

Tele : AF/4220

AGE B/R Kurseong
PO – Bagdogra Air Port
Dist – Darjeeling (WB)

219/K/Bag/ 13 /E2

21 Jan 2026

GE (AF) Bagdogra
(E-2 Section)

STRUCTURAL RETROFITTING WORKS AT KV AF STANTION
BAGDOGRA UNDER GE (AF) BAGDOGRA

The retrofitting work of KV Bldg is complete. Thereafter NDT was carried out in this Bldg through consultant M/s RB Testing. The test report is enclosed herewith. As per report the Min Compressive strength is 26N/mm. Hence, the Bldg is structurally safe.

(Md Hussain Ahmed)
AE (Civ)
AGE B/R Kurseong

Copy to:-

The Principal
KV Bagdogra

- for info and record please.

NEXT GEN R. B. TESTING

A HOUSE OF SOIL & MATERIAL TESTING
SURVEYING, PLANNING & DESIGNING
E-mail- rtesting117@yahoo.in



Cell: 98320-32995
90881-45885
62961-38858

Ref. Memo No.: N/A

Date: 16.01.2026

NAME OF THE CLIENT: GE (AF) BAGDOGRA

PROJECT/WORK DETAILS: NON-DESTRUCTIVE TESTING TO STRUCTURAL
RETROFITTING WORKS AT KV AF STATION BAGDOGRA UNDER (GE) (AF)
BAGDOGRA.

TEST DETAILS: REBOUND HAMMER AS PER IS 13311 (PART 2) : 1992 &

IS 516 (PART 5/SEC 4) : 2020

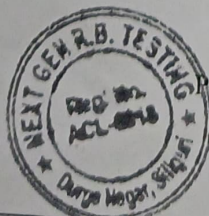
Date of Testing: 14.01.2026

Date of Casting: N/A

Sample Type: Column of KV School Building

Lab ID: RBT/MT/ID/2025-26/80

Segment Name	Plunger Position	Pt. 1	Pt. 2	Pt. 3	Pt. 4	Pt. 5	Pt. 6	Mean of Individual Points	Result Equivalent Concrete Strength from Graph (N/mm ²)	Mean Result Equivalent Concrete Strength from Graph (N/mm ²)
C1 (A)	Sideway	28	30	38	40	42	40	36	36	35
C1 (B)	Sideway	38	36	40	42	36	32	37	38	
C1 (C)	Sideway	32	34	36	31	37	35	34	32	
C3 (A)	Sideway	34	30	36	32	32	34	33	30	34
C3 (B)	Sideway	38	38	34	38	34	36	36	36	
C3 (C)	Sideway	42	36	32	30	38	40	36	36	
C5 (A)	Sideway	32	30	28	32	30	30	30	26	26
C5 (B)	Sideway	30	30	32	34	30	28	31	27	
C5 (C)	Sideway	32	30	32	28	32	30	30	26	
C7 (A)	Sideway	34	36	42	36	34	32	36	36	41
C7 (B)	Sideway	42	44	46	42	42	46	44	50	
C7 (C)	Sideway	42	32	34	34	38	34	36	36	
C9 (A)	Sideway	32	40	38	32	32	32	34	32	33
C9 (B)	Sideway	42	30	42	32	38	32	36	36	
C9 (C)	Sideway	34	32	34	32	36	30	33	30	
C10 (A)	Sideway	36	32	42	44	36	38	38	40	34
C10 (B)	Sideway	38	42	32	36	36	34	36	36	
C10 (C)	Sideway	30	28	30	32	28	32	30	26	



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Segment Name	Plunger Position	Pt. 1	Pt. 2	Pt. 3	Pt. 4	Pt. 5	Pt. 6	Mean of Individual Points	Result Equivalent Concrete Strength from Graph (N/mm ²)	Mean Result Equivalent Concrete Strength from Graph (N/mm ²)
C12 (A)	Sideway	30	32	30	30	32	34	31	27	35
C12 (B)	Sideway	34	34	36	34	34	38	35	34	
C12 (C)	Sideway	34	46	42	38	38	42	40	43	
C14 (A)	Sideway	44	34	36	34	38	34	36	36	38
C14 (B)	Sideway	38	32	32	36	34	34	36	36	
C14 (C)	Sideway	36	36	30	32	34	34	39	41	
C16 (A)	Sideway	34	36	32	34	32	46	36	36	39
C16 (B)	Sideway	36	38	34	34	40	34	44	50	
C16 (C)	Sideway	40	40	42	38	38	34	34	32	
C20 (A)	Sideway	43	40	42	38	38	38	40	43	38
C20 (B)	Sideway	38	38	36	32	40	34	36	36	
C20 (C)	Sideway	32	36	34	38	32	38	35	34	
C22 (A)	Sideway	38	40	34	34	36	38	37	38	37
C22 (B)	Sideway	38	36	34	40	40	42	38	40	
C22 (C)	Sideway	32	36	34	32	32	36	34	32	
C24 (A)	Sideway	44	38	41	32	38	42	39	41	38
C24 (B)	Sideway	34	36	38	42	38	38	38	40	
C24 (C)	Sideway	38	32	32	36	37	36	35	34	
C25 (A)	Sideway	44	42	49	48	56	44	47	56	49
C25 (B)	Sideway	42	47	48	42	44	42	44	50	
C25 (C)	Sideway	35	34	41	39	35	42	38	40	



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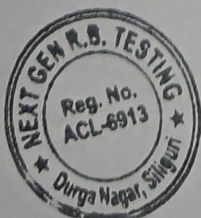
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IS 516 (PART 5/SEC 4) : 2020

