



# CIVITECH

## LABS INDIA PVT LTD



TC-10366

GST No.: 08AAJCC2599L1ZO

PAN No.: AAJCC2599L

CIN : U73100RJ2021PTC073160

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

Report No: CLIPL/ 240165  
ULR No. TC1036624000000126F

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 Particulars : 160 KTPA, Roaster-6, Debari

Sample Submitted By : Customer  
Contact Person : 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 : as follows-

Sample / Product	Job No.	Source / Identification
Manufactured Sand	240165	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 (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

## LABS INDIA PVT LTD



TC-10366

GST No.: 08AAJCC2599L1Z0

PAN No.: AAJCC2599L

CIN : U73100RJ2021PTC073160

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

Report No: CLIPL/ 240165  
ULR No. TC103662400000126F

Date: 07-06-2024

### TEST RESULTS

Job No. : 240165 Test Start Date: 05-06-2024  
Sample / Product : Manufactured Sand Test Completion Date: 07-06-2024  
Source / Identification: Ishwal / Raj minerals

Sl. No.	Test Parameter	Unit	Result	Specification as per IS 383:2016 Grading Zone-I	Conformity	Method of Test	
1	Sieve Analysis (Passing on IS Sieve )	10.0 mm	% By weight	100.0	100 - 100	Yes	IS 2386 (Part-I)-1963
		4.75 mm		100.0	90 - 100	Yes	
		2.36 mm		72.2	60 - 95	Yes	
		1.18 mm		21.5	30 - 70	No	
		0.600 mm		7.0	15 - 34	No	
		0.300 mm		1.5	5 - 20	No	
		0.150 mm		0.5	0 - 10	Yes	
2	Material Finer Than 75 micron	% By weight	0.90	10 Maximum	Yes		
3	Clay Lumps	% By weight	cnr	1 Maximum	-		
4	Organic Impurity	NA	cnr	Clour of liquid of the sand should not be darker than a standard solution	Yes	IS 2386 (Part-II)-1963	
5	Water Absorption	% By weight	1.32	NA	NA	IS 2386 (Part-III)-1963	
6	Specific Gravity based on Saturated Surface Dry Weight Aggregate	NA	2.78	NA	NA		
7	Specific Gravity based on Dry Aggregate	NA	2.74	NA	NA		
8	Apperent Specific Gravity	NA	cnr	NA	NA		
9	Bulk Density-Loose	kg/litre	1.46	NA	NA		
10	Bulk Density- Compacted	kg/litre	1.63	NA	NA		
11	Soundness Test by Na <sub>2</sub> SO <sub>4</sub> after five cycles	% By weight	cnr	10 Maximum	-	IS 2386 (Part-V)-1963	
12	Soundness Test by MgSO <sub>4</sub> after five cycles	% By weight	cnr	15 Maximum	-		

Reviewed By:

Sudhir Kumar Mishra  
(Technical Manager)



Authorised Signatory

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

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

