

SPEC SHEET

SAP MATERIAL No.:	0169159							
SHORT DESCRIPTION:	TERM KIT 1C 44kV 185SQ CU PILC D2872							
TECH. DESCRIPTION: TERMINATION KIT FOR 25/44kV PAPER-INSULATED LEAD COVERED 1 CORE CABLE * 185mm SQUARE STRANDED COPPER CONDUCTOR * LEAD ALLOY E SHEATH * UNARMoured * PVC OUTER SHEATH * ESKOM CABLE CODE : HFL1SCV * OUTDOOR SPECIFIC CREEPAGE = 31mm/kV @ 44kV (i.e. CREEPAGE = 1500mm)* HEAT/COLD SHRINK * B.I.L. = 250kV * SHORT TIME CURRENT (EARTH) = 20kA (1 SEC) * CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION (INCLUDING LUG), BILL OF MATERIALS, FULLY DIMENTIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION * TORQUE SHEAR LUG WITH M16 FIXING HOLE TO BE INCLUDED * SHELF LIFE : ITEMS WITH MORE THAN ¼ OF LIFESPAN WILL NOT BE ACCEPTED * CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES SUITABLE FOR STORAGE OVER LONG PERIODS * ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER * EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) * ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST * LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS * DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED WITH DELIVERY NOTE * ESKOM DRAWING No. D-DT-2872 *								
ITEM	:- TERM KIT / SEALING END HV 1 CORE PAPER INSULATED / OIL FILLED							
MATERIAL SPECIFICATION	:-							
CORROSION SPECIFICATION	:-							
STANDARD SPECIFICATION	:-							
ESKOM SPECIFICATION	:- 34-1903							
TEST & CERTIFICATION REQUIREMENTS :- IEC 60141-1								
INSPECTION	Yes	No	ESKOM RELEASE NOTE			Yes	No	
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS								
7	SHORT DESCRIPTIONS CORRECTED		N.M.	M. SHUTER	M. SHUTER	10.02.2009		
6	VARIOUS CHANGES MADE TO TERMINATION KITS		P.A.T	R.KELLY	R.KELLY	08.10.2008		
5	WESTERN REGION ITEMS ADDED		P.A.T	R.KELLY	R.KELLY	03.09.2008		
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007			SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007			0169159		
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			D-DT-2872		
				SCALE		SET	SHEET	
				NTS		30	1	
				CAD REF:			REV	
				SERIES 2000			7	
				FILE No:				
				2872				

SPEC SHEET

SAP MATERIAL No.:	0169009
SHORT DESCRIPTION:	SEALING END 44kV 400SQ AL OF D2872

TECH. DESCRIPTION:
 SEALING END FOR 25/44kV OIL-FILLED PAPER INSULATED 1 CORE CABLE *
 400mm SQUARE STRANDED ALUMINIUM CONDUCTOR *
 OIL FILLED PAPER INSULATED *
 CARBON PAPER CONDUCTOR SCREEN *
 CARBON PAPER INTERLOCKED WITH ALUMINIUM TAPE CORE SCREEN
 CORRUGATED SEAMLESS ALUMINIUM SHEATH *
 PVC OUTER SHEATH *
 SEE DRAWING D-DT-0881 (SHEET 8) *
 CONSISTS OF :
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION, BILL OF MATERIALS,
 FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION *
 SUITABLE WELDING JIG TO BE INCLUDED *
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
 SUITABLE FOR STORAGE OVER LONG PERIODS *
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
 TO BE INCLUDED WITH DELIVERY NOTE *
 ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED		N.M.	M. SHUTER	M. SHUTER	10.02.2009	
6	VARIOUS CHANGES MADE TO TERMINATION KITS		P.A.T	R.KELLY	R.KELLY	08.10.2008	
5	WESTERN REGION ITEMS ADDED		P.A.T.	R.KELLY	R.KELLY	03.09.2008	
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 D-DT-2872		SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007			0169009	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET
						30	2
							7

SPEC SHEET

SAP MATERIAL No.:	0236352
SHORT DESCRIPTION:	SEALING END 66kV 300SQ AL OF D2872

TECH. DESCRIPTION:

SEALING END FOR 38/66kV OIL-FILLED PAPER INSULATED 1 CORE CABLE *

1 OFF 1 CORE TERMINATION FOR A 3-CORE CABLE TERMINATED USING A SPLITTER BOX *

300mm SQUARE STRANDED ALUMINIUM CONDUCTOR *

OIL FILLED PAPER INSULATED *

CARBON PAPER CONDUCTOR SCREEN *

CARBON PAPER INTERLOCKED WITH ALUMINIUM TAPE CORE SCREEN

CORRUGATED SEAMLESS ALUMINIUM SHEATH *

PE OUTER SHEATH *

FOR 3-CORE CABLE SEE DRAWING D-DT-0881 (SHEET 23) *

CONSISTS OF :

ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION *

SUITABLE WELDING JIG TO BE INCLUDED *

SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES

SUITABLE FOR STORAGE OVER LONG PERIODS *

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL

INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS

REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *

LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE

TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM

TO BE INCLUDED WITH DELIVERY NOTE *

ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED		N.M.	M. SHUTER	M. SHUTER	10.02.2009	
6	VARIOUS CHANGES MADE TO TERMINATION KITS		P.A.T	R.KELLY	R.KELLY	08.10.2008	
5	WESTERN REGION ITEMS ADDED		P.A.T.	R.KELLY	R.KELLY	03.09.2008	
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AUTH:	R. KELLY	DATE:	18.06.2007			SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007			0236352	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			D-DT-2872	
						SET	SHEET
						30	3
						REV	
						7	

SPEC SHEET

SAP MATERIAL No.:	0236353
SHORT DESCRIPTION:	SEALING END 66kV 500SQ AL OF D2872

TECH. DESCRIPTION:

SEALING END FOR 38/66kV OIL-FILLED PAPER INSULATED 1 CORE CABLE *
1 OFF 1 CORE TERMINATION FOR A 3-CORE CABLE TERMINATED USING A SPLITTER BOX *

SUITABLE FOR :

500mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 24) *

300mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 23) *

OIL FILLED PAPER INSULATED *

CARBON PAPER CONDUCTOR SCREEN *

CARBON PAPER INTERLOCKED WITH ALUMINIUM TAPE CORE SCREEN

CORRUGATED SEAMLESS ALUMINIUM SHEATH *

PE OUTER SHEATH *

CONSISTS OF :

ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION, BILL OF MATERIALS,
FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION *

