



Laboratory                      Imarat Engineering Lab, SCF 29, SST Nagar, Patiala, Punjab

Accreditation Standard      ISO/IEC 17025: 2005

Certificate Number          TC-7484

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Validity                          29.06.2018 to 28.06.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
II.	<b>SOIL &amp; ROCK</b>			
1.	<b>Soil</b>	Light Compaction	IS 2720 (Part 7)	1.60 g/cc to 2.10 g/cc 4.0 % to 30.0 %
		Heavy Compaction	IS 2720 (Part 8)	1.65 g/cc to 2.25 g/cc 4.0 % to 30.0 %
		CBR Value	IS 2720 (Part 16)	1.0 % to 60.0 %
III.	<b>MECHANICAL PROPERTIES OF METALS</b>			
1.	<b>Steel Reinforcement</b>	Weight per unit length	IS 1786	Upto 6.0 kg/m
		Elongation %	IS 1608	5 % to 30 %
		Ultimate Tensile Strength	IS 1608	200 N/mm <sup>2</sup> to 800 N/mm <sup>2</sup>
		Yield Stress	IS 1608	100 N/mm <sup>2</sup> to 700 N/mm <sup>2</sup>