

कार्यालय सहायक अभियन्ता-चतुर्थ
पदार्थ परीक्षण इकाई-1
सिंचाई अनुसंधान संस्थान, रुड़की

पत्रांक: २१४ /स०अ०-४/जमरानी

दिनांक २५ / ११ / २०२१

विषय:- परीक्षण प्रतिवेदन संख्या T.M No 92-T.R.(MT-71) के अनुमोदन कराने के सम्बन्ध में।

शोध अधिकारी, प०प०ई० -II, सिंचाई अनुसंधान संस्थान, रुड़की।

कृपया उपरोक्त विषयक अवगत करना है कि जमरानी बांध के आर०सी०सी० मिश्रण परिकल्पन कार्य से सम्बन्धित Chemical Admixture के रासायनिक परीक्षण से सम्बन्धित परीक्षण प्रतिवेदन T.R.(MT-71) अनुमोदन करने हेतु प्रेषित है।

संलग्नक- उपरोक्तानुसार।

Amid

(मो० हामिद हसन)
सहायक अभियन्ता-४

24/11/2021
20/11/2021

(For official use only)

Technical Memorandum No. 92 T.R. (MT₁-71)



अपार शक्तेः स्त्रौतः गंगेयम्

Chemical Analysis of Admixture

**Sponsor – Executive Engineer
Jamrani Dam Construction
Division-2, Damuadhunga,
Haldwani, Nainital**

Dinesh Chandra
Chief Engineer Level-1 (Design) & Director



**Irrigation Research Institute
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November, 2021

Irrigation Research Institute, Roorkee

(Website: www.iri-roorkee.res.in)

Material Testing Unit-1

Test Report: Technical Memorandum No.:92-TR (MT₁-71)

Accession No. 02/08.04.2021

1. Name & Address of Sponsor : Executive Engineer, Jamrani Dam Construction Division-2, Danuadhunga, Haldwani, Nainital.
2. Reference of Sponsor's letter : Letter No:154/Jamrani-2/वि.वि.पि, dated 18.02.2021.
3. Details of testing charges : --
4. Details of material received : Aggregate (Coarse & Fine), Cement, Fly ash, Admixture (Superplasticizer cum retarder) samples were received in laboratory.
5. Tests performed in the laboratory : Tests of chemical analysis of Admixture.
6. Test procedure & result : Test of admixture were conducted as per procedure specified in respective code IS 6925:1973 (Reaffirmed 2019) & IS 9103:1999 (Reaffirmed-2018). The test results are enclosed in Table 1.

Disclaimer: -

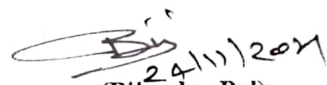
1. Test results reported in this report hold good for specific admixture supplied by the sponsor.
2. No part of T.M. is to be reproduced or used in any manner without written permission of the Superintending Engineer except for official purpose by the authority sponsoring the problem.
3. This report is being issued on the specific understanding that I.R.I. will not, in any way, be involved in any action following the interpretation of the results reported in this technical memorandum.



(Priya Semwal)
Research Supervisor



(Md. Hamid Hassan)
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Research Officer

Approved By



(Shankar Kumar Saha)
Superintending Engineer
Research Circle

Irrigation Research Institute, Roorkee

Name of Work : Roller Compacted Concrete Mix Design of Jamrani Dam

Name of Sponsor : Executive Engineer, Jamrani Dam Construction Divison-2, Damauadhunga, Haldwani, Nainital.

Sponsor Reference No. : Letter No: 154/Jamrani-2, Dated 18.02.2021.

Table 1: Chemical Analysis of Admixture

Sl. No.	Admixture	Test Name	Test Method	Unit	Test Results	Specification as per IS 9103:1999 Reaffirmed 2018	Conformity
1	BROCRETE S 888 (FAIRMATE)	Chloride Ion Content	As per IS 6925:1973 Reaffirmed 2019	(%)	0.01	0.00 - 0.200	OK
2		Ash Content	As per IS 9103:1999 Reaffirmed 2018		2.96	-	-



(Rakhi Upadhyay)
Scientific Assistant



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