

BRG IRON & STEEL CO PVT LTD (UNIT I)

Sl.	Name of machinery & Equipment	Short description	Item Qty.	Year of Commissioning / modification
	DRI			
a	Water Pipe Line		1	2007
		(i) cooling water pump, pipe line 5" M.5, 120 mts		
		(ii) ABC pump pipe line 2" M.5, 500 mts		
		(iii) Borewell pump pipe line 1.5 G.1 1000 mts		
b	Nos Borewell		4 Nos	2007
		(i) 2.2k.w./3HP	1 No	2007
		(II) 3.7 K.w./5HP	2 nos	2007
		(III) 5.5 K.W./7.5 HP	1 no	2007
c	Cable size v length	3C*2.5mn2 copper armoured cable 700 mts		
d	No of Kiln and cop	2*100 TPD		2007
		DG Set		
e	Transformer main incommer	3 MVA 11KV/440v. T - 1 No.	1 No	2007
f	ESP Transformer 600 mA, 90 KV		1 No.	2007
		(Auto Data)	1 No.	2007
g	I/O Crusher (R.M.P.)	2*25 T.P.H. 2 No.		
h	Coal Impact crusher(RMP)		1 No.	2007
i	Crusher Torsa		1 No.	2007
j	Lab	(i) muffle furnace	2 Nos	2007
		(ii) Carbon aparatus	1 No	2007
		(iii) mustarising ovan	1 No	2007
		(iv) El. Weight balance 0-200gm	1 No	2007
		(v) El. Weight balance 0-200 kg		2007
		(vi) Jaw crusher for sampling preparation	1 No	2007
		(vii) Polvorizer sponge iron for sampling preparation	1 No	2007
k	pump hoose			2007
		(i) C.W.P-139M	3 Nos	2007
		(ii) A.B.C.W. Pump 40 m3/hour	2 Nos	2007
		(iii) Cooling lower water pump		2007
		139m3/hr	1 No	2007
		(iv) G.C.T. Pump		2007
		19.5m2/hour	2 Nos	2007
		(v) G.C.T. Pump		2007
		12.3 m3/hour	2 Nos	2007
l	Cooling Tower	14000 ltr/m2 per hour	1 No	2007
m	Pollution control system			2007
		Bagfilter-40000m3/hour	2 Nos	2007
		I.BM -25000M3/HOUR	1 Nos	2007
		RMP/Torsa-12000 m3/hour	2 Nos	2007
		Injection-5000 m3/hour	2 Nos	2007
		ESP-75000m3/hour	2 Nos	2007
n	Misc	(i) P.CC 2500 Anp 3 Q.N. design	1 No	2007
		(ii) M.C.C. for kiln . 1, 2 * RMP with P.H.	3 Nos	2007
		(iii) M.CC for Esp .main with AUX	4 Nos	2007
		(iv) P.C.C K.1 *K.2	2 Nos	2007
		(v) V.V.V.F	2 Nos	2007
		(vi) Weigh Feeder Panel	2 Nos	2007
	Ferro Alloys			
a	Water Pipe Line-200 mtrs			2009
	Consumption-1,50,000 cu. M .			
	power-11MVA (capacity transformer)			
b	Submerged Arc Furnace-2*11 MVA			2009
c	Crane-25/7.5-2 Nos			2009
d	Casting Pan-7 Nos			2009
e	Slag Pat-4 Nos			2009
f	Laddles-4			2009
g	Pollution control system (FES)			2009
h	Motor-IDFAN-315KV-1 No.			2009
i	F.D. Cooler Chambers mith 6 fans -6 Nos			2009
j	Bag House-6 Chambers			2009

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	SMS			
a	L.R.F.			
	Capacity-50 MT	1		2008
	Make-GEC			
b	AOD I			
	Capacity-50 MT	1		2008
	Make -EMC			
c	AOD II			
	Capacity-50MT	1		2008
	Make -EMC			
d	Induction Furnace			
	Capacity-20MT	1		2008
	MODEL- F&G			
	Make-Megatherm			
e	Induction Furnace			
	Capacity-20 MT	1		2008
	Model-J&K			
	Make-Megatherm			
f	Induction furnace			
	Capacity-7 MT	2		2009
	Make-Electrotherm			
g	AOD Gas mixing station			
	Leus Marshal (Make)	2		2009
	Pune			
h	Electric Arc Furnace -			
	Capacity-35 MT			
	Model- IIUS	1		2010
	Make-GEC			
i	Induction Furnace			
	main inlet:- MS ERW Pipe 16"			
	Length-170 mtrs			
	Main outlet:- MS ERW Pipe Q 18"			
	Length-210 mtrs			
	Crucible Inlet:-MS ERW Pipe Q 6"			
	Length-25 mtrs.			
	Crucible outlet:-MS ERN PIPE Q 8"			
	LENGTH-25 mtrs			
j	AOD-I			
	Inlet:-MS ERW PIPE Q 14"			
	Length-180 mtrs			
	outlet:-MS ERW PIPE Q 16"			
	Length-218 mtrs			
k	AOD-II			
	Inlet:-MS ERW PIPE Q 14"			
	Length:60 mtrs			
	outlet:MS ERW PIPE Q 16"			
	Length-97 mtrs			
l	C.R.F.			
	Inlet: MS ERW Pipe Q 4"			
	Length-90mtrs			
	Outlet:MS ERW PIPE Q 6"			
	Length-100 mtrs			