

MaxiDura Welding Electrodes For Steel Industries

	STEEL INDUSTRIES				
S.NO.	COMPONENTS	BASE METALS	WEAR FACTORS	RECOMMENDED ELECTRODES	
1	GEAR	CAST STEEL	ABRASION/FRICTION	MaxiDura	100
2	PINION OF SINTER M/C	FORGED STEEL	ABRASION/FRICTION	MaxiDura	101+100
3	HAMMER MILL ROTOR	FORGED STEEL	ABRASION	MaxiDura	101+100
4	COOLER FAN BLADE	CAST STEEL	ABRASION/FRICTION	MaxiDura	101+100
5	BLOWER FAN BLADE & HUB(IMPELLER)	SPECIAL ALLOY	ABRASION/FRICTION	MaxiDura	101+100
6	RAIL	MN.STEEL	ABRASION/IMPACT	MaxiDura	107
7	SUPPORT ROLLS	CAST STEEL	FRICTION	MaxiDura	115
8	FRICTION WHEEL	FORGED STEEL	ABRASION/FRICTION	MaxiDura	101
	COKE OVEN				
9	AIR COMPRESSOR BODY	CAST IRON	ACCIDENT	MaxiDura	114/115
10	MOTOR BASE PLATE	CAST IRON	ACCIDENT	MaxiDura	114/115
11	PUMP BODY	CAST IRON	ACCIDENT	MaxiDura	114/115
12	CHUTE	STAINLESS STEEL	ABRASION	MaxiDura	SP+107
13	FLANGE	STAINLESS STEEL	ABRASION	MaxiDura	SP+107
14	SHAFT	STAINLESS STEEL	ABRASION	MaxiDura	SP+107
15	GEARS	CAST IRON	FRICTION	MaxiDura	101+100
16	DOG CLUTCH	CAST STEEL	FRICTION	MaxiDura	100
17	GEAR BOX	CAST IRON	ACCIDENT	MaxiDura	114/115
18	CONVEYOR DRUMS	CAST STEEL	FRICTION	MaxiDura	100
19	CRUSHER JAWS HAMMER	MN.STEEL	IMPACT/ABRASION	MaxiDura	133
20	PULLEYS	CAST IRON	FRICTION	MaxiDura	114/115
21	BUCKETS	MN.STEEL	IMPACT/ABRASION	MaxiDura	133
22	GEAR WHEEL	CAST STEEL	FRICTION	MaxiDura	101(18)+SP
23	MOTOR CASINGS	CAST IRON	ACCIDENT	MaxiDura	114/115SPL
24	TRANSMISSION GEAR	CAST IRON	FRICTION	MaxiDura	107
25	BUSH BARS	COPPER	FRICTION	MaxiDura	130
26	LIFTING BLOCKS	CAST IRON	ACCIDENT	MaxiDura	114+115SPL
27	CHAINS	CAST STEEL	FRICTION	MaxiDura	SP+107
28	LEADER TIPS	ALLOY STEEL	FRICTION	MaxiDura	100
29	CHASSIS	CAST STEEL	CRACK	MaxiDura	SP
30	HYDRAULIC UNITS	BRASS/BRONZE	FRICTION	MaxiDura	130
31	WASHERY MAIN PUMP	CAST IRON	ACCIDENT	MaxiDura	114+107
32	COKE CRUSHING HAMMER	CAST STEEL	IMPACT	MaxiDura	102
33	PINION FOR PUSHER RACK	MN.STEEL	ABRASION/IMPACT	MaxiDura	107/S
34	COUPLING FLANGER	CAST STEEL	FRICTION	MaxiDura	101
35	RAMBEANS OF SUPPORT	CAST STEEL	VIBRATION	MaxiDura	101
36	COOLING MEMBERS	COPPER	JOINING	MaxiDura	130
37	SINTER BREAKER	CAST STEEL	ABRASION/IMPACT	MaxiDura	102
38	HAMMERS	CAST STEEL	ABRASION/IMPACT	MaxiDura	1102
39	PALLETS	CAST STEEL	CRACK	MaxiDura	101
40	PALLETS	CAST IRON	CRACK	MaxiDura	115SPL/115
41	SHAFTS	STAINLESS STEEL	JOINING/SURFACING	MaxiDura	SP
42	CRUSHER JAWS HAMMER	MN.STEEL	ABRASION/IMPACT	MaxiDura	133/105
43	VALVES	CAST IRON	ABRASION/SURFACING	MaxiDura	114/115
44	THROAT ARMOUR PLATES	CAST STEEL	ABRASION/EROSION	MaxiDura	106

