

Rail Coach Factory, Kapurthala

The following item is not having STR & request have come for carrying out CCA of firm for this item.

Infrastructure requirement for manufacturing "Set of Console" with drawing No. 2.10113.0.03.095.022 Rev. 'R' & 2.10113.0.03.095.022Rev. 'R'

S.No.	Description	Remarks
1.	Facilities for Pre-heating of Ladle.	In-house
2.	Induction Furnace minimum 1 Ton having Ladle refining facility.	In-house
3.	Charging bucket minimum 3 nos. & weighing Machine up to 500 Kg	In-house
4.	Cover shed with sufficient height and space with at least one EOT crane in each bay covering Melting, Molding, Fettleing	In-house
5.	Heat Treatment furnace should be oil fired, LPG fired or electric type for water quenching & tempering with digital indicator	In-house
6.	Gauging & Assembly for dimension	In-house
7.	Testing of Properties of prepared sand <ul style="list-style-type: none"> • Green Compressive Strength • Green Shear Strength • Moisture • Permeability • Hardness 	In-house
8.	Shot Blasting Machine	In-house
9.	Sand Testing facilities <ul style="list-style-type: none"> • AFS Grain Size • Clay Content • Moisture Content • Loss of ignition • AFS Grain Size 	In-house
10.	Chemical Lab <ul style="list-style-type: none"> • Spectrometer • For chemical test of incoming raw material Refractory's, Ferro Alloys 	In-house
11.	Physical Lab <ul style="list-style-type: none"> • UTM of 40 Ton • Impact Testing Machine • Ultrasonic and Liquid dye Penetrate Test • Radiographic Testing • Metallurgical microscope facilities • Measuring instruments and Gauges 	In-house /Outsourced
12.	Machining Facilities <ul style="list-style-type: none"> • Lathe Machine of suitable capacity • Milling Machine • Drilling Machine • Surface Table • Air Compressor 	In-house

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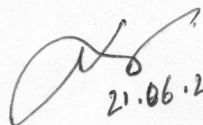
13.	Equipment Availability <ul style="list-style-type: none"> • Permeability tester • Sand Rammer • Chemical balance • Sand sieve shaker • Sand Muller • Shatter Index Tester • Dry compression strength tester • Sand mould ability / compatibility • Quick moisture teller • Mould / Core hardness tester 	In-house
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May kindly permit use of ^{above} ~~this~~ for assessing firm in CCA

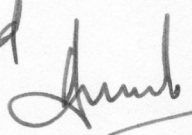
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SSE/VD

Dy.CME/DP

Please approve.


21.06.21

C/E

Approved

21/06/2021