Insulation resistance (megger) test report

Yellow cells are for you to fill in. Free template from Deskely · deskely.com/resources/megger-test-report

Project	Report number	Date

System / subsystem	Cable or equipment type	Rated voltage

Test instrument and serial number	Calibration due	Ambient temperature and humidity

Readings in MΩ, after 1 minute at the test voltage. Enter the minimum acceptable value for each line from your specification; the result fills in by itself. Discharge the cable after each test.

No.	Cable or circuit tag	From	To	Size / cores	Test voltage (V)	L1-L2	L2-L3	L3-L1	L1-E	L2-E	L3-E	N-E	Minimum (MΩ)	Result	Remarks
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															

Sign-off	Name	Company	Signature	Date
Tested by				
Witnessed by				

Polarisation index (PI) test

For motors, generators and transformers. PI = IR at 10 minutes / IR at 1 minute. IEEE 43 recommends a minimum PI of 2.0 for class B, F and H insulation.

Project	Report number	Date

Test instrument and serial number	Calibration due	Winding temperature

No.	Equipment tag	Test voltage (V)	IR at 1 min (MΩ)	IR at 10 min (MΩ)	PI	Minimum PI	Result	Remarks
1						2		
2						2		
3						2		
4						2		
5						2		
6						2		
7						2		
8						2		
9						2		
10						2		

Sign-off	Name	Company	Signature	Date
Tested by				
Witnessed by				