

Vessel: Vatka
 Client: Canadian Coast Guard
 Job Number: 31815
 Date: 9/20/2017
 Test Technician: Cory Nightingale
 Test Equipment: Megger MIT430
 Calibration Cert #: 44118



Megger Test Certificate

Panelboard Number or Name: Main Switchboard
 Location: Tank Space
 Voltage Rating: 120/240
 Reason for testing:
 Description of test performed: Megger @ 500V
 Test Criteria: Transport Canada TP127E

Test Data

Circuit #:	Circuit Identification:	Phase A or L1	Phase B or L2	Phase C
	Spare			
1	Cabin HVAC	48.3 MΩ	49.2 MΩ	
3	Port Engine Block Heater	13.2 MΩ	13.4 MΩ	
4	STBD Engine Block Heater	9.4 MΩ	12 GΩ	
5	Fresh Water Pump	2 GΩ	2.08 GΩ	
6	Engine Room S/G Receptacles	10 GΩ	19 GΩ	
7	Hot Water Heater	19.5 GΩ	17 GΩ	
8	Void Receptacles	7.2 GΩ	9.1 GΩ	
10	Gyro	9.7 GΩ	14 GΩ	
11	Spare			
12	F.O. Stripping Pump	10.5 GΩ	35 GΩ	
13	Battery Charger	6.1 GΩ	9.9 GΩ	
14	Panel AC-2	12 GΩ	15 GΩ	17.5 GΩ
16	V.V. Filter	3.53 GΩ	3.53 GΩ	
17	Spare			
2	Pilot House HVAC	4.1 GΩ	4.3 GΩ	
9	Engine Room Receptacles	7.1 GΩ	7.1 GΩ	
Shore		9.6 GΩ	9.6 GΩ	10.5 GΩ
Gen		5.2 GΩ	4.7 GΩ	5.6 GΩ

Comments

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Megger Test Certificate

Panelboard Number or Name: AC-2
 Location: Tank Space
 Voltage Rating: 120/240
 Reason for testing:
 Description of test performed: Megger @ 500V
 Test Criteria: Transport Canada TP127E

Test Data

Circuit #:	Circuit Identification:	Phase A or L1	Phase B or L2	Phase C
	Fire Alarm	0.39 MΩ	0.39 MΩ	
2	Galley/Receptacles	19 GΩ	23 GΩ	
3	Galley Receptacles	23 GΩ	28 GΩ	
4	Stove Top	52.2 MΩ	30 GΩ	
5	Microwave Receptacle	7.5 GΩ	8.7 GΩ	
7	Pilot House Port Receptacle	9.2 GΩ	6.8 GΩ	
6	Pilot House STBD Receptacle	9.1 GΩ	13 GΩ	
8	Galley Receptacles	26 GΩ	29 GΩ	
9	Galley Receptacles	35 GΩ	40 GΩ	
1	Cabin Heater	114 MΩ	1.5 GΩ	
12	Cabin/Head Lights	3.58 GΩ	4.2 GΩ	
13	Cabin/Head Receptacles	4.9 GΩ	5.4 GΩ	
14	Fridge Receptacle	8 GΩ	10.5 GΩ	
15	Range Hood	45 GΩ	12 GΩ	
16	Charging Receptacle	769 MΩ	768 MΩ	
17	FWD Deck Receptacle	45 GΩ	50 GΩ	
18	Aft Deck Receptacle	9.7 GΩ	12.5 GΩ	
	Port Searchlight	40.3 MΩ	39 MΩ	
11	Pilot House Heat	103 MΩ	1.23 GΩ	

Comments