

 SA Port Operations	REFERENCE SAPO-EEAM-Q-015	REVISION 0
DOCUMENT TYPE : DATA SHEET		
TITLE: ELECTRICAL MOTORS AND GENERATORS - TECHNICAL DATA SHEET - ANNEXURE 1		PAGE 0 of 3
COMPILED BY: EQUIPMENT ENGINEERING AND ASSET MANAGEMENT (GENERAL MANAGER)	REVIEWED BY: SENIOR MANAGER (PROJECT MANAGER)	REVIEWED BY: SENIOR MANAGER (ASSET MANAGER)
ACCEPTED BY: CHIEF FINANCIAL OFFICER	AUTHORIZED BY: CEO	
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-1-		
CONTENTS		
1.0 NAME AND ADDRESS OF TENDERS 2.0 ELECTRICAL MOTORS 3.0 STATERS	Page 02 02 03	
KEYWORDS DATA SHEET		DATE OF LAST REVIEW: N/A DATE OF NEXT REVIEW: 01/06/2004

**PORTNET
A DIVISION OF TRANSNET LIMITED**

TECHNICAL DATA SHEET

[Information to be completed by the Tenderer and submitted as part of his tender]

NOTE: TENDERERS SHALL LIST EVERY ITEM OF EQUIPMENT SPECIFIED IN THE SPACE PROVIDED BELOW. SHOULD THE SPACE BE INSUFFICIENT, ADDITIONAL COPIES OF THESE PAGES SHOULD BE MADE.

1	NAME AND ADDRESS OF TENDERER
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2	ELECTRICAL MOTORS
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2.1	Item of plant driven:	
2.2	Name of manufacture of motor:	
2.3	Manufacturer's type number:	
2.4	Type of motor[e.g. squirrel cage/slip ring]:	
2.5	Continuous at sea level [kW]:	
2.6	Speed (r.p.m.):	
2.7	Voltage rating:	
2.8	Motor characteristics:	

		FL	¾ Load	½ Load	No load
2.8.1	Speed (r.p.m.)				
2.8.2	Current [A]				
2.8.3	Torque [Nm]				
2.8.4	Power factor				
2.8.5	Efficiency [%]				

2.9	Direct on line starting current [A]:	
2.10	Starting current with starter offered [A]:	
2.11	Pull-out torque [Nm]:	
2.12	Speed at pull-out torque (r.p.m.)	
2.13	Current at pull-out torque [A]:	
2.14	Type of bearing [e.g. ball/roller]:	
2.15	Type of enclosure [see IEC 144][IPXX]:	
2.16	Method of cooling [ICXX]:	
2.17	Thermal limit capacity [locked rotor time][s]:	

2.18	Mounting [foot or otherwise]:	
2.19	Shaft diameter:	
2.20	Shaft length:	

3	STARTERS
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3.1	Name of manufacturer:	
3.2	Manufacturer's type number:	
3.3	Type of starter:	
3.4	Motor protection units:	
3.4.1	Name of manufacturer:	
3.4.2	Manufacturer's type number:	
3.4.3	Type of element [e.g. thermal]	
3.4.4	Range of settings [% of full load current]:	
3.4.5	Range of trip settings [s]	
3.4.6	Earth fault protection provided/not provided:	
3.4.7	Single phasing protection provided/not provided:	
3.4.8	Phase reversal protection provided/not provided:	
3.4.9	Thermistor input provided/not provided:	
3.4.10	Short circuit trip inhibit provided/not provided:	
3.4.11	Motor start inhibit provided/not provided:	
3.4.12	Reset [auto/man]:	
3.4.13	Test trip button provided/not provided]:	
3.4.14	Star-delta transfer provided/not provided]:	

TENDERER'S SIGNATURE:	DATE:
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END OF ANNUEXURE 1 [VERSION 5] TO HE8/2/3 [VERSION 5]

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