

GOVERNMENT OF GOA
WATER RESOURCES DEPARTMENT
S.D.III., Works Div. XI, QUALITY CONTROL LABORATORY
Gogol - Margao - Goa.

No. WRD / WD XI / SDIII / TECH / WF.39-Oct -2024 /2024-25/ 222

Dated:05/12/24

Name of the Work: Improvement and relining to SIP main canal between Ch. 9.930 km to 10.00 km & other works in Quepem Taluka.

Sample Sent by :- Assistant Engineer, SD I, WD X , WRD, Quepem- Goa.

To be tested for :- RCC Canal Lining 1:3:6

Letter no:- No. WRD/ WD X/SD I/ F.55A/181/2024-25.

Dated:- 04-12-2024

Received on: 4/12/2024

Date of Testing: 4/12/2024

REPORT

Sample No.	Type of Sample	Tested for	Result	Permissible value	REMARKS
F. 39/01/2024	Coarse Sand	FM Silt & Clay Grading	2.832 2.60% Zone- III	2.3 to 3.1 Upto 5% I to III Zone
F. 39/02/2024	Aggregate-20 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	To get the 20mm graded aggregate nominal size blend
F. 39/03/2024	Aggregate- 10 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	20mm & 10 mm metal in 1:1 proportion.

Junior Engineer

Assistant Engineer

Copy submitted to

- 1) Assistant Engineer, SD I, WD X, WRD, Quepem- Goa.
- 2) The Executive Engineer, Works Division X, WRD, Pajimol- Sanguem- Goa.
- 3) Executive Engineer, WD XI, WRD, Rawanfond -Goa.
- 4) The Surveyor of Works, Quality Control, C.P.O., Water Resources Dept., Sinchai Bhavan, Alto Porvorim-Goa.
- 5) Office File.

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Sample Sent by :- Assistant Engineer, SD I, WD X , WRD, Quepem- Goa.

To be tested for :- RCC Canal Lining 1: 1.5:3

Letter no:- No. WRD/ WD X/SD I/ F.55/A/181/2024-25.

Dated:- 04-12-2024

Received on: 4/12/2024

Date of Testing: 4/12/2024

REPORT

Sample No.	Type of Sample	Tested for	Result	Permissible value	REMARKS
F. 39/01/2024	Coarse Sand	FM Silt & Clay Grading	2.825 2.50% Zone- III	2.3 to 3.1 Upto 5% I to III Zone
F.39/02/2024	Fine Sand	FM Silt & Clay Grading	2.091 1.30% Zone IV	< 2.3 Upto 5% Zone IV	
F. 39/03/2024	Aggregate-20 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	To get the 20mm graded aggregate nominal size blend 20mm & 10 mm metal in 1:1 proportion.
F. 39/04/2024	Aggregate- 10 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	

Junior Engineer

Assistant Engineer

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