



Type Approval Testing Fees
Product: **Storage Water Heater**

Reference Standard: IEC 60335-2-21:2002-07, IEC 60335-1:2001 + A1:2004

Dubai Central Laboratory

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Clause No.	Test Requirement	Man hour *	Test Charge/AED
7	Inspection of marking and instruction	0.25	43.50
8	Inspection of protection against access to live parts	0.20	34.80
10	Power input and current	0.25	43.50
11	Heating	3.00	522.00
13.1	Leakage current at operating temperature	0.25	43.00
13.2	Electric strength test at operating temperature	0.25	43.20
15-16	Moisture resistance		
15.3	Humidity treatment	0.20	35.00
16.2	Leakage current test	0.24	42.00
16.3	Electric strength test	0.26	45.00
19	Abnormal operation		
19.2	Decreased input test with control short-circuited and appliance empty	0.29	50.00
19.3	Increased input test with control short-circuited and appliance empty	0.29	50.00
20	Stability and mechanical hazards	0.20	35.00
21	Mechanical strength		
21	Impact test	0.26	45.00
22	Construction		
22	Inspection of construction	0.26	45.00
22.102	Water pressure test	0.29	50.00
22.103	Operation of pressure relief device	0.26	45.00
22.112	Repeated drawing off of water	1.00	174.00
23	Internal wiring		
23	Inspection of construction	0.26	45.00
23.4	Electric strength of internal wire	0.25	43.00
25	Supply connection and external conductors		
25	Inspection of construction	0.23	40.00
25.8	Measurement of conductor size	0.29	50.00
25.15	Push-pull test	0.29	50.00
26	Terminals for external conductor	0.29	50.00
27	Provision for earthing		
27	Inspection of construction	0.29	50.00
27.5	Earth continuity test	0.26	45.00
28	Screws and connection		
28	Inspection of construction	0.29	50.00
28.1	Torque test	0.26	45.00
29	Clearances, creepage distances	0.52	90.00
30	Resistance to heat and fire		
30.1	Ball-pressure test	0.52	90.00
30.2	Glow-wire test	0.50	87.00
Total Testing Fees		11.96	2081.00
Reporting Fee for Full Test		1.48	257.00
Reporting Fee for Verification/Re-Test		1.01	175.00
Application Fee		0.29	50.00
Total Test Application Charge		13.72	2388.00
Other Charges			
Total Test fees for Product Families, Family Ranges or Series of Products		4.09	537.00
Additional test charges below only when required:			
Abnormal test of appliances with electronic circuit (Cl.19.11)		1.01	175.00
Tracking Test (as per requirement of clause 29.2)		0.52	90.00
Copy of Original			
Full Test Report (Hard Copy)		0.52	90.00
Verification Test Report (Hard Copy)		0.26	45.00
Soft Copy of Test Report **		0.29	50.00

Note:

Total Fee will vary based on the assessment, during the submission of sample.

These test fees will be added when there are request for Product Families, Family Ranges or Series of Products.

* Man-Hour is the effective time but not the actual testing period. The actual testing period is 8 working days from the starting date of test for each model of product for additional model 3 working days more will be added.

** The fee is for one test report, additional report will be additional fee of Dhs.10.00

Prepared by HOU:

