



APPROX. MASS			
CORE & COILS			409,500 kg
TANK & FITTINGS (WITHOUT OIL)			89,660 kg
UNIT COOLER BANKS (WITHOUT OIL)	No. 1~No. 6		18,100 kg
	No. 7~No. 11		15,100 kg
MAIN-TANK OIL (WITH TURRETS)		(157,700 lit)	138,800 kg
UNIT COOLER BANKS OIL	No. 1~No. 6	(2,280 lit)	2,000 kg
	No. 7~No. 11	(1,900 lit)	1,700 kg
O. L. T. C. COMPARTMENT OIL		(2x 250 lit) 2x	220 kg
TOTAL ASSEMBLED, WITH OIL			675,300 kg

±10% TOLERANCE IS APPLIED TO THE MASS.
±5% TOLERANCE IS APPLIED TO THE OIL VOLUME.

NO.	DESCRIPTION	REMARKS	QTY.
1	HV BUSHINGS (OIL-AIR 550 kV- 2500mm)		3
2	LV BUSHINGS (OIL-AIR 36 kV- 31500mm)		3
3	NEUTRAL BUSHING (OIL-AIR 36 kV- 2000mm)		1
4	ON-LOAD TAP-CHANGERS (O.L.T.C.)		2
5	MOTOR DRIVEN MECHANISM FOR O.L.T.C.		1
6	CONSERVATOR FOR MAIN TANK		1
7	CONSERVATOR FOR O.L.T.C.		1
8	UNIT COOLERS		11
9	OIL PUMPS		11
10	OIL FLOW INDICATORS		11
11	OIL TEMPERATURE INDICATOR	*OBAT10CT503	1
12	WINDING TEMPERATURE INDICATORS	LV : *OBAT10CT501 HV : *OBAT10CT502	2
13	RESISTANCE BULB FOR OIL TEMPERATURE		1
14	RESISTANCE BULB FOR WINDING TEMPERATURE		2
15	BIDIRAZOL RELAY	*OBAT10GH501	1
16	PRESSURE RELIEF DEVICES FOR MAIN TANK	No. 1 : *OBAT10GH502 No. 2 : *OBAT10GH503	2
17	PRESSURE RELIEF DEVICE FOR O.L.T.C.	No. 1 : *OBAT10GH504 No. 2 : *OBAT10GH505	2
18	OIL LEVEL GAUGE FOR MAIN TANK CONSERVATOR		1
19	OIL LEVEL GAUGE FOR O.L.T.C. CONSERVATOR		1
20	O.L.T.C. PROTECTIVE RELAY	No. 1 : *OBAT10GH506 No. 2 : *OBAT10GH507	2
21	DEHUMIDIFYING BREATHING DEVICE FOR MAIN TANK CONSERVATOR		1
22	DEHUMIDIFYING BREATHING DEVICE FOR O.L.T.C. CONSERVATOR		1
23	TERMINAL BOX	*OBAT10GE001	1
24	NAMEPLATE (RATING)		1
25	NAMEPLATE (OIL LEVEL FOR MAIN CONSERVATOR)		1
26	NAMEPLATE (OIL LEVEL FOR O.L.T.C. CONSERVATOR)		1
27	LADDER		1
28	LIFTING AND TRANSPORT LUGS		4
29	ROPE GUIDES		4
30	JACKING BOSSSES		4
31	ANCHOR BOLTS		16
32	DRAIN , FILTER AND SAMPLING VALVE WITH CAP FOR MAIN TANK (-50)	NORMALLY CLOSED	1
33	FILTER VALVE FOR MAIN TANK (MAIN TANK COVER) (-50)	NORMALLY CLOSED	1
34	VACUUM VALVE FOR CONSERVATOR (-50)	NORMALLY CLOSED	1
35	DRAIN VALVE FOR MAIN TANK CONSERVATOR (-25)	NORMALLY CLOSED	1
36	BY-PASS VALVE (-25)	NORMALLY CLOSED	1
37	DRAIN VALVE FOR COOLER PIPING OF OIL (-25)	NORMALLY CLOSED	2
38	DRAIN VALVE FOR O.L.T.C. COMPARTMENT (-25)	NORMALLY CLOSED	2
39	FILTER VALVE FOR HV BUSHING TURRET (-25)	NORMALLY CLOSED	3
40	UNIT COOLER BUTTERFLY VALVES (-150)	NORMALLY OPEN	22
41	BUTTERFLY VALVES (-200)	NORMALLY OPEN	4
42	BUTTERFLY VALVES (-50)	NORMALLY OPEN	1
43	GAS MONITOR (Hydram M2-3)		1
44	SHUT OFF VALVE FOR GAS MONITOR (-50)	NORMALLY OPEN	1
45	HV BUSHING TURRETS		3
46	LV BUSHING TURRET		1
47	EARTHING TERMINAL OF MAIN TANK		2
48	HV CURRENT TRANSFORMER TERMINAL BOXES		3
49	LV CURRENT TRANSFORMER TERMINAL BOX		1
50	HV NEUTRAL CURRENT TRANSFORMER TERMINAL BOX		1
51	MANHOLES		-
52	THERMOMETER POCKET FOR OIL TEMPERATURE		1
53	THERMOMETER POCKETS FOR WINDING TEMPERATURE		2
54	CORE AND CLAMP EARTHING BUSHING		1
55	NEUTRAL EARTHING CABLE (250mm ²)		1
56	EARTHING TERMINAL OF NEUTRAL BUSHING		1
57	PARTIAL DISCHARGE MONITOR (BMT330)		1

