

## Details of Consultancy/Material Testing Projects

| S. No. | Industry/ Company                          | Details of the Consultancy  | Tests Conducted   | Date                  | Status           |
|--------|--|---|---|-----------------------|------------------|
| 1.     | Panchayati Raj Dept., Pillukhera Jind      | Testing of Interlocking Paver Block (60 mm and 80 mm thick)   | <ul style="list-style-type: none"> <li>• Dimension Test</li> <li>• Compressive Strength Test</li> </ul>   | (28/06/16-01/07/16)   | <b>Completed</b> |
| 2.     | Panchayati Raj Dept., Pillukhera Jind      | Testing of Bricks, Cement Mortar, Cement Concrete   | <ul style="list-style-type: none"> <li>• Crushing Strength</li> <li>• Water Absorption</li> <li>• Ratio Test on CC</li> <li>• Ratio Test on CM</li> </ul>   | 05/07/16-05/08/16)    | <b>Completed</b> |
| 3.     | Panchayati Raj Dept., Pillukhera Jind      | Testing of Bricks, Cement Mortar, Cement Concrete, Cement Plaster                                       | <ul style="list-style-type: none"> <li>• Crushing Strength</li> <li>• Water Absorption</li> <li>• Ratio Test on CC</li> <li>• Ratio Test on CM</li> <li>• Ratio Test on CP</li> </ul>   | 21/07/16-05/08/16)    | <b>Completed</b> |
| 4.     | C.P. Arora Contractors-Engineers Pvt. Ltd. | Testing of Pavement Quality Concrete M40  | <ul style="list-style-type: none"> <li>• Flexural Strength Test</li> <li>• Compressive Strength Test</li> </ul>   | 20/02/17-22/03/2017   | <b>Completed</b> |
| 5.     | Bhavishya India Group, Noida               | Testing of Soil   | <ul style="list-style-type: none"> <li>• Compaction Test</li> <li>• Grain Size distribution Test</li> <li>• UCS</li> <li>• Triaxial (CU) test</li> </ul>  | 22/05/2017-27/05/2017 | <b>Completed</b> |
| 6.     | C.P. Arora Contractors-Engineers Pvt. Ltd. | Testing of Bricks   | <ul style="list-style-type: none"> <li>• Crushing Strength test</li> </ul>  | 09/06/2017-13/06/2017 | <b>Completed</b> |
| 7.     | C.P. Arora Contractors-Engineers Pvt. Ltd. | Testing of Soil <ul style="list-style-type: none"> <li>• In Air Site</li> <li>• In land Site</li> </ul> | <ul style="list-style-type: none"> <li>• Compaction Test</li> <li>• Silt Content</li> <li>• Free Swell Index</li> <li>• Grain Size Distribution</li> <li>• Liquid Limit &amp; Plastic Limit</li> <li>• CBR</li> </ul>                     | 22/06/2017-28/06/2017 | <b>Completed</b> |
| 8.     | C.P. Arora Contractors-Engineers Pvt. Ltd. | Testing of GSB  | <ul style="list-style-type: none"> <li>• Compaction Test</li> <li>• Silt Content</li> <li>• Free Swell Index</li> <li>• Liquid Limit &amp; Plastic Limit</li> <li>• CBR</li> <li>• Sand Equivalent</li> <li>• Water Absorption</li> </ul> | 28/06/2017-03/07/2017 | <b>Completed</b> |
| 9.     | C.P. Arora Contractors-Engineers Pvt. Ltd. | Testing of Drainage Layer Soil Sample   | <ul style="list-style-type: none"> <li>• Compaction Test</li> <li>• Grain Size Distribution</li> </ul>  | 04/07/2017-09/07/2017 | <b>Completed</b> |

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| 10. | C.P. Arora<br>Contractors-<br>Engineers Pvt.<br>Ltd. | Physical and chemical<br>test of cement,<br>bitumen, aggregate | <ul style="list-style-type: none"> <li>• Specific gravity of cement</li> <li>• Consistency of cement</li> <li>• Initial and final setting time</li> <li>• Soundness test</li> <li>• Compressive strength</li> <li>• Aggregate impact</li> <li>• Flakiness and elongation</li> <li>• Water absorption</li> <li>• Penetration</li> <li>• Ductility</li> <li>• Softening point</li> <li>• Flash and fire</li> </ul> | 04/07/2017-<br>04/08/2017 | <b>Completed</b> |
| 11. | Bhavishya India<br>Group, Noida                      | Testing of Soil  | <ul style="list-style-type: none"> <li>• Grain Size distribution Test</li> <li>• UCS</li> <li>• Triaxial (CU) test</li> </ul>  | 22/09/2017-<br>29/10/2017 | <b>Completed</b> |
| 12. | Vijay Nirman<br>Company                              | Mix Design & Testing<br>of M25 grade<br>Concrete               | <ul style="list-style-type: none"> <li>• Mix Design with PPC and OPC</li> <li>• Compressive Strength Test</li> </ul>   | 18/06/2018-<br>21/09/2018 | <b>Completed</b> |