



Laboratory Test Report

Dated: 09.11.2022

- 1. Test done for** : Executive Engineer , GPCD(SM) (GAP – Wing)
W&S Sector , KMDA.
- 2. Reference No** : 20/EE/GPCD (SM)/GAP/W&S/KMDA/W-351 , dated on 20.05.2022
- 3. Name of the work** : Development of interception diversion (I&D) Network for Existing
Drains falling in River Churni including sewage treatment plant (STP)
at Ranaghat Municipal Town with 05 (Five) Years Operation &
Maintenance Period.
- 4. Name of Agency** : Teekay – Discon-Basak _ Consortium. (Consortium of M/s Teekay
Managements , M/s Discon and M/s Basak Engineers).
- 5. Type of test** : Chemical Test of TMT Bar (Fe-550D) of ELEGANT - Brand
as Per IS 1786-2008.


Chemical Test Results:-

Bar Dia (mm)	Carbon as C (%)		Sulphur as S(%)		Phosphorus as P(%)		Sulphur & Phosphorus (%)	
	Value Obtained	Permissible* (max)	Value Obtained	Permissible* (max)	Value Obtained	Permissible* (max)	Value Obtained	Permissible* (max)
08	0.22	0.25	0.026	0.040	0.028	0.040	0.054	0.075
10	0.18		0.013		0.036		0.049	
12	0.23		0.023		0.032		0.055	
16	0.21		0.018		0.024		0.042	
20	0.23		0.021		0.026		0.047	

*As per IS:1786-2008.

Note :- Tests were carried out on the sample sent by the Agency in sealed conditions.

Remarks: Samples were found to satisfy with the Chemical Test Requirement as per IS: 1786-2008.


Dr. Partha Ghosh
Professor
Mob : 9433112189

Dr. Partha Ghosh
B. E. (Civil), M.E. (Structural Engg.), Ph. D. (Engg.)
Professor
Construction Engg. Department
Jadavpur University, Kolkata - 700 106