SUITABLE WELDING JIGS TO BE INCLUDED *

SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES

SUITABLE FOR STORAGE OVER LONG PERIODS *

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL

INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS

REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *

LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE

TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM

TO BE INCLUDED WITH DELIVERY NOTE *

ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED				N.M.	M. SHUTER	M. SHUTER	10.02.2009				
6	VARIOUS CHANGES MADE TO TERMINATION KITS				P.A.T	R.KELLY	R.KELLY	08.10.2008				
5	WESTERN REGION ITEMS ADDED				P.A.T.	R.KELLY	R.KELLY	03.09.2008				
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS			
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE				SAP No:				
				NTS				0236353				
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:								
				SERIES 2000	D-DT-2872			SET	SHEET	REV		
				FILE No:				30		4		7
				2872								
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007									

SPEC SHEET

SAP MATERIAL No.:	0236354
SHORT DESCRIPTION:	SEALING END 66kV 710SQ AL OF D2872

TECH. DESCRIPTION:
 SEALING END FOR 38/66kV OIL-FILLED PAPER INSULATED 1 CORE CABLE *
 710mm SQUARE STRANDED ALUMINIUM CONDUCTOR *
 OIL FILLED PAPER INSULATED *
 CARBON PAPER CONDUCTOR SCREEN *
 CARBON PAPER INTERLOCKED WITH ALUMINIUM TAPE CORE SCREEN
 CORRUGATED SEAMLESS ALUMINIUM SHEATH *
 PE OUTER SHEATH *
 SEE DRAWING D-DT-0881 (SHEET 25) *
 CONSISTS OF :
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION, BILL OF MATERIALS,
 FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION *
 SUITABLE WELDING JIG TO BE INCLUDED *
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
 SUITABLE FOR STORAGE OVER LONG PERIODS *
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
 TO BE INCLUDED WITH DELIVERY NOTE *
 ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED		N.M.	M. SHUTER	M. SHUTER	10.02.2009	
6	VARIOUS CHANGES MADE TO TERMINATION KITS		P.A.T	R.KELLY	R.KELLY	08.10.2008	
5	WESTERN REGION ITEMS ADDED		P.A.T.	R.KELLY	R.KELLY	03.09.2008	
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 D-DT-2872		SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007			0236354	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET
						30	5
							7

SPEC SHEET

SAP MATERIAL No.:	0169158
SHORT DESCRIPTION:	SEALING END 88kV 500SQ AL OF D2872

TECH. DESCRIPTION:

SEALING END FOR 51/88kV OIL-FILLED PAPER-INSULATED 1 CORE CABLE *
 500mm SQUARE STRANDED ALUMINIUM CONDUCTOR *
 OIL FILLED PAPER INSULATED (PRESSURIZED) *
 CORRUGATED SEAMLESS ALUMINIUM SHEATH *
 PVC OUTER SHEATH *
 SEE DRAWING D-DT-0881 (SHEET 7) *
 CONSISTS OF :
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION, BILL OF MATERIALS,
 FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTIONS *
 SUITABLE WELDING JIG TO BE INCLUDED *
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
 SUITABLE FOR STORAGE OVER LONG PERIODS *
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
 TO BE INCLUDED WITH DELIVERY NOTE *
 ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED				N.M.	M. SHUTER	M. SHUTER	10.02.2009		
6	VARIOUS CHANGES MADE TO TERMINATION KITS				P.A.T	R.KELLY	R.KELLY	08.10.2008		
5	WESTERN REGION ITEMS ADDED				P.A.T.	R.KELLY	R.KELLY	03.09.2008		
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS				SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:				0169158		
				SERIES 2000	D-DT-2872			SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2872				30	6	7

SPEC SHEET

SAP MATERIAL No.:	0168322
SHORT DESCRIPTION:	SEALING END 88kV 1000SQ AL OF D2872

TECH. DESCRIPTION:

SEALING END FOR 51/88kV OIL-FILLED PAPER-INSULATED 1 CORE CABLE *
 1000mm SQUARE STRANDED AND SEGMENTED ALUMINIUM CONDUCTOR *
 OIL FILLED PAPER INSULATED (PRESSURIZED) * WITH OIL DUCT IN CENTRE OF CONDUCTOR *
 CORRUGATED SEAMLESS ALUMINIUM SHEATH *
 POLYETHYLENE OUTER SHEATH *
 SEE DRAWING D-DT-0881 (SHEET 2) *
 CONSISTS OF :
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION, BILL OF MATERIALS,
 FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTIONS *
 SUITABLE WELDING JIG TO BE INCLUDED *
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
 SUITABLE FOR STORAGE OVER LONG PERIODS *
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
 TO BE INCLUDED WITH DELIVERY NOTE *
 ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED				N.M.	M. SHUTER	M. SHUTER	10.02.2009			
6	VARIOUS CHANGES MADE TO TERMINATION KITS				P.A.T	R.KELLY	R.KELLY	08.10.2008			
5	WESTERN REGION ITEMS ADDED				P.A.T	R.KELLY	R.KELLY	03.09.2008			
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS				SAP No:			
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:				0168322			
				SERIES 2000	D-DT-2872			SET	SHEET	REV	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2872				30	7	7	

SPEC SHEET

SAP MATERIAL No.:	0236355
SHORT DESCRIPTION:	SEALING END 132kV 185SQ AL OF D2872

TECH. DESCRIPTION:

SEALING END FOR 76/132kV OIL-FILLED PAPER-INSULATED 1 CORE CABLE *
 1 OFF 1 CORE TERMINATION FOR A 3-CORE CABLE TERMINATED USING A SPLITTER BOX *
 185mm SQUARE STRANDED ALUMINIUM CONDUCTOR *
 OIL FILLED PAPER INSULATED (PRESSURIZED) *
 CARBON PAPER CONDUCTOR SCREEN *
 CARBON PAPER INTERLOCKED WITH ALUMINIUM TAPE CORE SCREEN
 CORRUGATED SEAMLESS ALUMINIUM SHEATH *
 POLYETHYLENE OUTER SHEATH *
 SEE DRAWING D-DT-0881 (SHEET 29) *

CONSISTS OF :

ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION, BILL OF MATERIALS,
 FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTIONS *
 SUITABLE WELDING JIG TO BE INCLUDED *
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
 SUITABLE FOR STORAGE OVER LONG PERIODS *
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
 TO BE INCLUDED WITH DELIVERY NOTE *
 ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED		N.M.	M. SHUTER	M. SHUTER	10.02.2009	
6	VARIOUS CHANGES MADE TO TERMINATION KITS		P.A.T	R.KELLY	R.KELLY	08.10.2008	
5	WESTERN REGION ITEMS ADDED		P.A.T.	R.KELLY	R.KELLY	03.09.2008	
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AUTH:	R. KELLY	DATE:	18.06.2007			SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007			0236355	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007				
				D-DT-2872		SET	SHEET
						30	8
						REV	
						7	

