

	SUBSTATION CIVIL STANDARDS AND SPECIFICATIONS INDEX	Document Identifier	ER00***-00-P0*#2.6-0*	Rev	0
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CIVIL DESIGN				
2.6 SUBSTATION STANDARDS AND SPECIFICATIONS INDEX				
Project Description:	Mashaqiya Village (Nkandla) Solar PV Project			
Project No.'s:	ID	KZN-EBC-2403-1190868	WBS	C.DE07802
Document Identifier:	PW	ER00xxx-00-P01#2.6-00	Rev	0
Operating Unit	Kwa-Zulu Natal Operating Unit			
Section:	Asset Creation – Network Engineering and Design			
Department:	Civil Design			
Project Category:	Electrification			
PLCM Phase:	Detail Design			

Disclosure Classification (Internal)

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1	SOUTH AFRICAN NATIONAL STANDARDS (CIVIL)			
1.1	SANS 1921: 2004	CONSTRUCTION AND MANAGEMENT REQUIREMENTS FOR WORKS CONTRACTS, PART 1: GENERAL ENGINEERING AND CONSTRUCTION WORK.		
1.2	SANS 1200 A	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION A: GENERAL		
1.3	SANS 1200 AA	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION AA: GENERAL (SMALL WORKS)		
1.4	SANS 1200 C	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION C: SITE CLEARANCE		
1.5	SANS 1200 D	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION D: EARTHWORKS		
1.6	SANS 1200 DA	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION DA: EARTHWORKS (SMALL WORKS)		
1.7	SANS 1200 DB	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION DB: EARTHWORKS (PIPE TRENCHES)		
1.8	SANS 1200 DM	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION DM: EARTHWORKS (ROADS, SUBGRADE)		
1.9	SANS 1200 GA	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION GA: (CONCRETE WORKS - MINOR)		
1.10	SANS 1200 HA	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION HA: (STRUCTURAL STEELWORK - SUNDRY ITEMS)		
1.11	SANS 1200 HB	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION HA: (CLADDING AND SHEETING)		
1.12	SANS 1200 LB	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION LB: BEDDING PIPES		
1.13	SANS 1200 LC	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION LC: CABLE DUCTS		

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1.14	SANS 1200 LE	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION LE: STORMWATER DRAINAGE		
1.15	SANS 1200 M	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION M: ROADS (GENERAL)		
1.16	SANS 1200 ME	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION ME: SUBBASE		
1.17	SANS 1200 MF	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION MF: BASE		
1.18	SANS 1200 DK	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION DK: GABIONS AND PITCHING		
1.19	SANS 1200 MK	STANDARDIZED SPECIFICATION FOR CIVIL ENGINEERING CONSTRUCTION SECTION MK: KERBING AND CHANNELING		
1.20	SANS 10400	THE APPLICATION OF THE NATIONAL BUILDING REGULATIONS: PART A TO XA		
2	ADDITIONAL STANDARDS & SPECIFICATIONS (TO BE ADDED BY DESIGN ENGINEER)			
2.1	240-57127951	Standard for the Execution of Site Investigations		
2.2	240-91244751	Specification for Geotechnical Investigations Standard		
2.3	240-98349953	Geotechnical Investigation Check Sheet for Requirements from the Client		
2.4	240-87605434	Quality Checklist for Distribution Substation Primary Plant Prior to Handing Over for Commercial Operation		
2.5	240-71062174	Generic Substation Design		
2.6	240-153000199	Substations Drainage Specification		
2.7	DST_34-1275	Standard for Roadworks for Substations and Access Roads		
2.8	240-94743192	Standard For Fabrication Steelwork Used in Eskom Transmission Substations		
2.9	240-100183119	Standard for Substation HV Yard Fences		
2.10	DDT 5200-5399	Substations – Civil Details		

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TEMPLATE REVISION HISTORY

REV	Date	Compiler	Comment
0	2016	P Chetty	Original document
1	2017	P Chetty	Revised the header to include the correct format.
2	2025	P A Moabi	Review date extended to March 2030 and updated some contents of the document

DOCUMENT REVISION HISTORY

REV	Date		Comment
0			

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