SENIOR ENGINEER STRUCTURES CIRCULAR

SES 01/17

SPICING OF REINFORCEMENT

No. Sketches Following | - | No. Appendix Sheets Following | -

Background

The action below is a result of the recent publication of the Australian standards for bridges, the AS 5100-2017 series.

Action

<table>
<thead>
<tr>
<th>Bar Diameter D</th>
<th>Lap length</th>
<th>Horizontal bars with &gt; 300mm of concrete cast below</th>
</tr>
</thead>
<tbody>
<tr>
<td>24mm and below</td>
<td>45D</td>
<td>60D</td>
</tr>
<tr>
<td>Greater than 24mm</td>
<td>50D</td>
<td>65D</td>
</tr>
</tbody>
</table>

Not to be used for

(i) shear and torsion reinforcement of concrete members, and

(ii) fitments of columns.

Adam Lim
SENIOR ENGINEER STRUCTURES
26-10-2017

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