



REVISIONS					
REV.	DESCRIPTION	ZONE	REVISED	CHECKED	APPROVED
D	REVISED BY THE CUSTOMER'S COMMENT.	D-10	Y.MORI DEC.26.2017	H.KIKUCHI DEC.26.2017	S.MITO
E	ISSUED BY DESIGN PROGRESS.	—	Y.MORI MAY.30.2018	H.KIKUCHI MAY.30.2018	S.MITO
F	ISSUED BY COMMISSIONING RESULTS.	—	Y.MORI JULY.14.2021	H.KIKUCHI AUG.27.2021	Y.OCHI
G	SUBMISSION FOR AS BUILT.	—	Y.MORI FEB.15.2022	Indicated in upper margin	Indicated in upper margin

REFERENCE DRAWINGS

TJB56-L2-OFF-U5-HHA-M-DRD-0001 (KU1-844-097)	[ARRANGEMENT OF BOILER FRONT BURNERS]
TJB56-L2-OFF-U5-HHA-M-DRD-0002 (KU1-844-098)	[ARRANGEMENT OF BOILER REAR BURNERS]
TJB56-L2-OFF-U5-HHA-M-DRD-0003 (KU1-844-099)	[ASSEMBLY DRAWING OF PULVERIZED COAL BURNER (1/2) (WITH OIL BURNER)]
TJB56-L2-OFF-U5-HHA-M-DRD-0004 (KU1-844-100)	[ASSEMBLY DRAWING OF PULVERIZED COAL BURNER (2/2)]
TJB56-L2-OFF-U5-HHA-M-DRD-0005 (KU1-844-101)	[ASSEMBLY DRAWING OF PULVERIZED COAL BURNER (1/2) (WITHOUT OIL BURNER)]
TJB56-L2-OFF-U5-HJA-M-SPC-0001 (ES-(X)TJB)5,6-04-00-0008	[EQUIPMENT DESIGN SPECIFICATION FOR OIL FIRING SYSTEM]

SPECIFICATION OF OIL IGNITOR

TYPE	ELECTRICALLY IGNITED PRESSURE ATOMIZING OIL IGNITOR
FUEL	LIGHT OIL
NOMINAL CAPACITY	290 kg/h
LIGHT OIL PRESSURE	10.8 barg
NFPA CLASS	CLASS 2
QUANTITY	36 SETS/BOILER

SPECIFICATION OF PULSE IGNITOR

TYPE	HIGH ENERGY SPARK IGNITOR
INPUT VOLTAGE	220V (50Hz)
STORED VOLTAGE	DC3000V
STORED ENERGY	2J / SPARK
SPARK RATE	7 SPARK/SEC
NFPA CLASS	CLASS 3 SPECIAL
QUANTITY	36 SETS/BOILER

L I S T (FOR ONE IGNITOR)

No.	N A M E	Q.T.Y	MATERIAL
1	PULSE IGNITOR	1	—
2	OIL ATOMIZER	1	—
3	AIR CYLINDER FOR PULSE IGNITOR	1	φ40x200ST
4	LIMIT SWITCH FOR PULSE IGNITOR (INSERT)	1	NON EXPLOSION-PROOF TYPE
5	AIR CYLINDER FOR IGNITOR	1	φ100x300ST
6	LIMIT SWITCH FOR IGNITOR (INSERT)	1	NON EXPLOSION-PROOF TYPE
7	OUTER SLEEVE	1	SGP,SUS309S
8	COMBUSTION AIR DAMPER	1	SS400
9	HANDLE FOR AIR DAMPER	1	SUS304
10	INNER DAMPER	1	SS400
11	IGNITOR SLEEVE	1	SUS309S
12	PULSE IGNITOR SLEEVE	1	SUS3105TP (TOP),SPT370,SUS304TP
13	ATOMIZER SLEEVE	1	SUS3105TP (TOP),SPT370
14	IMPELLER	1	SUS309S
15	SLEEVE PLATE	1	SS400
16	FLANGE	1	SS400
17	1.5t PACKING	1	NON ASBESTOS
18	φ12.7 PACKING	4	NON ASBESTOS
19	φ6.4 PACKING	3	NON ASBESTOS
20	φ6.4 PACKING	3	NON ASBESTOS
21	SPLAYER PLATE	1	SUS420J2
22	INNER PLATE	1	SUS420J2=
23	NOZZLE BODY	1	SNC631
24	CAP NUT	1	SNC631
25	GASKET	1	TEFLON
26	JOINT WASHER	1	C1100P-1/4H
27	GASKET	1	SILICON

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REV	DATE	DESCRIPTION	BY	CHKD	APPD
4	FEB.15.2022	ISSUED FOR AS BUILT	Y.MORI	H.KIKUCHI	K.KAMEDA
3	JULY.14.2021	ISSUED FOR CONSTRUCTION	Y.MORI	H.KIKUCHI	Y.OCHI
2	MAY.30.2018	ISSUED FOR CONSTRUCTION	Y.MORI	H.KIKUCHI	S.MITO
1	DEC.26.2017	ISSUED FOR CONSTRUCTION	Y.MORI	H.KIKUCHI	S.MITO
0	DEC.22.2017	ISSUED FOR CONSTRUCTION	Y.MORI	H.KIKUCHI	K.KAMEDA

OWNER: **PT. Bhumi Jati Power**

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

OWNER'S ENGINEER: **PÖYRY**

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

PROJECT DRAWING NO.: TJB56-L2-OFF-U5-HHA-M-DRD-0007

ORDER: WBS Doc. CODE: —

ITEM: Project DWG. No. —

TEAM CODE: 116503030000

Drawn: Y.MORI AUG.17.2017

Checked: H.KIKUCHI AUG.17.2017

Approved: S.MITO

Date: AUG.17.2017

Department: **Combustion Engineering Section, Kure Boiler Engineering Department**

Scale: 1:5

DWG. No.: **KU1-844-103**

Rev. G

Sheet No. 1/1

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