




Foundry Lab

Sl No	Name of the experiment	List of equipment	Photographs
1.	To determine the moisture content of moulding sand.	<ul style="list-style-type: none"> • Moisture content tester • Crucible or pan • Electric balance • 50gm of prepare sand 	
2.	To determine the percentage of clay in sand sample.	<ul style="list-style-type: none"> • Sand sample • Crucible • Electric balance • Electric heater • Stiring rod • Beaker 	
3.	To determine the A.F.S grain fineness number of moulding sand.	<ul style="list-style-type: none"> • Standard sieve • Sieve shaker machine 	

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4.	To measure the hardness of the given moulding sand.	<ul style="list-style-type: none">• Moulding sand• Water• Ramming machine• Hardness tester for moulding sand	
5.	To find the compression strength of green sand.	<ul style="list-style-type: none">• Sand ramming machine• Specimen tube• Stripper• Universal Sand testing machine• Measuring jar• Compression shackles	