SPEC SHEET

SAP MATERIAL No.:	0236357
SHORT DESCRIPTION:	SEALING END 132kV 800SQ AL OF D2872

TECH. DESCRIPTION:

SEALING END FOR 76/132kV OIL-FILLED PAPER-INSULATED 1 CORE CABLE *
 800mm SQUARE STRANDED ALUMINIUM CONDUCTOR *
 OIL FILLED PAPER INSULATED (PRESSURIZED) *
 WITH OIL DUCT IN CENTRE OF CONDUCTOR *
 CORRUGATED SEAMLESS ALUMINIUM SHEATH *
 POLYETHYLENE OUTER SHEATH *
 SEE DRAWING D-DT-0881 (SHEET 30) *

CONSISTS OF :

ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION, BILL OF MATERIALS,
 FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTIONS *
 SUITABLE WELDING JIG TO BE INCLUDED *
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
 SUITABLE FOR STORAGE OVER LONG PERIODS *
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
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 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
 TO BE INCLUDED WITH DELIVERY NOTE *
 ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED		N.M.	M. SHUTER	M. SHUTER	10.02.2009	
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5	WESTERN REGION ITEMS ADDED		P.A.T.	R.KELLY	R.KELLY	03.09.2008	
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AUTH:	R. KELLY	DATE:	18.06.2007	 D-DT-2872		SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007			0236357	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET
						30	9
							7

SPEC SHEET

SAP MATERIAL No.:	0193949
SHORT DESCRIPTION:	SEALING END 132kV 400SQ CU OF D2872

TECH. DESCRIPTION:

SEALING END FOR 76/132kV OIL-FILLED PAPER-INSULATED 1 CORE CABLE *

400mm SQUARE STRANDED COPPER CONDUCTOR *

OIL FILLED PAPER INSULATED (PRESSURIZED) *

CORRUGATED SEAMLESS ALUMINIUM SHEATH *

PVC OUTER SHEATH *

SEE DRAWING D-DT-0881 (SHEET 6) *

CONSISTS OF :

ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTIONS *

SUITABLE WELDING JIG TO BE INCLUDED *

SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES

SUITABLE FOR STORAGE OVER LONG PERIODS *

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL

INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS

REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *

LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE

TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM

TO BE INCLUDED WITH DELIVERY NOTE *

ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED				N.M.	M. SHUTER	M. SHUTER	10.02.2009		
6	VARIOUS CHANGES MADE TO TERMINATION KITS				P.A.T	R.KELLY	R.KELLY	08.10.2008		
5	WESTERN REGION ITEMS ADDED				P.A.T.	R.KELLY	R.KELLY	03.09.2008		
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS				SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:				0193949		
				SERIES 2000	D-DT-2872			SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2872				30	10	7

SPEC SHEET

SAP MATERIAL No.:	0227508
SHORT DESCRIPTION:	SEALING END 132kV 630SQ CU OF D2872

TECH. DESCRIPTION:

SEALING END FOR 76/132kV OIL-FILLED PAPER-INSULATED 1 CORE CABLE *

SUITABLE FOR :

630mm SQUARE STRANDED COPPER CONDUCTOR (SEE D-DT-0881 SHEET 19) *

800mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 30) *

OIL FILLED PAPER INSULATED (PRESSURIZED) *

WITH OIL DUCT IN CENTRE OF CONDUCTOR *

CORRUGATED SEAMLESS ALUMINIUM SHEATH *

POLYETHYLENE OUTER SHEATH *

CONSISTS OF :

ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTIONS *

SUITABLE WELDING JIGS TO BE INCLUDED *

SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES

SUITABLE FOR STORAGE OVER LONG PERIODS *

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL

INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS

REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *

LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE

TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM

TO BE INCLUDED WITH DELIVERY NOTE *

ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED				N.M.	M. SHUTER	M. SHUTER	10.02.2009		
6	VARIOUS CHANGES MADE TO TERMINATION KITS				P.A.T	R.KELLY	R.KELLY	08.10.2008		
5	WESTERN REGION ITEMS ADDED				P.A.T	R.KELLY	R.KELLY	03.09.2008		
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS				SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:				0227508		
				SERIES 2000	D-DT-2872			SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2872				30	11	7

SPEC SHEET

SAP MATERIAL No.:	0190227							
SHORT DESCRIPTION:	TERM KIT 1C 44kV 400SQCUXLPE NSS D2872							
TECH. DESCRIPTION: TERMINATION KIT FOR 25/44kV XLPE-INSULATED 1 CORE CABLE * 400mm SQUARE STRANDED COPPER CONDUCTOR * CORRUGATED SEAMLESS ALUMINIUM SHEATH * POLYETHYLENE OUTER SHEATH * SEE DRAWING D-DT-0881 (SHEET 9) * OUTDOOR * SPECIFIC CREEPAGE = 31mm/kV @ 44kV (i.e. CREEPAGE = 1500mm) * NON-SELF SUPPORTING TYPE (COLD SHRINK/HEAT SHRINK/SLIP-ON) * B.I.L. = 250kV * CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTALLATION INSTRUCTION * TORQUE SHEAR LUG WITH M16 FIXING HOLE TO BE INCLUDED * SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED * CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES SUITABLE FOR STORAGE OVER LONG PERIODS * ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER * EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) * ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST * LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS * DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED WITH DELIVERY NOTE * ESKOM DRAWING No. D-DT-2872 *								
ITEM	:- TERM KIT HV 1 CORE XLPE							
MATERIAL SPECIFICATION	:-							
CORROSION SPECIFICATION	:-							
STANDARD SPECIFICATION	:-							
ESKOM SPECIFICATION	:- 34-1625							
TEST & CERTIFICATION REQUIREMENTS :- SANS 60840								
INSPECTION	Yes	No	ESKOM RELEASE NOTE			Yes	No	
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS								
7	SHORT DESCRIPTIONS CORRECTED		N.M.	M. SHUTER	M. SHUTER	10.02.2009		
6	VARIOUS CHANGES MADE TO TERMINATION KITS		P.A.T	R.KELLY	R.KELLY	08.10.2008		
5	WESTERN REGION ITEMS ADDED		P.A.T.	R.KELLY	R.KELLY	03.09.2008		
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007			SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007			0190227		
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			D-DT-2872		
				SCALE		SET	SHEET	
				NTS		30	12	
				CAD REF:		REV		
				SERIES 2000		7		
				FILE No:				
				2872				

