

PIG IRON SPECIFICATIONS

Given below are the indicative specifications of our various pig iron grades which we supply to our valued Customers primarily in India and also in Middle-East, Far-East, South-East Asia:

SPECIFICATIONS OF FACTORY 1:

Grade	Carbon	Silicon	Manganese	Sulphur	Phosphorus
Basic Grade	3.5% - 4.6%	1.25% max	0.4% - 1.2%	0.07% Max	0.14% max
Nodular/SG Grade	3.5% - 4.6%	1.25% max	0.3% max	0.015% max	0.08% max
	3.5% - 4.6%	1.25% - 2.25%	0.3% max	0.015% max	0.08% max
Foundry Grade	3.5% - 4.3%	1.75% - 2.00%	1.00% max	0.07% max	0.14% max
	3.5% - 4.3%	2.00% - 2.50%	1.00% max	0.06% max	0.14% max
Semi Foundry Grade	3.5% - 4.6%	1.25% - 1.75%	0.4% - 0.8%	0.07% max	0.10% max

Note: Above specifications are indicative and can be modified to suit customer requirements. Each pig iron unit has single notch, has an approximate size of 140mm x 140mm x 70mm, and weighs approximately 5-8 kg.

Sl. No.	Grade Name	Specifications					
		C	S	Si	Mn	P	Pi
1	Basic Grade - BG06XA	3.5% - 4.6%	0.08% max	1.00% max	0.4% - 1.2%	0.10% max	Nil
2	Basic Grade - BG06X	3.5% - 4.6%	0.05% max	1.25% max	0.4% - 1.2%	0.140% max	Nil

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3	Basic Grade - BG06X	3.5% - 4.6%	0.08% max	1.00% - 1.25%	0.4% - 1.2%	0.10% max	0.07% max
4	Basic Grade - BG05	3.5% - 4.6%	0.07% max	1.25% - 1.50%	0.4% - 1.2%	0.14% max	Nil
5	Basic Grade - BG05A	3.5% - 4.6%	0.07% max	1.25% - 1.50%	0.4% - 1.05%	0.10% - 0.14%	Nil
6	Basic Grade - SFG05X	3.5% - 4.6%	0.07% max	1.50% - 1.75%	0.9% Max	0.10% max	0.100% Max
7	Basic Grade - SFG05X	3.5% - 4.6%	0.07% max	1.50% - 2.00%	1.05% Max	0.10% max	0.100% Max
8	Foundry Grade - FG10	3.5% - 4.6%	0.07% max	1.75% - 2.00%	0.4% - 0.8%	0.140% max	
9	Foundry Grade - FG20X	3.5% - 4.6%	0.06% max	2.00% - 2.50%	0.4% - 0.8%	0.100% max	
10	Foundry Grade - FG20	3.5% - 4.6%	0.06% max	2.00% - 2.50%	0.4% - 0.8%	0.100% - 0.140%	
11	Foundry Grade - FGHH	3.5% - 4.6%	0.06% max	2.50% - 3.00%	0.4% - 0.8% max	0.100% max	
12	Foundry Grade - FGHA	3.5% - 4.6%	0.06% max	2.50% - 3.00%	0.4% - 0.8% max	0.140% max	

13	Foundry Grade - FGUH	3.5% - 4.6%	0.06% max	3.00% - 3.50%	0.4% - 1.20%	0.140% max	
14	Foundry Grade - IG29X	3.5% - 4.6%	0.07% max	1.75% - 2.00%	0.8% - 1.20%	0.100% max	
15	Foundry Grade - IG30X	3.5% - 4.6%	0.06% max	2.00% - 2.50%	0.8% - 1.20%	0.100% max	
16	Foundry Grade - IG31X	3.5% - 4.6%	0.06% max	2.50% - 3.00%	0.8% - 1.20%	0.100% max	
17	Grade - FG10X	3.5% - 4.6%	0.07% max	1.75% - 2.00%	0.4% - 0.8%	0.100% max	
18	Foundr y Grade - FG20X	3.5% - 4.3%	0.100% max	1.80% - 2.30%	0.4% - 0.8%	0.100% max	
19	Foundr y Grade - FG25	3.5% - 4.6%	0.06% max	2.20% - 2.60%	0.4% - 0.8%	0.100% - 0.140%	
20	Foundry Grade - IG30	3.5% - 4.6%	0.06% max	2.00% - 2.50%	0.8% - 1.20%	0.1% - 0.140% max	
21	Foundry Grade - IG29	3.5% - 4.6%	0.07% max	1.75% - 2.00%	0.8% - 1.20%	0.140% max	

22	Foundry Grade - IG31	3.5% - 4.6%	0.06% max	2.50% - 3.00%	0.80% - 1.2%	0.140% max	
23	Nodular Grade - NG61	3.5% - 4.6%	0.015% max	1.25% - 1.50%	0.3% Max	0.08% max	
24	Nodular Grade - NG62	3.5% - 4.6%	0.015% max	1.50% - 2.0%	0.3% Max	0.08% max	
25	Nodular Grade - NG65	3.5% - 4.6%	0.015% max	2% - 2.5%	0.3% max	0.08% max	
26	Nodular Grade - NG62	3.5% - 4.6%	0.020% max	1% - 2%	0.2% max	0.08% max	
27	Nodular Grade - NG66	3.5% - 4.6%	0.020% max	1% - 2%	0.4% max	0.095% max	
28	Nodular Grade - SNG04	3.5% - 4.6%	0.015% max	1.00% max	0.03 - 0.04 %	0.040 - 0.045 %	<0.04 %
29	Nodular Grade - SNG09	3.5% - 4.6%	0.060% max	1.00 - 2.00 %	<0.40 %	<0.05 %	<0.04 %