

COCHIN SHIPYARD CENTRAL LABORATORY

SCHEDULE OF RATES FOR TESTING (With effect from 01.04.2024 - 31.03.2025)

Sl. No.	Description of Test	Unit	Rate, Rs
A	<u>CHEMICAL TEST</u>		
1	COATING TEST		
	(i) Coating Thickness	EA	285
	(ii) Mass of Zinc coating	EA	985
	(iii) Uniformity of Zinc coating	EA	985
2	FERROUS MATERIALS		
	(i) C,Mn,Si,S,P per element	EA	605
	(ii) (C,Mn,Si,S,P) per 5 basic elements	Set	2705
	(iii) Spectro with 11 elements	Set	4295
	(iv) Cr,Ni,Mo,W,Ti,V per element	EA	880
	(v) Others per element	EA	880
	(vi) Preparation of drillings/Spectral piece	EA	350
3	FUEL TEST		
	(i) Fuel - Water, Total Sulphur,Acidity	EA	365
	(ii) Fuel - Calorific Value	EA	725
	(iii) Fuel - Viscosity, Flash Point, Sp. Gravity, Cloud/Pour point per test	EA	605
4	Moisture content/water absorption	EA	380
5	NON FERROUS (Al/Cu/Ni/Ag Base) MATERIALS		
	(i) Any 4 elements	Set	3665
	(ii) Spectro with 8 elements	Set	5160
	(iii) Cu,Sn,Pb,Fe,Al,Ni,Mn,Si,Zn,Ag per element	EA	985
	(iv) Others per element	EA	985
	(v) Preparation of drillings/Spectral piece	EA	350
6	PAINT TEST		
	(i) Paint - Bend test	EA	985
	(ii) Paint - Solid Volume Ratio	EA	1815
	(iii) Paint - Viscosity,Sp.Gravity	EA	605
	(iv) Paint-Dry Film thickness per test	EA	280
	(v) Paint-Humidity,Salt spray per day, Sea water immersion per test	EA	605
	(vi) Paint-Pigment by weight/Vol	EA	1295
	(vii) Paint-Volatiles by Wt.	EA	725
7	PURITY TEST		
	(i) Purity test:Al, Cu	EA	1720
	(ii) Preparation of drillings/Spectral piece	EA	350
8	WATER TEST		
	(i) Chloride content, Specific gravity,pH test	EA	380

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B			
<u>MECHANICAL TEST</u>			
1	BEND TEST		
	(i) Bend test up to 10mm size	EA	485
	(ii) Bend test up to 10.1 to 20mm size	EA	500
	(iii) Bend test up to 20.1 to 40mm size	EA	540
2	COMPRESSION TEST		
	(i) Compression-Metallic	EA	520
	(ii) Compression-Non Metallic	EA	260
3	Flaring test	EA	520
4	FLATTENING TEST		
	(i) Flattening test up to 4" dia pipe	EA	520
	(ii) Flattening test above 4" dia pipe	EA	550
5	Fracture-Metallic	EA	520
6	HARDNESS TEST		
	(i) Hardness-Barcol	EA	395
	(ii) Hardness-Brinell	EA	405
	(iii) Hardness-Rockwell	EA	390
	(iv) Hardness-Vickers	EA	405
	(v) Preparation of Hardness specimen	EA	310
7	IMPACT TEST		
	(i) Impact at room (at 20°C) temperature (set of 5 samples)	Set	2990
	(ii) Impact at low (up to -50°C) temperature (set of 5 samples)	Set	4855
	(iii) Marking for impact test specimen	EA	590
	(iv) Surface grinding for Impact specimen	EA	310
	(v) Charpy U Notch cutting per sample	EA	550
	(vi) Charpy V Notch cutting per sample	EA	350
8	LOAD TEST		
	(i) Load Test of Hardware fittings	EA	710
	(ii) Load Test of wires, Disc insulator	EA	675
9	MACRO TEST		
	(i) Macro Examination	EA	695
	(ii) Preparation of Macro specimen	EA	310
	(iii) Macro Photography - one copy	EA	495
	(iv) Macro Photography - per extra copy	EA	205
10	Mass per meter	EA	350
11	MICROSCOPIC TEST		
	(i) Microscopic Examination	EA	1705
	(ii) Preparation of Micro specimen	EA	625
	(iii) Photomicrograph, per copy	EA	495