SPEC SHEET

SAP MATERIAL No.:	0169016
SHORT DESCRIPTION:	TERM KIT 1C 44kV 1000SQ CU XLPE D2872

TECH. DESCRIPTION:
 TERMINATION KIT FOR 25/44kV XLPE-INSULATED 1 CORE CABLE *
 1000mm SQUARE STRANDED COPPER CONDUCTOR *
 CORRUGATED SEAMLESS ALUMINIUM SHEATH *
 PVC OUTER SHEATH *
 SEE DRAWING D-DT-0881 (SHEET 10) *
 OUTDOOR * SPECIFIC CREEPAGE = 31mm/kV @ 44kV (i.e. CREEPAGE = 1500mm)*
 CONSISTS OF :
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION,
 BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS
 AND INSTALLATION INSTRUCTION *
 TORQUE SHEAR CONNECTOR TO BE INCLUDED *
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
 SUITABLE FOR STORAGE OVER LONG PERIODS *
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
 TO BE INCLUDED WITH DELIVERY NOTE *
 ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED		N.M.	M. SHUTER	M. SHUTER	10.02.2009	
6	VARIOUS CHANGES MADE TO TERMINATION KITS		P.A.T	R.KELLY	R.KELLY	08.10.2008	
5	WESTERN REGION ITEMS ADDED		P.A.T.	R.KELLY	R.KELLY	03.09.2008	
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 D-DT-2872		SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007			0169016	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET
						30	13
							7

SPEC SHEET

SAP MATERIAL No.:	0236358
SHORT DESCRIPTION:	TERM KIT 1C 66kV 300SQ AL XLPE CST D2872

TECH. DESCRIPTION:

TERMINATION KIT FOR 38/66kV XLPE-INSULATED 1 CORE CABLE *

300mm SQUARE STRANDED ALUMINIUM CONDUCTOR *

CORRUGATED SEAMLESS ALUMINIUM SHEATH *

PE OUTER SHEATH *

SEE DRAWING D-DT-0881 (SHEET 26) *

FOR COASTAL APPLICATIONS *

SPECIFIC CREEPAGE = 31mm/kV @ 66kV (i.e. CREEPAGE = 2250mm) *

TORQUE SHEAR MECHANICAL CONNECTOR *

CONSISTS OF :

ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION,
BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS
AND INSTALLATION INSTRUCTION *

SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
SUITABLE FOR STORAGE OVER LONG PERIODS *

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *

LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
TO BE INCLUDED WITH DELIVERY NOTE *

ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED				N.M.	M. SHUTER	M. SHUTER	10.02.2009		
6	VARIOUS CHANGES MADE TO TERMINATION KITS				P.A.T	R.KELLY	R.KELLY	08.10.2008		
5	WESTERN REGION ITEMS ADDED				P.A.T	R.KELLY	R.KELLY	03.09.2008		
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS				SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:				0236358		
				SERIES 2000	D-DT-2872			SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2872				30	14	7

SPEC SHEET

SAP MATERIAL No.:	0236360
SHORT DESCRIPTION:	TERM KIT 1C 66kV 400SQ AL XLPE CST D2872

TECH. DESCRIPTION:

TERMINATION KIT FOR 38/66kV XLPE-INSULATED 1 CORE CABLE *

SUITABLE FOR :

400mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 27) *

300mm SQUARE STRANDED ALUMINIUM CONDUCTOR (SEE D-DT-0881 SHEET 26) *

CORRUGATED SEAMLESS ALUMINIUM SHEATH *

PE OUTER SHEATH *

FOR COASTAL APPLICATIONS *

SPECIFIC CREEPAGE = 31mm/kV @ 66kV (i.e. CREEPAGE = 2250mm) *

TORQUE SHEAR MECHANICAL CONNECTORS FOR 400mm SQ AND 300mm SQ CONDUCTORS *

CONSISTS OF :

ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION,

BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS

AND INSTALLATION INSTRUCTION *

SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES

SUITABLE FOR STORAGE OVER LONG PERIODS *

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL

INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS

REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *

LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE

TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM

TO BE INCLUDED WITH DELIVERY NOTE *

ESKOM DRAWING No. D-DT-2872 *

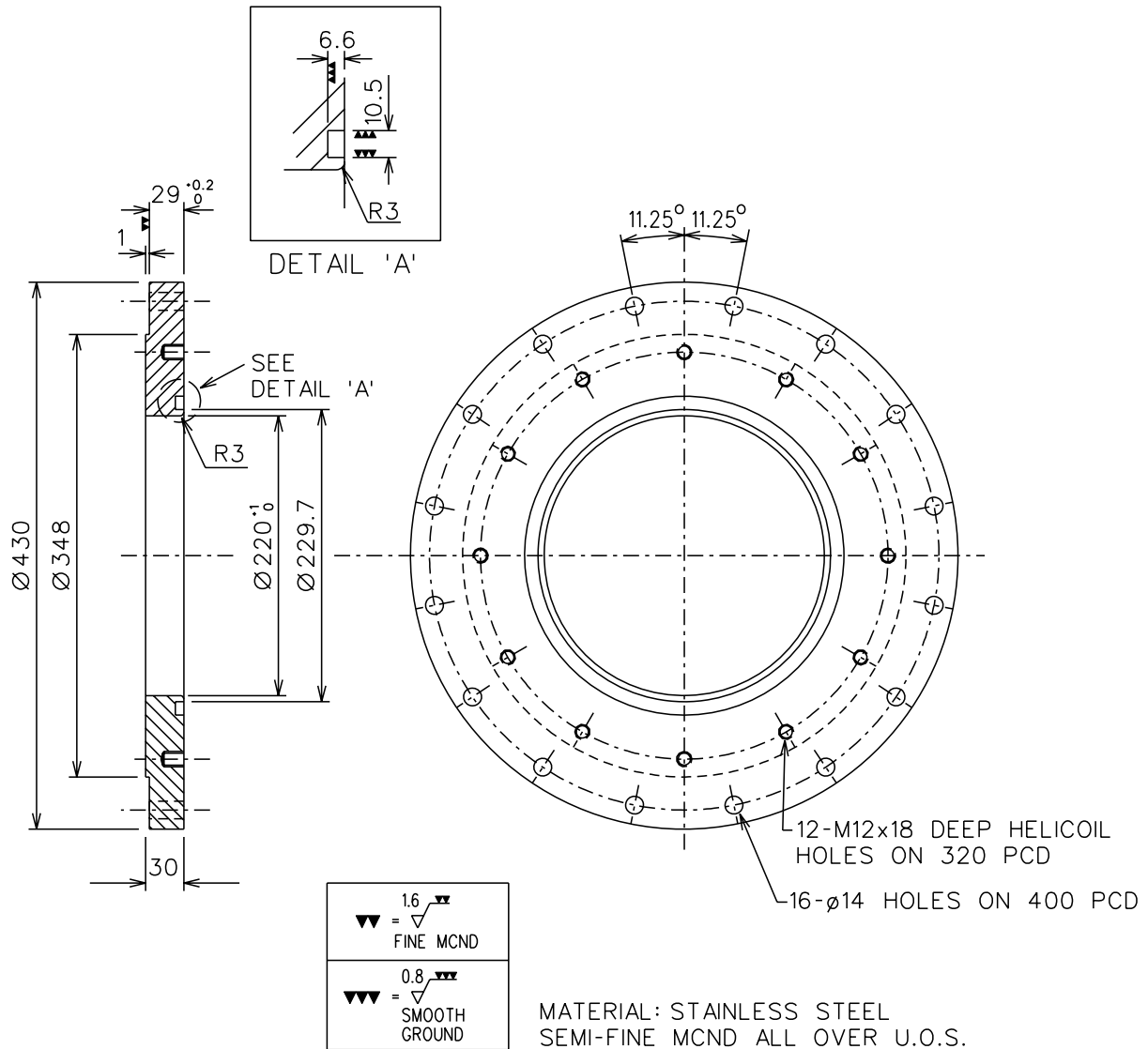
7	SHORT DESCRIPTIONS CORRECTED				N.M.	M. SHUTER	M. SHUTER	10.02.2009		
6	VARIOUS CHANGES MADE TO TERMINATION KITS				P.A.T	R.KELLY	R.KELLY	08.10.2008		
5	WESTERN REGION ITEMS ADDED				P.A.T.	R.KELLY	R.KELLY	03.09.2008		
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS				SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:				0236360		
				SERIES 2000	D-DT-2872			SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2872				30	15	7

