



MSME – TECHNOLOGY DEVELOPMENT CENTRE
कॉच उद्योग विकास केन्द्र
CENTRE FOR THE DEVELOPMENT OF GLASS INDUSTRY

एक वैज्ञानिक व औद्योगिक अनुसंधान संस्थान
A Scientific & Industrial Research Organisation
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय, भारत सरकार
Ministry of Micro, Small & Medium Enterprises, Government of India



ISO 14001:2004

TESTING FEES OF CHEMICAL LABORATORY TEST
(Effective from: 1 January 2021)

S.No.	Nature of Test	Test Fees	CGST@ 9%	SGST@ 9%	Total Fees
		A	B	C	A+B+C
1.	(a) Analysis of Glass, Refractory, Clay limited to determination of : SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, Na ₂ O, K ₂ O, MgO & LOI	Rs.2534/- plus Rs.953/- each for other oxides	Rs. 228/- Rs. 86/-	Rs. 228/- Rs.86/-	Rs.2990/- Rs.1125/-
	(b) Analysis of Vitrite Glass	Rs.3851/-	Rs. 347/-	Rs. 347/-	Rs. 4545/-
	(c) Analysis of Opal Glass determination of 7 oxide SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, Na ₂ O, K ₂ O, MgO & LOI	Rs.3814/- plus Rs.953/- each for other oxides	Rs. 343/- Rs. 86/-	Rs. 343/- Rs. 86/-	Rs. 4500/- Rs.1125/-
2.	(a) Single major constituent in Glass (Rates per element)	Rs. 953/-	Rs. 86/-	Rs.86/-	Rs. 1125/-
	(b) Single major constituent: Al ₂ O ₃ , Zr ₂ O, Cr ₂ O ₃ , P ₂ O ₅	Rs. 1267/-	Rs. 114/-	Rs. 114/-	Rs. 1495/-
3.	Analysis of Raw materials: Sand, Quartz, Felspar, Dolomite, Calcite, Lime Stone & Others	Rs. 1458/-	Rs. 131/-	Rs. 131/-	Rs. 1720/-
4.	<u>Purity of:</u> Soda ash, Potash, Cadmium sulphide, Sodium Nitrate, Barium Carbonate, Borax, Potassium Nitrate, Cobalt, Selenium, Arsenic, Sodium sulphide, Sulphuric acid, Nitric acid	Rs. 827/-	Rs. 74/-	Rs. 74/-	Rs. 975/-
5.	(a) Alkalinity Titre Value Test of Glass As per IS: 2303	Rs. 827/-	Rs. 74/-	Rs. 74/-	Rs. 975/-
	(b) Grading of Glass for Alkalinity As per IS: 2303	Rs.1017/-	Rs. 92/-	Rs. 92/-	Rs. 1200/-
6.	Chemical durability of Glass	Rs. 1267/-	Rs. 114/-	Rs. 114/-	Rs. 1495/-
7.	(a) Determination of trace element by AAS & Spectrophotometer	Rs. 953/-	Rs. 86/-	Rs. 86/-	Rs. 1125/-
	(b) Determination of subsequent element by AAS and Spectrophotometer	Rs. 953/-	Rs. 86/-	Rs. 86/-	Rs. 1125/-

