



EQUIPMENT LIST			
ITEM	QTY	DESCRIPTION	KW
104	3	ROUGHER ROLLS	16.5
105	1	CONDUCTOR CLEANER ROLLS	5.5
106	2	NON-CONDUCTOR CLEANER ROLLS	11.0
107	1	CONDUCTOR RECLEANER ROLLS	5.5
108	2	NON-CONDUCTOR RECLEANER PLATE	2.2
109	2	CONDUCTORS MAGNET	11.0
110	1	RECLEANER CONDUCTORS MAGNET	5.5
111	2	NON-CONDUCTORS SCAVENGER PLATE	2.2
112	2	NON-MAGNETICS SCAVENGER MAGNET	11.0
113	2	NON-MAGNETICS CLEANER PLATE	2.2
114	2	NON-CONDUCTORS SCAVENGER MAGNET	2.2
115	2	NON-MAGNETICS RECLEANER PLATE	2.2
116	1	MAGNETICS CLEANER PLATE	1.1
117	1	TOURMALINE SCREEN	0.75
118	1	NON-CONDUCTORS CLASSIFYING FEED SUMP	
119	1	NON-CONDUCTORS CLASSIFYING FEED PUMP	5.5
120	1	CLASSIFYING CYCLONE	
121	1	ZIRCON DEWATERING FILTER	0.5
122			
123	1	ZIRCON DRYER	
124	1	ZIRCON DRYER CYCLONE EXTRACTOR	
125	1	ZIRCON DRYER EXHAUST FAN	11.0
126	1	ZIRCON DRYER MAIN FAN	15.0
127	1	ZIRCON FILTER FILTRATE RECEIVER	
128	1	ZIRCON FILTER VACUUM FAN	15.0
129			
130			
131	2	ZIRCON CLEANER ROLLS	11.0
132	3	ZIRCON ROUGHER MAGNET	16.5
133	2	ZIRCON CLEANER MAGNET	11.0
134	4	OLIVER AIR TABLES	30.0
135	1	ZIRCON CLEANER PLATE	1.1
136	1	RUTILE WET TABLE FEED HOPPER	
137	1	RUTILE WET TABLE FEED PUMP	1.1
138	2	CASSITERITE REMOVAL TABLES	6.0
139	2	PYRITE REMOVAL FLOATATION CELLS	5.5
140			
141	1	RUTILE DEWATERING FILTER	0.5
142			
143	1	RUTILE DRYER	
144	1	RUTILE DRYER CYCLONE EXTRACTOR	
145	1	RUTILE DRYER EXHAUST FAN	5.5
146	1	RUTILE DRYER MAIN FAN	11.0
147	1	RUTILE FILTER FILTRATE RECEIVER	
148	1	RUTILE FILTER VACUUM FAN	15.0
149	1	RUTILE DAY BIN	
150	1	LEUCOXENE DAY BIN	
151	1	PREMIUM ZIRCON DAY BIN	
152	1	'B' GRADE ZIRCON DAY BIN	
			240.05

LEGEND
 S = SOLIDS FLOW - tonnes/hr
 W = WATER FLOW - m³/hr
 V = VOLUMETRIC FLOW - m³/hr
 % = PULP DENSITY - % SOLIDS
 Mw = MAINS WATER FLOW - m³/hr

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 NATIONAL MINERAL SANDS PTY. LTD.
 NARACOOPA MINERAL SANDS PLANT (KING ISLAND)
 PROPOSED DRY SEPARATION PLANT - FLOWSHEET

No.	DESCRIPTION	BY	DATE
1	GENERAL REVISION	RT	27/7

APP.	DATE	SCALE
PC	19.7.89	

OFFICE OF ORIGIN: SYDNEY

0454-002

DRG No.	TITLE
	REFERENCE DRAWINGS

REV.	DESCRIPTION	DATE
1		