SPEC SHEET

SAP MATERIAL No.:		0236361							
SHORT DESCRIPTION:		TERM KIT 1C 66kV 400SQ XLPE TFR D2872							
TECH. DESCRIPTION:									
TERMINATION KIT FOR 38/66kV XLPE-INSULATED 1 CORE CABLE *									
400mm SQ. STRANDED ALUMINIUM CONDUCTOR *									
CORRUGATED SEAMLESS ALUMINIUM SHEATH *									
POLYETHYLENE OUTER SHEATH *									
SEE DRAWING D-DT-0881 (SHEET 27) *									
DRY TYPE TERMINATION SUITABLE FOR TERMINATING INTO OIL FILLED TRANSFORMER *									
DIMENSIONS IN ACCORDANCE WITH IEC 62271-209 (I ₅ =757mm) *									
REQUIRED FOR DUFERCO 66 kV SUBSTATION TRANSFORMERS *									
CONSISTS OF :									
ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE									
TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS									
AND INSTRUCTION SHEET *									
SHELF LIFE : ITEMS WITH MORE THAN ½ OF LIFESPAN WILL NOT BE ACCEPTED *									
CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES									
SUITABLE FOR STORAGE OVER LONG PERIODS *									
ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *									
EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL									
INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *									
ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS									
REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *									
LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE									
TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *									
DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM									
TO BE INCLUDED WITH DELIVERY NOTE *									
ESKOM DRAWING No. D-DT-2872 *									
7	SHORT DESCRIPTIONS CORRECTED			N.M.	M. SHUTER	M. SHUTER	10.02.2009		
6	VARIOUS CHANGES MADE TO TERMINATION KITS			P.A.T	R.KELLY	R.KELLY	08.10.2008		
5	WESTERN REGION ITEMS ADDED			P.A.T.	R.KELLY	R.KELLY	03.09.2008		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS			SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:			0236361		
				SERIES 2000					
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2872	D-DT-2872		SET	SHEET	REV
							30	16	7

SPEC SHEET

SAP MATERIAL No.:		0227512							
SHORT DESCRIPTION:		TERM KIT 1C 88kV 240SQ CU XLPE CST D2872							
TECH. DESCRIPTION: TERMINATION KIT FOR 51/88kV XLPE-INSULATED 1 CORE CABLE * 240mm SQUARE STRANDED COPPER CONDUCTOR * 90mm SQUARE COPPER WIRE SCREEN * ALUMINIUM POLYETHYLENE LAMINATE (APL) SHEATH * SEE D-DT-0881 (SHEET 15) * FOR COASTAL APPLICATIONS * SPECIFIC CREEPAGE = 31mm/kV * TORQUE SHEAR MECHANICAL CONNECTOR * CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTRUCTION SHEET * SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED * CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES SUITABLE FOR STORAGE OVER LONG PERIODS * ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER * EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) * ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST * LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS * DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED WITH DELIVERY NOTE * ESKOM DRAWING No. D-DT-2872 *									
7	SHORT DESCRIPTIONS CORRECTED			N.M.	M. SHUTER	M. SHUTER	10.02.2009		
6	VARIOUS CHANGES MADE TO TERMINATION KITS			P.A.T	R.KELLY	R.KELLY	08.10.2008		
5	WESTERN REGION ITEMS ADDED			P.A.T.	R.KELLY	R.KELLY	03.09.2008		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS				SAP No: 0227512	
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF: SERIES 2000				SET	SHEET
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2872		D-DT-2872		30	17
								7	



SF6 BASE PLATE
(88kV CRAIGHALL MTS)

7	SHORT DESCRIPTIONS CORRECTED				N.M.	M. SHUTER	M. SHUTER	10.02.2009		
6	VARIOUS CHANGES MADE TO TERMINATION KITS				P.A.T	R.KELLY	R.KELLY	08.10.2008		
5	WESTERN REGION ITEMS ADDED				P.A.T.	R.KELLY	R.KELLY	03.09.2008		
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS				SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:						
				SERIES 2000	D-DT-2872			SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2872				30	18	7

