

PARKER'S ELECTRICAL NQ

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LIC No 77932



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Gromac Quarry NQ

Townsville Pinnacle Quarry

Gumlow Rd

Pinnacles QLD 4815

Subcircuits

Barmac (MP909)

Circuit	Insulation Resistance Red >1MΩ	Insulation Resistance White >1MΩ	Insulation Resistance Blue >1MΩ	Insulation Resistance Black >1MΩ	Earth Resistance	Fault Loop Impedience
POWER 1	2M	2M	2M	N/A	0.01	Pass
POWER 2	2M	2M	2M	N/A	0.01	Pass
POWER 3	2M	2M	2M	N/A	0.01	Pass
POWER 4	2M	2M	2M	N/A	0.01	Pass

Agg Plant

Circuit	Insulation Resistance Red >1MΩ	Insulation Resistance White >1MΩ	Insulation Resistance Blue >1MΩ	Insulation Resistance Black >1MΩ	Earth Resistance	Fault Loop Impedience
Generator GN818	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
CB1 (MP909)	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
CB2 (MP909)	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
CB3 (MP909)	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
CB4 (MP909)	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
CB5 (MP909)	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
CB6 (MP909)	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
CB7 (MP909)	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
CB8 (MP909)		>200MΩ		>200MΩ	0.01	Pass
CB9 (MP909)	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
CB10 (MP909)	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass

Wash Plant (PNPC01)

Circuit	Insulation Resistance Red >1MΩ	Insulation Resistance White >1MΩ	Insulation Resistance Blue >1MΩ	Insulation Resistance Black >1MΩ	Earth Resistance	Fault Loop Impedience
Feed	54MΩ	>200MΩ	>100MΩ	>200MΩ	0.01	Pass
Conveyor 1	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
Screen	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
Conveyor 2	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
Conveyor 3	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
Conveyor 4	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass

Wat P	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
Pre Coat	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
Power Point			>200MΩ	>200MΩ	0.01	Pass

MCC 1 (PNMCC02)

Circuit	Insulation Resistance Red >1MΩ	Insulation Resistance White >1MΩ	Insulation Resistance Blue >1MΩ	Insulation Resistance Black >1MΩ	Earth Resistance	Fault Loop Impedience
Mains (Ergon)						
Lights						
15A GPO						
15A GPO						
32A 3Ph Outlet	MCC out of service for upgrade					
32A 3Ph Outlet						
Cooling Fan						
50A 3Ph Outlet						
Overhead Crain						
GPO						
Rock Breaker						
Convayr 1						
Main Fedder						
Jaw Crusher						

MCC out of service for upgrade

Pug Mill (PNPUG01)

Circuit	Insulation Resistance Red >1MΩ	Insulation Resistance White >1MΩ	Insulation Resistance Blue >1MΩ	Insulation Resistance Black >1MΩ	Earth Resistance	Fault Loop Impedience
(1,3,5) Belt Feeder	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
(2,4,6) Belt Feeder	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
(7,9,11) Transfer	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
(8,10,12) Pugmill	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
(13,15,17) Radial Hyd	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
(14,16,18) Water Pump)	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
(19,21,23) Cement Screw	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
(20,22,24) Cement Rotary	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
(25,27,29) Pugmill	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
(26,28,30) Radial Stacker	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
(31,33,35) Air Compressor	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
(32,34,36) Cob Hopper	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
(37,39,41) Bin Vibrators	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
(38) MCC Control	>200MΩ			>200MΩ	0.01	Pass
(40) 24v DC		>200MΩ		>200MΩ	0.01	Pass
(42) Switchroom DB1			>200MΩ	>200MΩ	0.01	Pass
(43) 5 Pin Outlett	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
(44) Control DB2		>200MΩ		>200MΩ	0.01	Pass
(46) 15A GPO			>200MΩ	>200MΩ	0.01	Pass
(48) Plant Lights	>200MΩ			>200MΩ	0.01	Pass

(50) Silo Fill		>200MΩ		>200MΩ	0.01	Pass
(52) Fan Supply			>200MΩ	>200MΩ	0.01	Pass
(SB1) Air Conditioner			>200MΩ	>200MΩ	0.01	Pass
(SB1) Power			>200MΩ	>200MΩ	0.01	Pass
(SB1) Lights			>200MΩ	>200MΩ	0.01	Pass
(SB1) Smoke Alarm			>200MΩ	>200MΩ	0.01	Pass
(SB2) Air Conditioner		>200MΩ		>200MΩ	0.01	Pass
(SB2) Power		>200MΩ		>200MΩ	0.01	Pass
(SB2) Lights		>200MΩ		>200MΩ	0.01	Pass
(SB2) Smokie Alarms		>200MΩ		>200MΩ	0.01	Pass

Work Shop

Circuit	Insulation Resistance Red >1MΩ	Insulation Resistance White >1MΩ	Insulation Resistance Blue >1MΩ	Insulation Resistance Black >1MΩ	Earth Resistance	Fault Loop Impedience
15A GPO	>200MΩ			>200MΩ	0.01	Pass
15A GPO		>200MΩ		>200MΩ	0.01	Pass
15A Gpo			>200MΩ	>200MΩ	0.01	Pass
Power	>200MΩ			>200MΩ	0.01	Pass
Lights		>200MΩ		>200MΩ	0.01	Pass
Pump			>200MΩ	>200MΩ	0.01	Pass
32A Outlet	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
32A Outlet	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
Fuel	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
15A Outlet	>200MΩ			>200MΩ	0.01	Pass
Office			>200MΩ	>200MΩ	0.01	Pass
Wash Plant	>200MΩ	>200MΩ	>200MΩ	>200MΩ	0.01	Pass
Smoko Room			>200MΩ	>200MΩ	0.01	Pass

Smoko Room

Circuit	Insulation Resistance Red >1MΩ	Insulation Resistance White >1MΩ	Insulation Resistance Blue >1MΩ	Insulation Resistance Black >1MΩ	Earth Resistance	Fault Loop Impedience
Power			>200MΩ	>200MΩ	0.01	Pass
Lights			>200MΩ	>200MΩ	0.01	Pass
Hot Water			>200MΩ	>200MΩ	0.01	Pass

Office

Circuit	Insulation Resistance Red >1MΩ	Insulation Resistance White >1MΩ	Insulation Resistance Blue >1MΩ	Insulation Resistance Black >1MΩ	Earth Resistance	Fault Loop Impedience
(1) AC	>200MΩ			>200MΩ	0.01	Pass
(2) AC	>200MΩ			>200MΩ	0.01	Pass
(3) Power	>200MΩ			>200MΩ	0.01	Pass
(4) AC	>200MΩ			>200MΩ	0.01	Pass
(5) Power	>200MΩ			>200MΩ	0.01	Pass
(6) Power	>200MΩ			>200MΩ	0.01	Pass
(7) AC	>200MΩ			>200MΩ	0.01	Pass

(8) AC	>200MΩ			>200MΩ	0.01	Pass
(9) AC	>200MΩ			>200MΩ	0.01	Pass
(10) Power	>200MΩ			>200MΩ	0.01	Pass
(11) Lights	>200MΩ			>200MΩ	0.01	Pass

I certify that all test has been carried out in accordance with the testing procedure in AS/NZS 3760, the tests in this report are due to be retested on 12 June 2020.

Gary Parker

