

THERMAL POWER INDUSTRY

S.No.	APPLICATIONS	BASE METAL	WEAR/DAMAGE	UNI-ALLOY SOLUTION
1	Crusher Hammer	Mn Steel	Abrasion	Unialloy HF 950 / Finweld Hard V
2	Wagon Tippler Gear	Cast Steel	Friction	LH 760 + LH 780 MGS
3	Pump Housing/ Bell Housing	Cast Iron	Friction	LH 410 + LH 480
4	Coal Mill Pulveriser Pinion	Steel	Abrasion	HF 920
5	I.D. Fan Blades	Mild Steel	Erosion	HF 950 / HF 960
6	Coal Burner Tips	Stainless Steel	Heat + Erosion	LH 770 / LH 790 + HF 960
7	Coal Burner Nozzle	Stainless Steel	Heat + Erosion	LH 770 / LH 790 + HF 960
8	Coal Ash Grinder	Mn Steel	Abrasion	HF 950
9	Butterfly Valves	Cast Iron	Erosion	LH 410 + LH 480
10	Water Pump Body	Cast Iron	Erosion	LH 410 + LH 470
11	Diffuse Water Pump	Cast Iron	Erosion	LH 410 + LH 470
12	Impeller Water Pump	Stainless Steel	Erosion	LH 770
13	Turbine Housing	Steel	Breakage	LH 760 + LH 780 MGS
14	Turbine Blade	Stainless Steel	Erosion	LH 720
15	Turbine Diaphragm	Stainless Steel	Heat and Abrasion	LH 720
16	Turbine Rotor Shaft	Alloy Steel	Sheared	LH 760 + LH 780 MGS
17	Pump Impeller	Stainless Steel	Marks	LH 770
18	Springs	Spring Steel	Breakage	LH 790/LH 780 MGS
19	Clinker Grinder	Mn Steel	Abrasion	HF 950 / HF 960
20	Isolating Valves/ Butterfly Valves	Cast Iron	Breakage	LH 410 + LH 480