SPEC SHEET

SAP MATERIAL No.:	0227509										
SHORT DESCRIPTION:	TERM KIT 1C 88kV 1000SQ AL XLPE SF6D2872										
TECH. DESCRIPTION: TERMINATION KIT FOR 51/88kV XLPE-INSULATED 1 CORE CABLE * 1000mm SQUARE STRANDED ALUMINIUM CONDUCTOR * CORRUGATED SEAMLESS ALUMINIUM SHEATH * POLYETHYLENE OUTER SHEATH * SEE DRAWING D-DT-0881 (SHEET 11) * DRY TYPE TERMINATION SUITABLE FOR TERMINATING INTO SF6 SWITCHGEAR * DIMENSIONS IN ACCORDANCE WITH IEC 62271-209 (I₅=757mm) * SUITABLE FOR SWITCHGEAR STAINLESS STEEL ADAPTOR BASE PLATE (SEE SHEET 10 FOR DETAILS) * REQUIRED FOR ORIGINAL CRAIGHALL 88 kV GIS SUBSTATION (HORIZONTAL TERMINATIONS) * CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTRUCTION SHEET * SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED * CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES SUITABLE FOR STORAGE OVER LONG PERIODS * ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER * EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) * ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST * LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS * DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED WITH DELIVERY NOTE * ESKOM DRAWING No. D-DT-2872 *											
7	SHORT DESCRIPTIONS CORRECTED			N.M.	M. SHUTER	M. SHUTER	10.02.2009				
6	VARIOUS CHANGES MADE TO TERMINATION KITS			P.A.T	R.KELLY	R.KELLY	08.10.2008				
5	WESTERN REGION ITEMS ADDED			P.A.T.	R.KELLY	R.KELLY	03.09.2008				
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE				SAP No:			
CHKD:	R. KELLY	DATE:	18.06.2007	NTS				0227509			
				CAD REF:							
				SERIES 2000	D-DT-2872			SET	SHEET	REV	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No:				30	19	7	
				2872							

SPEC SHEET

SAP MATERIAL No.:	0227510
SHORT DESCRIPTION:	TERM KIT 1C 88kV 1000SQ CU XLPE SF6D2872

TECH. DESCRIPTION:

TERMINATION KIT FOR 51/88kV XLPE-INSULATED 1 CORE CABLE *
 1000mm SQUARE STRANDED COPPER CONDUCTOR *
 CORRUGATED SEAMLESS ALUMINIUM SHEATH *
 POLYETHYLENE OUTER SHEATH *
 SEE DRAWING D-DT-0881 (SHEET 12) *
 DRY TYPE TERMINATION SUITABLE FOR TERMINATING INTO SF6 SWITCHGEAR *
 DIMENSIONS IN ACCORDANCE WITH IEC 62271-209 (I₅=757mm) *
 SUITABLE FOR SWITCHGEAR STAINLESS STEEL ADAPTOR BASE PLATE
 (SEE SHEET 10 FOR DETAILS) * REQUIRED FOR ORIGINAL CRAIGHALL 88 kV GIS SUBSTATION
 (HORIZONTAL TERMINATIONS) *
 CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE
 TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS
 AND INSTRUCTION SHEET *
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
 SUITABLE FOR STORAGE OVER LONG PERIODS *
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
 TO BE INCLUDED WITH DELIVERY NOTE *
 ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED				N.M.	M. SHUTER	M. SHUTER	10.02.2009			
6	VARIOUS CHANGES MADE TO TERMINATION KITS				P.A.T	R.KELLY	R.KELLY	08.10.2008			
5	WESTERN REGION ITEMS ADDED				P.A.T	R.KELLY	R.KELLY	03.09.2008			
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY		DATE:	18.06.2007	SCALE NTS				SAP No:		
CHKD:	R. KELLY		DATE:	18.06.2007	CAD REF:				0227510		
					SERIES 2000		D-DT-2872		SET	SHEET	REV
DRAWN:	P.A. VERMAAK		DATE:	23.05.2007	FILE No: 2872				30	20	7

SPEC SHEET

SAP MATERIAL No.:	0236362
SHORT DESCRIPTION:	TERM KIT 1C 132kV 240SQ CU XLPECST D2872

TECH. DESCRIPTION:
TERMINATION KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE *
240mm SQUARE STRANDED COPPER CONDUCTOR *
CORRUGATED SEAMLESS ALUMINIUM SHEATH *
POLYETHYLENE OUTER SHEATH *
SEE DRAWING D-DT-0881 (SHEET 31) *
FOR COASTAL APPLICATIONS *
SPECIFIC CREEPAGE = 31mm/kV @ 132kV (i.e. CREEPAGE = 4501mm) *
TORQUE SHEAR MECHANICAL CONNECTOR *
CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE
TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS
AND INSTRUCTION SHEET *
SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
SUITABLE FOR STORAGE OVER LONG PERIODS *
ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *
ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *
LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
TO BE INCLUDED WITH DELIVERY NOTE *
ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED				N.M.	M. SHUTER	M. SHUTER	10.02.2009			
6	VARIOUS CHANGES MADE TO TERMINATION KITS				P.A.T.	R.KELLY	R.KELLY	08.10.2008			
5	WESTERN REGION ITEMS ADDED				P.A.T.	R.KELLY	R.KELLY	03.09.2008			
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS		
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE				SAP No:			
				NTS							
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:	D-DT-2872			0236362			
				SERIES 2000							
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No:	D-DT-2872			SET		SHEET	REV
				2872						30	

SPEC SHEET

SAP MATERIAL No.:	0236363
SHORT DESCRIPTION:	TERM KIT 1C 132kV 240SQ XLPE SF6 D2872

TECH. DESCRIPTION:

TERMINATION KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE *
 240mm SQ. STRANDED COPPER CONDUCTOR *
 CORRUGATED SEAMLESS ALUMINIUM SHEATH *
 POLYETHYLENE OUTER SHEATH *
 SEE DRAWING D-DT-0881 (SHEET 31) *
 DRY TYPE TERMINATION SUITABLE FOR TERMINATING INTO SF6 SWITCHGEAR *
 DIMENSIONS IN ACCORDANCE WITH IEC 62271-209 *
 REQUIRED FOR KOEBERG 132 kV GIS SUBSTATION *
 CONSISTS OF :
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE
 TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS
 AND INSTRUCTION SHEET *
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
 SUITABLE FOR STORAGE OVER LONG PERIODS *
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
 TO BE INCLUDED WITH DELIVERY NOTE *
 ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED		N.M.	M. SHUTER	M. SHUTER	10.02.2009	
6	VARIOUS CHANGES MADE TO TERMINATION KITS		P.A.T	R.KELLY	R.KELLY	08.10.2008	
5	WESTERN REGION ITEMS ADDED		P.A.T.	R.KELLY	R.KELLY	03.09.2008	
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 D-DT-2872		SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007			0236363	
						SET	SHEET
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			30	22
							7