* = 5 or 6 (Unit5) (Unit6)

REV.	DATE	DESCRIPTION	BY	CHKD	APPRO
5	6. Jan. 22	ISSUED FOR AS-BUILT	T.S.	K.U.	K.S.
4	27. Dec. 21	ADD DESCR	T.S.	K.U.	K.S.
3	19. Nov. 20	REVISED	T.S.	K.U.	K.S.
2	17. Sep. 20	REVISED	T.S.	K.U.	T.C.
1	21. Jan. 19	CHG DESCR, CHG DEL.	M.S.	K.U.	S.S.
0	18. Jan. 19	FOR CONSTRUCTION	M.S.	K.U.	S.S.

OWNER: **PT. Bumi Jati Power**

PROJECT TITLE: **TANJUNG JATI B EXPANSTION (JAWA-4) COAL FIRED STEAM POWER PLANT 2 x 1,000 MW**

OWNER'S ENGINEER: **POYRY**

EPC CONTRACTORS: **Sumitomo Corporation**, **PT. Wasa Mitra Engineering**, **AvantPower Japan Ltd.**

PROJECT DRAWING NO.: **TJB56-L1-OFF-C-BAT-E-DRD-4345**

APP'D: S. SOYAMA S.S. SCALE: 1:75 TITLE: **Outline Drawing for Generator Transformer**

CHK'D: S. OHGURA S.C. UNITS: mm 3RD

BY: K. Igarashi K.I. mm 3RD

EPC LOT SUB-CONTRACTOR: **TOSHIBA** (DRAWING NO. T-3544521 SHEET NO. 1 OF 1)

1200	50	3	525 × +12.50% -16.25% (24P)	26Δ	ODAF
RATING MVA	FREQUENCY Hz	PHASE	HV	LV	TYPE OF COOLING
			TERMINAL VOLTAGES kV		

NO.	DATE	REVISION	CONTENTS
1	Sep. 28, 2017		
2	Dec. 08, 2017		
3	Jun. 15, 2018		
4	Aug. 21, 2018		
5	Oct. 29, 2018		
6	Jan. 18, 2019		
7	Jan. 21, 2019		
8	Sep. 17, 2020		
9	Nov. 19, 2020		
10	Dec. 27, 2021		
11	Jan. 06, 2022		

APPROVED BY: **S. Soyama** Apr. 21, 2017

CHECKED BY: **S. Ohgura** Apr. 21, 2017

DESIGNED BY: **K. Igarashi** Apr. 21, 2017

DRAWN BY: **K. Igarashi** Apr. 21, 2017

株式会社 東芝
TOSHIBA CORPORATION

REGISTERED 2022/01/11 PRESENT TO

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