	STEEL MELTING SHOP				
45	FURNACE DOORS	CAST STEEL	JOINING	MaxiDura	116
46	PUMP SHAFTS	EN STEEL	JOINING/SURFACING	MaxiDura	SP
47	PULLEY	CAST IRON	BROKEN/BUILD UP	MaxiDura	115/115SPL
48	KILN SHELL	CAST STEEL	JOINING	MaxiDura	101
49	LADLE TRUNION	CAST STEEL	ABRASION	MaxiDura	101+100
50	CRANE RAILS	CAST STEEL	ABRASION	MaxiDura	7018/133
51	ROLLERS	CAST IRON	BROKEN/JOINING	MaxiDura	114/115
52	VALVES	STAINLESS STEEL	EROSION	MaxiDura	139
53	OXYGEN LANCER	COPPER	EROSION	MaxiDura	130
	FOUNDRY				
54	CRANE BEARING PEDESTAL	CAST STEEL	FRICITION	MaxiDura	101
55	SAND PUMP IMPELLER	CAST IRON	ABRASION	MaxiDura	115 SPL
56	CASING	CAST IRON	ABRASION	MaxiDura	115 SPL
57	MIX MULLER PLOUGH	MN.STEEEL	ABRASION	MaxiDura	133
58	IMPELLER BACKPLATE	CAST IRON	FRICITION	MaxiDura	115 SPL
59	VALVE SPINDLE OF MAX M3	BRASS	FRICITION	MaxiDura	130
60	ELEVATOR SHAFT	STEEL	FRICITION	MaxiDura	SP
61	FEED SCREW	CAST STEEL	ABRASION	MaxiDura	103
62	VIBRATOR TABLE	CAST IRON	CRACK	MaxiDura	114/115
63	MOULDING BOX	CAST IRON	CRACK	MaxiDura	114/115
64	FEEDER HEAD	STEEL	ABRASION	MaxiDura	103
65	ROLLERS	STEEL	FRICITION	MaxiDura	SP

66	MOULD DRILL	H.S.S	FRICITION	MaxiDura	119
67	MOUID KNIFE	H.S.S	FRICITION	MaxiDura	119
68	FAN BLADE	STEEL	ABRASION	MaxiDura	103
69	HEAT TREATMENT GRILL	STAINLESS STEEL	HEAT	MAxiDura	107+123
70	HEATING ELEMENTS	NICHROME	HEAT	MaxiDura	140
71	MACHINE BASE	CAST IRON		MaxiDura	114/115
72	MACHINE HOUSING ENGINE BLOCKS	CAST IRON		MaxiDura	114/115
73	SAND DISCHARGE CHUTE	MILD STEEL	ABRASION	MaxiDura	103
74	PUMP SHAFT	STEEL	FRICITION	MaxiDura	SP
75	MNS.LINER MOULD	MN.STEEEL	IMPACT/ABRASION	MaxiDura	108
76	SCRAP BLADES	MN.STEEEL	ABRASION	MaxiDura	108+103
77	MIXER PADDLES	MN.STEEEL	ABRASION	MaxiDura	13
78	TACKLE INGOT MOULD	CAST IRON	CAVITATION/HEAT	MaxiDura	114/115SPL
	MILL				
80	IDLERS	CAST IRON	FRICITION	MaxiDura	115
81	IDLERS	STEEL	FRICITION	MaxiDura	SP
82	ROLLERS	CAST IRON	FRICITION	MaxiDura	114/SP115
83	ROLLERS	STEEL	FRICITION	MaxiDura	SP
84	HOUSING	CAST IRON	CRACK/JOINING	MaxiDura	114/115
85	HOUSING	CAST IRON	CRACK/JOINING	MaxiDura	114/115
86	CRANE RAILS	MN.STEEL	FRICITION/ABRASION	MaxiDura	114/CR MN

87	CRANE WHEELS	FORGED STEEL	FRICITION/ABR ASION	MaxiDura	100
88	IMPELLERS	BRONZE C.IRON	ABRASION	MaxiDura	130+114
89	MAIN STAND BORES	CAST STEEL	FRICITION	MaxiDura	101
90	FLYING SHEAR HOUSING	CAST STEEL	FRICITION	MaxiDura	101
91	HOT SHEAR BLADE	HCHCR	IMPACT/FRICT ION	MaxiDura	SP
92	HOT WORKING TOOLS	HCHCR	FRICITION	MaxiDura	SP
93	WIRE CUTTERS	HSS	FRICITION	MaxiDura	119
	REFRACTORIES				
94	SUPPORTING ROLLS OF ROTARY KILN	LOW ALLOY STEEL	ABRASION/FRI CTION	MaxiDura	101+100
95	IMPACT CRUSHER	LOW ALLOY STEEL	FRICITION/IMP ACT	MaxiDura	119+105
96	ROTTERS	MN.STEEL	ABRASION	MaxiDura	119+105
97	CROWN GEARS	CAST STEEL	FRICITION	MaxiDura	100
	ELECTRICAL				
98	FAN COVER OF MOTORS	CAST IRON	FRICITION/ACC IDENT	MaxiDura	115/114
99	MOTOR FOUNDATION	CAST IRON	ACCIDENT	MaxiDura	114/115

100	ARMATURE SHAFT	STEEL	FRICITION	MaxiDura	SP
101	BEARING SEATING	CAST STEEL	FRICITION	MaxiDura	100
102	HOUSING	CAST IRON	FRICITION	MaxiDura	115
103	COPPER BUSHES	COPPER	FRICITION	MaxiDura	130
	CENTRAL REPAIR SHOP				
104	MACHINE BEDS HOUSING	CAST IRON	JOINING	MaxiDura	114/115 SPL
105	CRANE WHEEL	CAST STEEL	ABRASION	MaxiDura	101
106	HOUSING	CAST STEEL	ABRASION	MaxiDura	101
107	WHEEL PUNCH	CAST STEEL	ABRASION	MaxiDura	105
108	SHEAR BLADES	ALLOY STEEL	IMPACT/HEAT	MaxiDura	123+121
109	PUNCH& DIE FOR SLEEPER	ALLOY STEEL	IMPACT /HEAT	MaxiDura	123+121
110	HAMMER PALLETS	MN.STEEL	IMPACT	MaxiDura	10
111	WEIGHING PLATES	CARBON STEEL	ABRASION	MaxiDura	101+100
112	SPINDLE	CARBON STEEL	FRICITION	MaxiDura	101