

Guide for Authors of Technical Papers submitted to *Concrete in Australia* Journal

To ensure uniformity of appearance, submitted papers should conform to the following specifications. Authors may find it helpful to use the paper template at the end of this document.

A4 paper Margins

- The text shall be justified with a 2.5 cm margin on the left and right hand side of each page.
- Top and bottom page margins shall be 2.0 cm
- The rest of the text (apart from the title, author's details and abstract section) shall be justified on the page with a left and right margin of 2.5 cm.

Required Point Sizes

The required font size for the body of the text is 12 point in Times New Roman.

Line Spacing

Single line spacing is required.

Title

The title should be in bold 14-point Arial and centered across the top of the first page, with only the first letter of the first word capitalised. The title should be concise and informative.

Authors' Names and Affiliation

The authors' names and affiliation should be in 10-point Arial and centered below the title.

Abstract

The abstract should contain a brief and concise summary of the paper, including its principal results and major conclusions. The abstract should not be more than 150 words.

An abstract is often presented separately from the paper, so it must be able to stand alone. For this reason, References should be avoided, but if essential, then cite the author(s) and year(s). Also, non-standard or uncommon abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract itself.

Headings

Major headings are numbered and left justified in bold uppercase 11-point Arial.

Subheadings

Subheadings should be in bold 11-point Arial, with only the first letter of the first word capitalised. They should start at the left-hand margin on a separate line.

Sub-subheadings

Sub-subheadings should be in bold italics 11-point Arial, with only the first letter of the first word capitalised. They should start at the left-hand margin on a separate line.

Tables

Tables should be placed within the paper as close as possible to the location where they are first mentioned in the text. The Table captions should be in bold italics 10-point Arial.

Figures/Illustrations

Graphs/figures/images should be submitted as separate files in their original format wherever possible. The Figure/Illustration captions should be in bold italics 10-point Arial. The Figures/Illustrations should also:

- be sized close to the desired dimensions of the published version.
- use consistent font, with font size within Figures/Illustrations in the published version same as size 12 point Times New Roman of the main text.

Acknowledgments

If required, Authors may recognise the contribution of research colleagues, employees and the like, who have contributed to the intellectual effort in the paper and/or its associated research.

References

References should be indicated in the text by consecutive numbers as they occur in the text and in superscript form (e.g. Smith¹). References should be listed in full at the end of the paper in the order that they first occur in the main text of the paper.

1. Bradford, M.A. and Gilbert, R.I., “Composite beams with partial interaction under sustained loads”, *ASCE Journal of Structural Engineering*, Vol. 118, July 1992, pp. 1871-1883.
2. Dao, V.T.N., Dux, P.F. and Morris, P.H., “Tensile properties of early-age concrete”, *ACI Materials Journal*, Vol. 106, No. 6, 2009, pp. 483-492.
3. Dao, V.T.N. and Dux, P.F. (ed.), “Understanding Concrete”, Proceedings of the 26th Biennial Conference of the Concrete Institute of Australia, October 2013, Gold Coast, 1000 pp.

Paper's title in bold 14-point Arial with only the first letter capitalised

Authors and Authors' Affiliation in 10-point Arial

Abstract: The Abstract, between 100 and 200 words, should contain a brief and concise summary of the paper, including its conclusions.

1.0 INTRODUCTION

Major headings are numbered and left justified in bold uppercase 11-point Arial. First paragraph within a heading/sub-heading is not indented.

Subsequent paragraphs are 0.5 cm left-indented. Graphs/figures/images should be submitted as attached files in their original format. The Figure captions should be in bold italics 10-point Arial. Tables should be placed within the paper as close as possible to the location where they are first mentioned in the text. The Table captions should be in bold italics 10 point Arial.

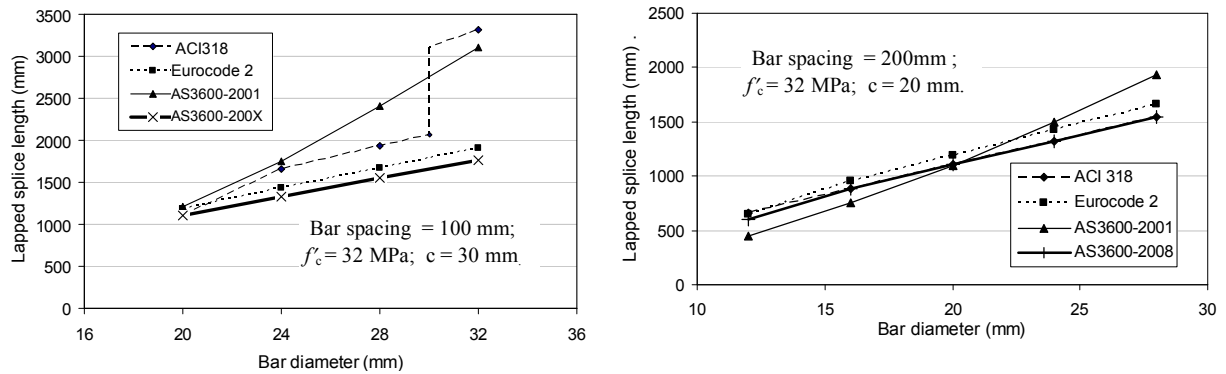


Figure 1. Effect of bar diameter on lapped splice lengths.

References should be indicated by consecutive numbers as they occur in the text and in superscript form (e.g. Bradford¹). References should be listed in full at the end of the paper in the order that they first occur in the main text of the paper.

Table 1. Specimen details and test strength.

Beam	Section			Tension Reinforcement					Stirrups within lap length	Failure stress (MPa)
	Width b (mm)	Depth D (mm)	Strength f'_c (MPa)	Number of bars	Bar diam. (mm)	Yield stress (MPa)	Lap length (mm)	Clear spacing (mm)		
1a	220	330	27.3	2	25.2	445	750	26.4	6 – 6.35 mm	488
2a	345	330	27.3	3	25.2	445	750	50.5	None	412

2.0 HEADING

2.1 Subheading

Subheadings should be in bold 11-point Arial, with only the first letter of the first word capitalised. Equations should be numbered and referred to in the text:

$$L_{sy,t} = \frac{k_1 k_2 f_{sy} A_b}{(2a + d_b) \sqrt{f'_c}} \geq 25 k_1 d_b \quad (1)$$