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Sl. No.	Description of Test	Unit	Rate, Rs
12	Nick break test	EA	470
13	REBEND TEST		
	(i) Rebend test up to 10mm size	EA	625
	(ii) Rebend test up to 10.1 to 20mm size	EA	665
	(iii) Rebend test up to 20.1 to 40mm size	EA	705
14	Sieve analysis	EA	350
15	TENSILE TEST		
	(i) Tensile test ≤ 16 mm or eq.	EA	640
	(ii) Tensile test ≤ 16 mm or eq. with 0.2% proof/extensometer	EA	1020
	(iii) Tensile test > 16 mm dia or eq.	EA	820
	(iv) Tensile test > 16 mm or eq. with 0.2% proof/extensometer	EA	1175
	(v) Tensile test with SS graph	EA	1025
C	<u>NON DESTRUCTIVE TEST</u>		
1	DYE PENETRANT TEST		
	(i) DP per 0.5 sq.m	EA	3495
	(ii) DP-Weld joint per meter	EA	3495
2	MAGNETIC PARTICLE TEST		
	(i) MPI per 1000 sq.cm	EA	1260
	(ii) MPI-Weld joint per 50cm	EA	945
3	RADIOGRAPHY TEST		
	(i) Radiography ≤ 9 mm thick	EA	1100
	(ii) Radiography 9.1-11mm thick	EA	1185
	(ii) Radiography 11.1-16mm thick	EA	1285
	(iv) Radiography 16.1-40mm thick	EA	1480
4	ULTRASONIC TEST		
	(i) UT per 1000 sq.cm	EA	1680
	(ii) UT-Weld joint per 50cm	EA	2625
	(iii) Thickness measurement	EA	285
5	Visual inspection per 60 sq.cm	EA	200
D	<u>ASSOCIATED SERVICES</u>		
1	CUTTING CHARGE		
	(i) Cutting charge up to 20mm size	EA	205
	(ii) Cutting charge above 20 to 40mm size	EA	240
2	Drawing per test specimen	EA	205

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Sl. No.	Description of Test	Unit	Rate, Rs
3	Fast track service (1 working day limited to 5 samples)	EA	2.5 times its original
4	REPORTS		
	(i) Additional copy of report	EA	165
	(ii) Amendment (attributed to the customer) to the report	EA	165
	(ii) Report by courier/speed post within Kerala limited to 250gm	EA	125
	(iv) Report by courier/speed post outside Kerala limited to 250gm	EA	250
	(v) Report by email	EA	110
5	Service charge for work at customer's site	Day	1925
6	Witness facility per head	Visit	250

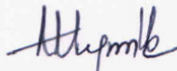
(NA - Not Applicable)

Note

- 1 GST(at the prevailing rate) shall be charged extra.
Our GST Number is 32AAACC6905B1ZD and SAC code applicable is 998346.
- 2 Test charges are to be paid in advance through debit/credit card or through NEFT to the following account.
Bank : IDBI Bank, Kochi Corporate Banking Branch
IFSC :IBKL0000385
Account No : 084103000002318 of Cochin Shipyards Ltd
- 3 Testing in presence of Surveyors, other inspection agencies or Customers who desire to witness can be arranged only on prior appointments with additional charge.
- 4 Few of the tests can be arranged at customers site for which additional service charges will be levied.

Contact Details

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Asst. General Manager(Lab)



Deputy General Manager (IQC)