS EN 1993-6:2007) to Eurocode 3 – Design of steel structures – Part 6 : Crane supporting structures and is implemented with the permission of the British Standards Publishing Ltd.

Acknowledgement is made to BSI for the use of information from the above publication.

This Singapore NA contains information on those parameters which are left open in EN 1993-6 for national choice, known as nationally determined parameters. The Singapore NA is to be read in conjunction with the SS EN 1993-6 : 2010 – Eurocode 3 – Design of steel structures – Part 6 : Crane supporting structures.

Where appropriate, users may refer to the guidance and recommendation in BC 1:2008 'Design guide on use of alternative steel material to BS 5950' published by the Building and Construction Authority (BCA). Reference should be made to the most current version as this publication is expected to be replaced by subsequent revisions based on the SS EN 1993 series of standards.

At the time of publication, this standard is expected to be used as a reference in the Building and Construction Authority's 'Approved Document – Acceptable Solutions'.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. Enterprise Singapore shall not be held responsible for identifying any or all of such patent rights.

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1. *Singapore Standards (SSs) and Technical References (TRs) are reviewed periodically to keep abreast of technical changes, technological developments and industry practices. The changes are documented through the issue of either amendments or revisions.*
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## Singapore National Annex to SS EN 1993–6 : 2010 – Eurocode 3 : Design of steel structures – Part 6 : Crane supporting structures

### NA.1 Scope

This National Annex gives:

- a) the Singapore decisions for the National Determined Parameters described in the following subclauses of SS EN 1993-6:2010:
- |                       |              |            |
|-----------------------|--------------|------------|
| – 2.1.3.2(1)P         | – 3.6.3(1)   | – 9.1(2)   |
| – 2.8(2)P             | – 6.1(1)     | – 9.2(1)P  |
| – 3.2.3(1)            | – 6.3.2.3(1) | – 9.2(2)P  |
| – 3.2.3(2)P           | – 7.3(1)     | – 9.3.3(1) |
| – 3.2.4(1), Table 3.2 | – 7.5(1)     | – 9.4.2(5) |
| – 3.6.2(1)            | – 8.2(4)     |            |
- b) the Singapore decision on the status of SS EN 1993-6:2010 informative annex A;
- c) references to non-contradictory complementary information.