

TENTATIVE WEIGHT SCHEDULE for Package 'B' Unit#2

AA: SUMMARY OF WEIGHTS

SN	Description	Wt	Unit	Annexure
1	Structure& Non-Pressure parts:	20983	MT	III-A
2	Pressure Parts:	11499	MT	III-B
3	Rotating Machines:	4404	MT	III-C
4	Insulation	2016	MT	III-D
	TOTAL TONNAGE	38903	MT	

Product Group (PG) Wise Weight Schedule For a Boiler

Annexure – III-A

2.0	STRUCTURE & NON-PRESSURE PARTS		BOILER WT INCLUDING AUX BLR WT (IN MT)
2.1	30	MAIN BOILER ENCL.	332.10
2.2	35	MAIN BOILER STRUCTURES	7200
2.3	36	BOILER MAIN FLOORS, STAIRS & LADDERS ETC.	4680
2.4	38	INTERCONNECTING STRUCTURES & PLATFORMS	1134
2.5	39	COLUMNS & FRAMES FOR DUCTING, FAN HANDLING STRUCTURES ETC.	2461.5
2.6	43	IGNITOR, SCANNER & SEAL AIR SYSTEM	106.2
2.7	45	COAL BURNERS	225
2.8	47	PULVERISED FUEL PIPING & SUPPORTS + CERALIN BENDS	706.5
2.9	48	AIR DUCTS, FLUE GAS DUCTS, DAMPERS, EXPANSION JOINTS/ NMEJS, DUCT SUPPORTS ETC.	3087.00
2.10	50	STEAM COIL AIR HEATER	20
2.11	57	DAMPERS & GATES	999
2.12	81	MISC TANKS (PUMPS,CLEAN DRAIN FLASH TANK/ CW STORAGE TANK, MAKE UP STORAGE TANK ETC)	0
2.13	99*	MISC HANDLING EQUIPMENT	31.5
		SUB TOTAL(IN MT)	20982.8

STRUCTURE &NON-PRESSURE PARTS TOTAL = 20983 MT

SL NO	PRODUCT GROUP	DESCRIPTION OF PG	BOILER WT INCLUDING AUX BLR WT (IN MT)
1.0	PRESSURE PARTS		
1.1	04	SEPERATOR&COLLECTOR VESSELS	72
1.2	05	FURNACE WATER WALL HEADERS	153
1.3	06	FURNACE WATER WALL PANELS	1021.50
1.4	07	FURNACE RISERS, SCREEN TUBES ,MIXING SPHERE, SPIRAL WALL	281.70
1.5	08	BUCKSTAYS & FURNACE GUIDES	1611
1.6	09	SEAL BOXES FOR FURNACE OPENING & INSTRUMENT INSERTS	27
1.7	10	SUPER HEATER HEADERS	400.50
1.8	11	SUPER HEATER COILS	1476
1.9	12	SH SPACER TUBES, SAT. LINKS, DESH & DESH LINKS, SH HANGERS & SUPPORTS	711.90
1.10	15	REHEATER HEADERS	130.5
1.11	16	REHEATER COILS ETC.	792
1.12	17	REHEATER LINKS & SUSPENSIONS	148.5
1.13	18	FURNACE ROOF SKIN CASING	32.40
1.14	19	ECONOMISER COILS, HEADERS & PIPES	3897.90
1.15	20	SOOT BLOWERS	90
1.16	21	SOOT BLOWING STEAM PIPING	38.7
1.17	24	BOILER TRIM PIPING, SAFETY VALVES, SILENCERS, NAME PLATES ETC.	469.80
1.18	28	FURNACE DOORS & FASTENERS	13.5
1.19	41	OIL & GAS BURNERS, IGNITORS ETC.	4.5
1.20	42	LFO/HFO PIPING ,PUMPS & HEATERS	126.9
		SUB TOTAL(IN MT)	11499.30

PRESSUR PARTS TOTAL = 11499 MT

3.0	ROTATING MACHINES		
3.1	52, 48-491, 48-492	ROTARY REGENERATIVE AIR PRE- HEATER	1715
3.2	55 & 56	FD, ID & PA FANS WITH SUB-DELIVERIES / MOTORS	464
3.3	61	COAL MILLS & SUB-DELIVERIES /MOTORS	2084
3.4	65	COAL FEEDERS	60.3
3.5	67	MILL PLANT AUXILIARIES	81
		TOTAL	4404.3

ROTATING MACHINES TOTAL =4404.00 MT

4.0		INSULATION	BOILER WT INCLUDING AUX BLR WT (IN MT)
1.	PG-31	SKIN CASING & COMPONENTS	5.85
2.	PG-32	FIXING COMPONENTS FOR INSULATION	147.60
3.	PG-33	INSULATION WOOL	1737.00
4.	PG-37	OUTER CASING	126.00
		SUB TOTAL (IN MT)	2016.45

TOTAL INSULATION WT -2016 MT

NOTE:

1. Above details are only to give a general idea to the contractor to quote the rates as per rate schedule. Besides PGs indicated above, there is likelihood of addition of new PGs for release of some items integral to Boiler. Contractor is required to carryout such PGs also within their applicable tonnage rate. The decision of BHEL regarding inclusion of new / additional PG in Boiler will be final & binding on the contractor.
2. Certain items like insulation material, cladding, valves etc. may be supplied by other suppliers / BHEL units like PEM etc. and not included in PGMA applicable for Boiler system mentioned above. Such items that are also to be erected as per tonnage rates for the respective systems as mentioned above & as directed by BHEL. No extra claim shall be entertained on this account.