Segment Name	Plunger Position	Pt. 1	Pt. 2	Pt. 3	Pt. 4	Pt. 5	Pt. 6	Mean of Individual Points	Result Equivalent Concrete Strength from Graph (N/mm ²)	Mean Result Equivalent Concrete Strength from Graph (N/mm ²)
C73 (A)	Sideway	26	30	36	36	26	36	32	29	30
C73 (B)	Sideway	26	36	28	24	38	36	31	27	
C73 (C)	Sideway	38	34	36	35	32	35	35	34	
C76 (A)	Sideway	44	36	36	32	32	44	37	38	37
C76 (B)	Sideway	36	36	36	38	30	42	36	36	
C76 (C)	Sideway	38	39	34	36	34	36	36	36	
C78 (A)	Sideway	28	30	28	32	32	33	31	27	31
C78 (B)	Sideway	28	36	32	36	36	36	34	32	
C78 (C)	Sideway	39	35	38	35	32	31	35	34	
C83 (A)	Sideway	38	34	40	40	38	40	38	40	35
C83 (B)	Sideway	38	34	30	30	34	36	34	32	
C83 (C)	Sideway	35	32	30	34	37	34	34	32	
C85 (A)	Sideway	40	40	38	36	36	40	38	40	38
C85 (B)	Sideway	36	36	45	40	38	38	39	41	
C85 (C)	Sideway	36	32	30	34	36	35	34	32	
C93 (A)	Sideway	48	43	42	46	47	41	45	52	50
C93 (B)	Sideway	42	47	48	47	49	43	46	54	
C93 (C)	Sideway	41	43	38	39	42	41	41	45	
C95 (A)	Sideway	38	40	44	44	45	48	43	48	40
C95 (B)	Sideway	38	30	38	37	35	39	36	36	
C95 (C)	Sideway	34	38	36	37	35	36	36	36	



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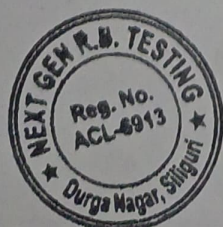
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Segment Name	Plunger Position	Pt. 1	Pt. 2	Pt. 3	Pt. 4	Pt. 5	Pt. 6	Mean of Individual Points	Result Equivalent Concrete Strength from Graph (N/mm ²)	Mean Result Equivalent Concrete Strength from Graph (N/mm ²)
C99 (A)	Sideway	38	37	41	42	40	36	39	41	40
C99 (B)	Sideway	36	42	40	36	38	38	38	40	
C99 (C)	Sideway	35	38	34	36	38	39	37	38	
C100 (A)	Sideway	44	44	38	44	44	38	42	46	26
C100 (B)	Sideway	22	20	20	20	28	27	23	14	
C100 (C)	Sideway	25	25	24	28	26	27	26	19	
C105 (A)	Sideway	42	42	46	44	41	42	42	46	49
C105 (B)	Sideway	45	45	42	44	44	42	44	50	
C105 (C)	Sideway	42	43	47	46	41	43	44	50	
C108 (A)	Sideway	38	34	40	40	42	38	38	40	40
C108 (B)	Sideway	38	36	42	36	40	40	39	41	
C108 (C)	Sideway	35	38	39	37	38	36	37	38	
C115 (A)	Sideway	47	44	48	43	44	48	45	52	48
C115 (B)	Sideway	48	47	44	46	47	46	46	54	
C115 (C)	Sideway	38	39	37	35	36	34	37	38	
C116 (A)	Sideway	30	34	32	30	34	34	32	29	34
C116 (B)	Sideway	32	36	30	38	40	41	36	36	
C116 (C)	Sideway	35	34	37	36	34	39	36	36	
C119 (A)	Sideway	38	40	42	34	40	36	38	40	37
C119 (B)	Sideway	30	32	30	36	44	36	35	34	
C119 (C)	Sideway	35	38	34	36	37	39	37	38	



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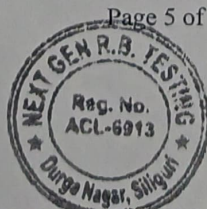
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Segment Name	Plunger Position	Pt. 1	Pt. 2	Pt. 3	Pt. 4	Pt. 5	Pt. 6	Mean of Individual Points	Result Equivalent Concrete Strength from Graph (N/mm ²)	Mean Result Equivalent Concrete Strength from Graph (N/mm ²)
C124 (A)	Sideway	44	48	49	48	47	44	47	56	51
C124 (B)	Sideway	40	42	42	36	47	48	42	46	
C124 (C)	Sideway	42	43	41	47	43	46	44	50	
C127 (A)	Sideway	38	36	32	36	30	36	35	34	42
C127 (B)	Sideway	48	47	42	46	42	47	45	52	
C127 (C)	Sideway	35	36	38	39	34	47	38	40	
C132 (A)	Sideway	44	44	40	48	45	43	44	50	41
C132 (B)	Sideway	36	33	33	30	42	38	35	34	
C132 (C)	Sideway	38	36	37	35	39	34	37	38	
C135 (A)	Sideway	40	36	40	36	45	36	39	41	40
C135 (B)	Sideway	40	37	32	40	40	36	38	40	
C135 (C)	Sideway	36	35	37	38	39	34	37	38	

- Note: 1. Tests were conducted in the laboratory as per relevant code.
2. Tests were carried out on the samples as supplied by the Client.
3. Liability for return of sample(s) ceases after fifteen days unless advised by concern authority.
4. The test report cannot be used as evidence in the court of Law, without written permission

Subha Biswas
SUBHA BISWAS
Testing Engineer
Next Gen R.B. Testing LLP

Reviewed By



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DEVOJIYOTI GHOSAL
Technical Manager
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Authorized By