S.No.	Nature of Test	Test Fees	CGST@ 9%	SGST@ 9%	Total Fees
		A	B	C	A+B+C
8.	Determination of Moisture content	Rs. 380/-	Rs.35/-	Rs.35/-	Rs. 450/-
9.	Crazing Resistance of using autoclave	Rs.762/-	Rs.69/-	Rs.69/-	Rs. 900/-
10.	Apparent Porosity	Rs. 516/-	Rs. 47/-	Rs. 47/-	Rs. 610/-
11.	Water Absorption Test	Rs. 516/-	Rs. 47/-	Rs. 47/-	Rs. 610/-
12.	Transmission Test	Rs.1525/-	Rs.137/-	Rs.137/-	Rs. 1800/-
13.	Analysis and Characterization of Liquid Gold	Rs. 3796/-	Rs. 342/-	Rs. 342/-	Rs. 4480/-
14.	(a) Batch formulation & melting upto 1450°C for batch less than 500 gm.	Rs. 3034/-	Rs. 273/-	Rs. 273/-	Rs. 3580/-
	(b) Glass batch melting upto 1450°C for batch less than 500 gm.	Rs. 2034/-	Rs. 183/-	Rs. 183/-	Rs. 2400/-
15.	Test of Sodium Bicarbonate as per IS:2155-1974 for total Alkalinity, pH, Chloride, Insoluble matters, Sulphates & Iron	Rs. 2542/-	Rs. 229/-	Rs. 229/-	Rs. 3000/-
16.	Test of Sulphuric Acid as per IS:266-1977 for total Alkalinity, ROI, Iron, Lead and Arsenic	Rs. 2542/-	Rs. 229/-	Rs. 229/-	Rs. 3000/-
17.	Analysis of unknown Glass & other alliked material upto 10 elements/oxides	Rs. 4411/-	Rs. 397/-	Rs. 397/-	Rs. 5205/-
		plus Rs.953/- each for other oxides	Rs. 86/-	Rs. 86/-	Rs. 1125/-
18.	Toxic Leachability: Test for Glassware for Arsenic (As), Cadmium (Cd) and Lead (Pb)	Rs. 3796/-	Rs. 342/-	Rs. 342/-	Rs. 4480/-
19.	Cullet Certification charges	Rs. 4400/-	Rs. 396/-	Rs. 396/-	Rs. 5192/-
20.	Determination of Pb/Cd/As/Cr extracted from glass/ceramic surface	Rs. 953/-	Rs. 86/-	Rs. 86/-	Rs. 1125/-



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TESTING FEES OF PHYSICAL LABORATORY TEST
(Effective from: 1st January 2021)

S.No.	Nature of Test	Test Fees	CGST@ 9%	SGST@ 9%	Total Fees
		A	B	C	A+B+C
1	General Examination of Glass article for strain and annealing	Rs. 272/-	Rs. 24/-	Rs. 24/-	Rs.320/-
2	Determination of annealing & strain point of Glass	Rs.1597/-	Rs.144/-	Rs.144/-	Rs.1885/-
3	Determination of softening point of Glass	Rs.3814/-	Rs.343/-	Rs.343/-	Rs.4500/-
4	Polariscopic examination of Glass bottle by ASTM	Rs.550/-	Rs.50/-	Rs.50/-	Rs.650/-
5	(a) Coefficient of Thermal expansion including sample preparation by Netzsch Dilatometer 402	Rs.3500/-	Rs.315/-	Rs.315/-	Rs.4130/-
6	Bulk density of Glass/ Refractory	Rs.390/-	Rs.35/-	Rs.35/-	Rs.460/-
7	Thermal endurance test using hot air oven	Rs.660/-	Rs.60/-	Rs.60/-	Rs.780/-
8	Specific Gravity of Glass	Rs.390/-	Rs.35/-	Rs.35/-	Rs.460/-
9	Sieve analysis of Powder	Rs.534/-	Rs.48/-	Rs.48/-	Rs.630/-
10	Refractive index/ Petrographic analysis	Rs.1597/-	Rs.144/-	Rs.144/-	Rs.1885/-
11	Determination of Devitrification temp. of Glass	Rs.1992/-	Rs.179/-	Rs.179/-	Rs.2350/-
12	Thermal shock test	Rs.660/-	Rs.60/-	Rs.60/-	Rs.780/-





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**TESTING FEES OF COMBUSTION ENGINEERING &
POLLUTION CONTROL DIVISION**
(Effective from: 1st January 2021)

S.No.	Nature of Test	Test Fees	CGST@ 9%	SGST@ 9%	Total Fees
		A	B	C	A+B+C
1	Furnace temperature measurement	Rs. 594/-	Rs. 53/-	Rs. 53/-	Rs. 700/-
2	(a) Flue Gas Analysis by Flue Gas Analyser in Furnace	Rs.1992/-	Rs.179/-	Rs.179/-	Rs.2350/-
	(b) Additional charges for subsequent point	Rs.1322/-	Rs.119/-	Rs.119/-	Rs.1560/-
3	Stack Monitoring	Rs.5500/-	Rs. 495/-	Rs. 495/-	Rs.6490/-
4.	Regular Contract Service of Furnace Temperature, & Flue Gas Analysis, (2 days temperature measurement & 1 day flue gas analysis per week)	Rs.5296/-	Rs. 477/-	Rs. 477/-	Rs. 6250/-
5	Small Pots Regular Contract Service	Rs. 3081/-	Rs. 277/-	Rs. 277/-	Rs. 3635/-
6.	Oxygen Checking in fore hearth & Combustion adjustment per fore hearth	Rs. 1694/-	Rs. 153/-	Rs. 153/-	Rs. 2000/-



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