



# CIVITECH

## LABS INDIA PVT LTD



GST No.: 08AAJCC2599LIZO

PAN No.: AAJCC2599L

CIN : U73100RJ2021PTC073160

MSME Cert. No.: UDYAM-RJ-33-0009520

Report No: CLIPL/ 240164  
ULR No. TC103662400000125F

Date: 07-06-2024

### TEST REPORT

Customer's Name & Address : Raj Mineral Crushing Plant  
Village- Bansliya, Near Iswal, Tehsil- Badgaon, Udaipur, Udaipur,  
Rajasthan, India, 313002

Letter Ref. No. : -

Project's Particulars : 160 KTPA, Roaster-6, Debari

Sample Submitted By : Customer Representative

Contact Person of Customer : Mr. Rajesh Mundra  
Mob. No. : 9414169137  
Email Id : rajeshmundraudr@yahoo.in

Test witnessed by : Not witnessed

Name of test for witness : Not witnessed

Sample Receipt Date : 05-06-2024 Sample Condition: Satisfactory

Period of Testing : 05-06-2024 to 07-06-2024

Test Performed at : Laboratory

Discipline : Mechanical

Group : Building Material, Infrastructure & Construction Materials

Sample Particulars : as follows-

Sample / Product	Job No.	Source / Identification
Aggregate 10 mm (Singal Size)	240164	Ishwal / Raj minerals

Results : Refer to next page

#### Abbreviation Used :

CNR – Test is not requested by customer, NA- Not Applicable, INA : Information not provided by client

#### Terms & Conditions:

- Results relate only to sample tested.
- The tested samples are retained for one month after issue date of report (if not collected by customer or not destruct during test).
- CIVITECH will not involve in any interpretation or legal action related to the test report.
- Reported test results shall not be reproduced, except in full, without the written permission of Director, CIVITECH.

Reviewed By:

Sudhir Kumar Mishra  
(Technical Manager)



Approved By :

Authorised Signatory  
Sunil Verma  
(C.E.O.)





# CMITECH

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TC-10366

GST No.: 08AAJCC2599LIZO

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CIN : U73100RJ2021PTC073160

MSME Cert. No.: UDYAM-RJ-33-0009520

Report No: CLIPL/ 240164  
ULR No. TC1036624000000125F

Date: 07-06-2024

### TEST RESULTS

Job No. : 240164 Test Start Date: 05-06-2024  
Sample / Product : Aggregate 10 mm (Singal Size) Test Completion Date: 07-06-2024  
Source / Identification: Ishwal / Raj minerals

Sl. No.	Test Parameter	Unit	Result	Specification as per IS 383:2016	Conformity	Method of Test	
1	Sieve Analysis (Passing on IS Sieve)	% By weight	12.50	81	100 - 100	No	IS 2386 (Part-I)-1963
			10.00	25.4	85 - 100	No	
			4.75	0.0	0 - 20	Yes	
			2.36	0.0	0 - 5	Yes	
2	Flakiness Index	% By weight	9.09	NA	-	IS 2386 (Part-III)-1963	
3	Elongation Index	% By weight	18.45	NA	-		
4	Water Absorption	% By weight	0.48	NA	-		
5	Specific Gravity based on Saturated Surface Dry Weight Aggregate	NA	2.82	NA	-		
6	Specific Gravity based on Dry Aggregate	NA	2.81	NA	-	IS 2386 (Part-IV)-1963	
7	Apperent Specific Gravity	NA	cnr	NA	-		
8	Bulk Density-Loose	kg/litre	1.53	NA	-		
9	Bulk Density-Compacted	kg/litre	1.65	NA	-	IS 2386 (Part-V)-1963	
10	Impact Value	% By weight	17	30 Maximum* 45 Maximum**	Yes Yes		
11	Crushing Value	% By weight	18	30 Maximum*	Yes		
12	Los Angeles Abrasion Value	% By weight	15	30 Maximum* 50 Maximum**	Yes Yes	IS 2386 (Part-V)-1963	
13	Ten % Fines Value	kN	cnr	50 Minimum	-		
14	Soundness Test by Na <sub>2</sub> SO <sub>4</sub> after five cycles	% By weight	cnr	12 Maximum	-	IS 2386 (Part-V)-1963	
15	Soundness Test by MgSO <sub>4</sub> after five cycles	% By weight	cnr	18 Maximum	-		

\*Aggregate used in concrete for wearing surfaces

\*\*Aggregate used in concrete other than wearing surfaces

Reviewed By:

Sudhir Kumar Mishra  
(Technical Manager)



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\*\*\*\*\*END OF THE REPORT\*\*\*\*\*

Approved By :

Authorised Signatory  
Sunil Verma  
(C.E.O.)