SPEC SHEET

SAP MATERIAL No.:	0236364
SHORT DESCRIPTION:	TERM KIT 1C 132kV 300SQ AL XLPECST D2872

TECH. DESCRIPTION:
 TERMINATION KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE *
 300mm SQUARE STRANDED ALUMINIUM CONDUCTOR *
 CORRUGATED SEAMLESS ALUMINIUM SHEATH *
 POLYETHYLENE OUTER SHEATH *
 SEE DRAWING D-DT-0881 (SHEET 32) *
 FOR COASTAL APPLICATIONS *
 SPECIFIC CREEPAGE = 31mm/kV @ 132kV (i.e. CREEPAGE = 4501mm) *
 TORQUE SHEAR MECHANICAL CONNECTOR *
 CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE
 TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS
 AND INSTRUCTION SHEET *
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
 SUITABLE FOR STORAGE OVER LONG PERIODS *
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
 TO BE INCLUDED WITH DELIVERY NOTE *
 ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED		N.M.	M. SHUTER	M. SHUTER	10.02.2009	
6	VARIOUS CHANGES MADE TO TERMINATION KITS		P.A.T	R.KELLY	R.KELLY	08.10.2008	
5	WESTERN REGION ITEMS ADDED		P.A.T.	R.KELLY	R.KELLY	03.09.2008	
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 D-DT-2872		SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007			0236364	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET
						30	23
							7

SPEC SHEET

SAP MATERIAL No.:	0227511
SHORT DESCRIPTION:	TERM KIT 1C 132kV 400SQ CU EPR SF6 D2872

TECH. DESCRIPTION:

TERMINATION KIT FOR 76/132kV EPR-INSULATED 1 CORE CABLE *

400mm SQUARE STRANDED COPPER CONDUCTOR *

CORRUGATED SEAMLESS ALUMINIUM SHEATH *

POLYETHYLENE OUTER SHEATH *

SEE DRAWING D-DT-0881 (SHEET 13) *

DRY TYPE TERMINATION SUITABLE FOR TERMINATING INTO SF6 SWITCHGEAR *

DIMENSIONS IN ACCORDANCE WITH IEC 62271-209 (I_s=757mm) *

REQUIRED FOR CROYDON 132kV GIS SUBSTATION *

CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS AND INSTRUCTION SHEET *

SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES SUITABLE FOR STORAGE OVER LONG PERIODS *

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *

LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM TO BE INCLUDED WITH DELIVERY NOTE *

ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED				N.M.	M. SHUTER	M. SHUTER	10.02.2009		
6	VARIOUS CHANGES MADE TO TERMINATION KITS				P.A.T	R.KELLY	R.KELLY	08.10.2008		
5	WESTERN REGION ITEMS ADDED				P.A.T	R.KELLY	R.KELLY	03.09.2008		
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS				SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:				0227511		
				SERIES 2000						SET
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2872	D-DT-2872			30	24	7

SPEC SHEET

SAP MATERIAL No.:	0236365
SHORT DESCRIPTION:	TERM KIT 1C 132kV 500SQ XLPE SF6 D2872

TECH. DESCRIPTION:

PLUG-IN TERMINATION KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE *
 500mm SQ. STRANDED COPPER CONDUCTOR *
 CORRUGATED SEAMLESS ALUMINIUM SHEATH *
 POLYETHYLENE OUTER SHEATH *
 SEE DRAWING D-DT-0881 (SHEET 34) *
 DRY TYPE TERMINATION SUITABLE FOR TERMINATING INTO SF6 SWITCHGEAR *
 DIMENSIONS IN ACCORDANCE WITH IEC 62271-209 *
 REQUIRED FOR SALDANHA STEEL 132 kV GIS SUBSTATION *
 CONSISTS OF :
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE
 TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS
 AND INSTRUCTION SHEET *
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
 SUITABLE FOR STORAGE OVER LONG PERIODS *
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
 TO BE INCLUDED WITH DELIVERY NOTE *
 ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED			N.M.	M. SHUTER	M. SHUTER	10.02.2009	
6	VARIOUS CHANGES MADE TO TERMINATION KITS			P.A.T	R.KELLY	R.KELLY	08.10.2008	
5	WESTERN REGION ITEMS ADDED			P.A.T.	R.KELLY	R.KELLY	03.09.2008	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE			SAP No:	
				NTS				
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:			0236365	
				SERIES 2000	D-DT-2872		SET	SHEET
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No:			30	25
				2872				7

SPEC SHEET

SAP MATERIAL No.:	0236366
SHORT DESCRIPTION:	TERM KIT 1C 132kV 500SQ XLPE TFR D2872

TECH. DESCRIPTION:

PLUG-IN TERMINATION KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE *
 500mm SQ. STRANDED COPPER CONDUCTOR *
 CORRUGATED SEAMLESS ALUMINIUM SHEATH *
 POLYETHYLENE OUTER SHEATH *
 SEE DRAWING D-DT-0881 (SHEET 34) *
 DRY TYPE TERMINATION SUITABLE FOR TERMINATING INTO OIL FILLED TRANSFORMER *
 DIMENSIONS IN ACCORDANCE WITH IEC 62271-209 *
 REQUIRED FOR SALDANHA STEEL 132 kV SUBSTATION TRANSFORMERS *
 CONSISTS OF :
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE
 TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS
 AND INSTRUCTION SHEET *
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
 SUITABLE FOR STORAGE OVER LONG PERIODS *
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
 TO BE INCLUDED WITH DELIVERY NOTE *
 ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED			N.M.	M. SHUTER	M. SHUTER	10.02.2009	
6	VARIOUS CHANGES MADE TO TERMINATION KITS			P.A.T	R.KELLY	R.KELLY	08.10.2008	
5	WESTERN REGION ITEMS ADDED			P.A.T.	R.KELLY	R.KELLY	03.09.2008	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE			SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007	NTS			0236366	
				CAD REF:				
				SERIES 2000	D-DT-2872		SET	SHEET
				FILE No:			30	26
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	2872				7

SPEC SHEET

SAP MATERIAL No.:	0236367
SHORT DESCRIPTION:	TERM KIT 1C 132kV 630SQ CU XLPECST D2872

TECH. DESCRIPTION:
 TERMINATION KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE *
 630mm SQUARE STRANDED COPPER CONDUCTOR *
 CORRUGATED SEAMLESS ALUMINIUM SHEATH *
 POLYETHYLENE OUTER SHEATH *
 SEE DRAWING D-DT-0881 (SHEET 33) *
 FOR COASTAL APPLICATIONS *
 SPECIFIC CREEPAGE = 31mm/kV @ 132kV (i.e. CREEPAGE = 4501mm) *
 TORQUE SHEAR MECHANICAL CONNECTOR *
 CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE
 TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS
 AND INSTRUCTION SHEET *
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
 SUITABLE FOR STORAGE OVER LONG PERIODS *
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
 TO BE INCLUDED WITH DELIVERY NOTE *
 ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED				N.M.	M. SHUTER	M. SHUTER	10.02.2009		
6	VARIOUS CHANGES MADE TO TERMINATION KITS				P.A.T	R.KELLY	R.KELLY	08.10.2008		
5	WESTERN REGION ITEMS ADDED				P.A.T.	R.KELLY	R.KELLY	03.09.2008		
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS	 D-DT-2872			SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:				0236367		
				SERIES 2000				SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2872				30	27	7

