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W.C.R

P.O. 90.13.5002.1. 41438 dt 19/3/14

Annexure

Set of steel grit and steel shots for Non stock demand no- 96161976 dated 8.1.2013

Sr. No	Description	IS Specification	Size as per SAE system	Equivalent size as per IS system	Quantity
1	Steel grit grade G-25		G-25		3.0 MetricTonne
2	Steel shot grade S-330	IS 4606/1983	S-330	SS-850	3.0 MetricTonne
3	Steel shot grade S-390	IS 4606/1983	S-390	SS-1000	3.0 MetricTonne
4	Steel shot grade S-460	IS 4606/1983	S-460	SS-1180	3.0 MetricTonne
				Total quantity	12.00MetricTonne

Chemical composition: (For all grade)

C	0.6 to 1.25
Si	0.2 to 1.10%
Mn	1.25% max.
Sulpher	0.080% max.
Phosphorus	0.08% max.
Density	7.0gm/ml minimum for Steel shots and 7.6gm/ml minimum for steel shots.
Hardness	40-50 HRC (Average) for steel shots and > 60HRC for steel grits

Sieve Analysis:

(i) Steel grit G-25

1.180mm- All Pass
0.710 mm- 70%
0.425 mm- 80%

(ii) Steel shots(S-330)

1.400mm - All Pass
1.180mm - 05% max.
0.850mm - 80% max.
0.710mm - 11% max.
Pan - 04% max.

(iii) Steel shots(S-390)

1.700mm - All Pass
1.400mm - 05% max.
1.00mm - 80% max.
0.850mm - 11% max.
Pan - 04% max.

(iv) Steel shots(S-460)

2.000mm - All Pass
1.700mm - 05% max.
1.180mm - 80% max.
1.000mm - 11% max.
Pan - 04% max.

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