

ANNEX B: TECHNICAL SCHEDULES A & B

Description		Title		
Schedule 1		TECHNICAL SCHEDULES A & B – SUBSTATION AND NETWORK EQUIPMENT LABELLING		
1	2	3	4	5
Item	Description	Requirement	Schedule A	Schedule B
1	Product Information			
1.1	• Purchasing details			
1.1.1	Eskom SAP No/Type of Label	Choose one from list above or specify	Label to be specified xxxxxxxxxx	
1.1.2	Manufacturer	Manufacturer name	xxxxxxxxxx	
1.1.3	Manufacturer's Product Code	Specify Code	xxxxxxxxxx	
1.1.4	Manufacturer's Drawing number & Revision number	Specify No and Rev	xxxxxxxxxx	
1.1.5	Guarantees	a. Vinyl cast 7-10 years b. DK gloss clear lacquers (Dulux) for min of 10 years c. Vitreous enamel min 25 years	To be specified	
2	• Legend Requirements			
	General	240-75660336	Yes	Yes/No
	Substation Label Requirements	240-75660336	Clause 3.1	
	Substation Name Board	240-75660336	Clause 3.2	
	Distribution Equipment labels – Power Plant	240-75660336	Clause 3.2.1	
	Distribution Substation Safety Signs (OHS Act)	240-75660336	Clause 3.2.3	
	Distribution Substation Equipment Labels – Control Plant	240-75660336	Clause 3.2.4	
	Overhead Lines Label Requirements	240-75660336	Clause 3.2.5	
	Tower labels	240-75660336	Clause 3.3	
	Line Designation Labels	240-75660336	Clause 3.3.1	
	Line crossing labels	240-75660336	Clause 3.3.2	
	Colour (Refer to Annex B for colour code references)	240-75660336	Clause 3.3.3	
	MV structure identification labels	240-75660336	Clause 3.3.4	
	Legend	240-75660336	Clause 3.4	
	Substrate	240-75660336	Clause 3.4.1	
	LV structure identification labels	240-75660336	Clause 3.4.2	
	Legend	240-75660336	Clause 3.5	
			Clause 3.5.1	

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TECHNICAL EVALUATION CRITERIA FOR SUBSTATION AND NETWORK EQUIPMENT LABELLING (EIA 1195)

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	Substrate- Aluminium labels	240-75660336	Clause 3.5.2	
	Substrate – Chromadek / Chromaprep labels	240-75660336	Clause 3.5.3	
	Colour (Refer to Annex B for colour code references)	240-75660336	Clause 3.5.4	
	MV & LV operating equipment labels	240-75660336	Clause 3.6	
	Legend	240-75660336	Clause 3.6.1	
	Substrate – Vitreous enamel labels (horizontal laid out legend only)	240-75660336	Clause 3.6.2	
	Substrate – Fibreglass labels (horizontal laid out legend only)	240-75660336	Clause 3.6.3	
	Substrate – Chromadek / Chromaprep labels (horizontal and vertical laid out legend)	240-75660336	Clause 3.6.4	
	Cable designation labels	240-75660336	Clause 3.7	
	Legend	240-75660336	Clause 3.7.1	
	Substrate	240-75660336	Clause 3.7.2	
	Cable route markers	240-75660336	Clause 3.8	
	Legend	240-75660336	Clause 3.8.1	
	Concrete block	240-75660336	Clause 3.8.2	
	Quality Assurance	240-75660336	Clause 3.9	
	General	240-75660336	Clause 3.9.1	
	Records	240-75660336	Clause 3.9.2	
	Tests	240-75660336	Clause 4	
	Marking, labelling and packaging	240-75660336	Clause 5	
	Identification and marking	240-75660336	Clause 5.1	
	Packaging	240-75660336	Clause 5.2	
	Samples	240-75660336	Clause 6	
	Supply and Delivery	240-75660336	Clause 7	
3	Tables			
	Colours for Substation Name Boards	240-75660336	Table 1	
	Colour requirements for substation equipment and substation phasing discs labels	240-75660336	Table 2	
	Minimum height of legend text	240-75660336	Table 3	
	Thickness of substrate for vitreous enamel labels	240-75660336	Table 4	
	Substation safety signs (OHS Act)	240-75660336	Table 5	
4	Annexures			
	List of drawings	240-75660336	Annex A	
	List of colour references	240-75660336	Annex B	
	List of primary plant labels & sizes	240-75660336	Annex C	
	List of label substrate types	240-75660336	Annex D	
	Substation Name Board	240-75660336	Annex E	
	Example Of Labels Required	240-75660336	Annex F	
	Enamelled Labels Text Layout	240-75660336	Annex G	
	Enamelled Labels Details	240-75660336	Annex H	
	Substation Primary Plant Label – Sizes & Legend Layout	240-75660336	Annex I	
	Substation Primary Plant Label – Sizes & Legend Layout	240-75660336	Annex J	
	Substation Primary Plant Label – Fibreglass Manufacturing Details	240-75660336	Annex K	
	Substation Primary Plant Label – Chromadek / Chromaprep Manufacturing details	240-75660336	Annex L	
	Tower label for Transmission lines - Vertical configuration	240-75660336	Annex M	
	Tower label for Transmission lines - Horizontal configuration	240-75660336	Annex N	
	Line designation labels.	240-75660336	Annex O	

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		Line designation labels - Vitreous Enamel substrate.	240-75660336	Annex P	
		Sub-Transmission Line Label – HV Line Designation & Structure Identification Label	240-75660336	Annex Q	
		Line crossing labels.	240-75660336	Annex R	
		Sub-Transmission Line Label – HV Line Crossing Label	240-75660336	Annex S	
		Low Voltage Line Label – LV Structure Identification Label	240-75660336	Annex T	
5.	•	DRAWINGS			
		As per Annexure A	240-75660336	Yes	
6	•	Test Reports		Required	
		Has the relevant signed mandatory test schedule been submitted.	240-75660336 Clause 4	N/A	
7	•	Product sample		Required	
		A sample may be requested for material and dimension verification.	240-75660336 Clause 6	1 Sample submitted	

Deviations to any of the stated requirements are to be captured on the Deviation Schedule. The ECSA registered person shall take responsibility of the deviations.

SUPPLIER SIGNATURES					
		Name (Print)		Company name	
		Sign		Date	

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