SPEC SHEET

SAP MATERIAL No.:	0224350
SHORT DESCRIPTION:	TERM KIT 1C 132kV 1000SQ CU XLPECSTD2872

TECH. DESCRIPTION:

TERMINATION KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE *

1000mm SQUARE STRANDED COPPER CONDUCTOR *

CORRUGATED SEAMLESS ALUMINIUM SHEATH *

POLYETHYLENE OUTER SHEATH *

SEE DRAWING D-DT-0881 (SHEET 18) *

FOR COASTAL APPLICATIONS *

SPECIFIC CREEPAGE = 31mm/kV @ 132kV (i.e. CREEPAGE = 4501mm) *

TORQUE SHEAR MECHANICAL CONNECTOR *

CONSISTS OF : ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE
TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS
AND INSTRUCTION SHEET *

SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *

CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
SUITABLE FOR STORAGE OVER LONG PERIODS *

ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *

EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *

ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *

LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *

DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
TO BE INCLUDED WITH DELIVERY NOTE *

ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED				N.M.	M. SHUTER	M. SHUTER	10.02.2009		
6	VARIOUS CHANGES MADE TO TERMINATION KITS				P.A.T	R.KELLY	R.KELLY	08.10.2008		
5	WESTERN REGION ITEMS ADDED				P.A.T.	R.KELLY	R.KELLY	03.09.2008		
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE NTS				SAP No:		
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:				0224350		
				SERIES 2000	D-DT-2872			SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No: 2872				30	28	7

SPEC SHEET

SAP MATERIAL No.:	0236423
SHORT DESCRIPTION:	TERM KIT 1C 132kV 1000SQ XLPE SF6 D2872

TECH. DESCRIPTION:

PLUG-IN TERMINATION KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE *
 1000mm SQ. STRANDED COPPER CONDUCTOR *
 CORRUGATED SEAMLESS ALUMINIUM SHEATH *
 POLYETHYLENE OUTER SHEATH *
 SEE DRAWING D-DT-0881 (SHEET 18) *
 DRY TYPE TERMINATION SUITABLE FOR TERMINATING INTO SF6 SWITCHGEAR *
 DIMENSIONS IN ACCORDANCE WITH IEC 62271-209 *
 REQUIRED FOR TAFELBAAI 132 kV SUBSTATION *
 CONSISTS OF :
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE
 TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS
 AND INSTRUCTION SHEET *
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
 SUITABLE FOR STORAGE OVER LONG PERIODS *
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
 TO BE INCLUDED WITH DELIVERY NOTE *
 ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED			N.M.	M. SHUTER	M. SHUTER	10.02.2009	
6	VARIOUS CHANGES MADE TO TERMINATION KITS			P.A.T	R.KELLY	R.KELLY	08.10.2008	
5	WESTERN REGION ITEMS ADDED			P.A.T.	R.KELLY	R.KELLY	03.09.2008	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	SCALE			SAP No:	
				NTS				
CHKD:	R. KELLY	DATE:	18.06.2007	CAD REF:			0236423	
				SERIES 2000	D-DT-2872		SET	SHEET
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007	FILE No:			30	29
				2872				7

SPEC SHEET

SAP MATERIAL No.:	0236424
SHORT DESCRIPTION:	TERM KIT 1C 132kV 1000SQ XLPE TFR D2872

TECH. DESCRIPTION:

PLUG-IN TERMINATION KIT FOR 76/132kV XLPE-INSULATED 1 CORE CABLE *
 1000mm SQ. STRANDED COPPER CONDUCTOR *
 CORRUGATED SEAMLESS ALUMINIUM SHEATH *
 POLYETHYLENE OUTER SHEATH *
 SEE DRAWING D-DT-0881 (SHEET 18) *
 DRY TYPE TERMINATION SUITABLE FOR TERMINATING INTO OIL FILLED TRANSFORMER *
 DIMENSIONS IN ACCORDANCE WITH IEC 62271-209 *
 REQUIRED FOR TAFELBAAI 132 kV SUBSTATION *
 CONSISTS OF :
 ALL NON-CONSUMABLE MATERIAL REQUIRED TO COMPLETE
 TERMINATION, BILL OF MATERIALS, FULLY DIMENSIONED ASSEMBLY DRAWINGS
 AND INSTRUCTION SHEET *
 SHELF LIFE : ITEMS WITH MORE THAN 1/3 OF LIFESPAN WILL NOT BE ACCEPTED *
 CABLE ACCESSORIES TO BE INDIVIDUALLY PACKED IN WOODEN/EQUIV CRATES
 SUITABLE FOR STORAGE OVER LONG PERIODS *
 ESKOM SAP NUMBER TO BE STENCILLED ONTO CRATES TOGETHER WITH CRATE NUMBER *
 EACH CRATE TO BE CLEARLY MARKED WITH DURABLE LABEL
 INDICATING THE CONTENTS OF THE CRATE (PARTS LIST) *
 ALL INDIVIDUAL COMPONENTS TO BE MARKED WITH A PART NUMBER AS
 REFERENCED IN BILL OF MATERIALS (BOM) AND PARTS LIST *
 LOOSE COMPONENTS OR COMPONENTS SUBJECT TO DAMAGE FROM EXPOSURE
 TO DUST OR WATER TO BE PACKED WITHIN HERMETICALLY SEALED PLASTIC BAGS *
 DUPLICATE COPY OF INSTALLATION INSTRUCTION AND BOM
 TO BE INCLUDED WITH DELIVERY NOTE *
 ESKOM DRAWING No. D-DT-2872 *

7	SHORT DESCRIPTIONS CORRECTED		N.M.	M. SHUTER	M. SHUTER	10.02.2009	
6	VARIOUS CHANGES MADE TO TERMINATION KITS		P.A.T	R.KELLY	R.KELLY	08.10.2008	
5	WESTERN REGION ITEMS ADDED		P.A.T.	R.KELLY	R.KELLY	03.09.2008	
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	R. KELLY	DATE:	18.06.2007	 D-DT-2872		SAP No:	
CHKD:	R. KELLY	DATE:	18.06.2007			0236424	
DRAWN:	P.A. VERMAAK	DATE:	23.05.2007			SET	SHEET
						30	30
							7