

Annexure:-

Set of steel grit, and steel shots as per IS IS-4606/1983

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		30 Kg
2	Steel shot grade S-330	IS 4606/1983	S-330	SS-850	30 Kg
3	Steel shot grade S-390	IS 4606/1983	S-390	SS-1000	30 Kg
4	Steel shot grade S-460	IS 4606/1983	S-460	SS-1180	30 Kg
Total Quantity					120Kgs.

Chemical composition: (For all grade)

C	0.6 to 1.25
Si	0.2 to 1.10%
Mn	1.25% max.
Sulphur	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 > 60 HRC 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.

Note:-Grit and shots may be packed in double cover packing i.e. Polythene inside jute bag.


Dy. CME(C)
CRWS/BPL


SBE/Paint Shop
CRWS/BPL