



ASSOCIATION OF ELECTRIC CABLE MANUFACTURERS OF SOUTH AFRICA

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Recommendation to TC66 to amend SANS 1507-6 Table 5: Dimensions

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### **SANS 1507-6: PROPOSED AMENDMENT**

It is proposed that the following amendment be considered to the above specification:

*Table 5 - Dimensions*, to be amended in order to align the cable diameter limits to the actual cable dimensions. Suggested clamp types are also provided for informative reasons.

The reason for the proposed amendment is that the overall minimum and maximum cable diameters given in Table 5 of the standard do not adequately cover both SNE and CNE designs and also do not make allowance for the variations of designs with and without communication cores. It is relevant to note that the NRS 062 and NRS 063 specifications did make provision for different diameters of CNE and SNE cable designs.

It is therefore recommended that Table 5 be amended to the below in order to cater for all possible designs.

**Table 5 – Dimensions**

1	2	3		4
Cross-sectional Area of Phase Cond. mm <sup>2</sup>	Cable Type  with or without communication cores	Indicative Overall Diameter mm		Suggested Clamp Type
		Min.	Max.	
4	CNE, SNE	8.0	11.1	STA 4-10
6	CNE, SNE	8.5	12.4	STA 4-10
10	CNE, SNE	9.8	13.8	STA 10-16
16	CNE, SNE	11.3	15.5	STA 10-16
25	CNE, SNE	15.9	19.5	STA 10-16