

REV	DESCRIPTION	DATE	APPROVED
C	SUBMISSION FOR CONSTRUCTION	DEC-22-2017	H. KHORRAMI K. KOMEDA
D	REVISED BY THE CUSTOMER'S COMMENT	DEC-22-2017	Y. MORA S. WATO
E	ISSUED BY DESIGN PROGRESS	MAY 30-2018	Y. MORA S. WATO
F	ISSUED BY COMMISSIONING RESULTS	JULY 11-2021	Y. MORA S. WATO

REFERENCE DRAWINGS
 TB956-L2-OFF-US-HHA-M-DRD-0001 (KUI-844-087)
 [ARRANGEMENT OF BOILER FRONT BURNERS]
 TB956-L2-OFF-US-HHA-M-DRD-0002 (KUI-844-088)
 [ARRANGEMENT OF BOILER REAR BURNERS]
 TB956-L2-OFF-US-HHA-M-DRD-0003 (KUI-844-089)
 [ASSEMBLY DRAWING OF PULVERIZED COAL BURNER (1/2) (WITH OIL BURNER)]
 TB956-L2-OFF-US-HHA-M-DRD-0004 (KUI-844-100)
 [ASSEMBLY DRAWING OF PULVERIZED COAL BURNER (2/2)]
 TB956-L2-OFF-US-HHA-M-DRD-0005 (KUI-844-101)
 [ASSEMBLY DRAWING OF PULVERIZED COAL BURNER (1/2) (WITHOUT OIL BURNER)]
 TB956-L2-OFF-US-HHA-M-SPC-0001 (ES-VI.18)5.6-04-00-0008
 [EQUIPMENT DESIGN SPECIFICATION FOR OIL FIRING SYSTEM]

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OWNER	REV	DATE	DESCRIPTION	BY	CHKD	APPD
PT.Bhumi Jati Power	3	JULY 11, 2021	ISSUED FOR CONSTRUCTION	Y. MORA	H. KHORRAMI	L. OCH
	2	MAY 30, 2018	ISSUED FOR CONSTRUCTION	Y. MORA	H. KHORRAMI	S. WATO
	1	DEC 22, 2017	ISSUED FOR CONSTRUCTION	Y. MORA	H. KHORRAMI	S. WATO
	0	DEC 22, 2017	ISSUED FOR CONSTRUCTION	Y. MORA	H. KHORRAMI	K. KOMEDA

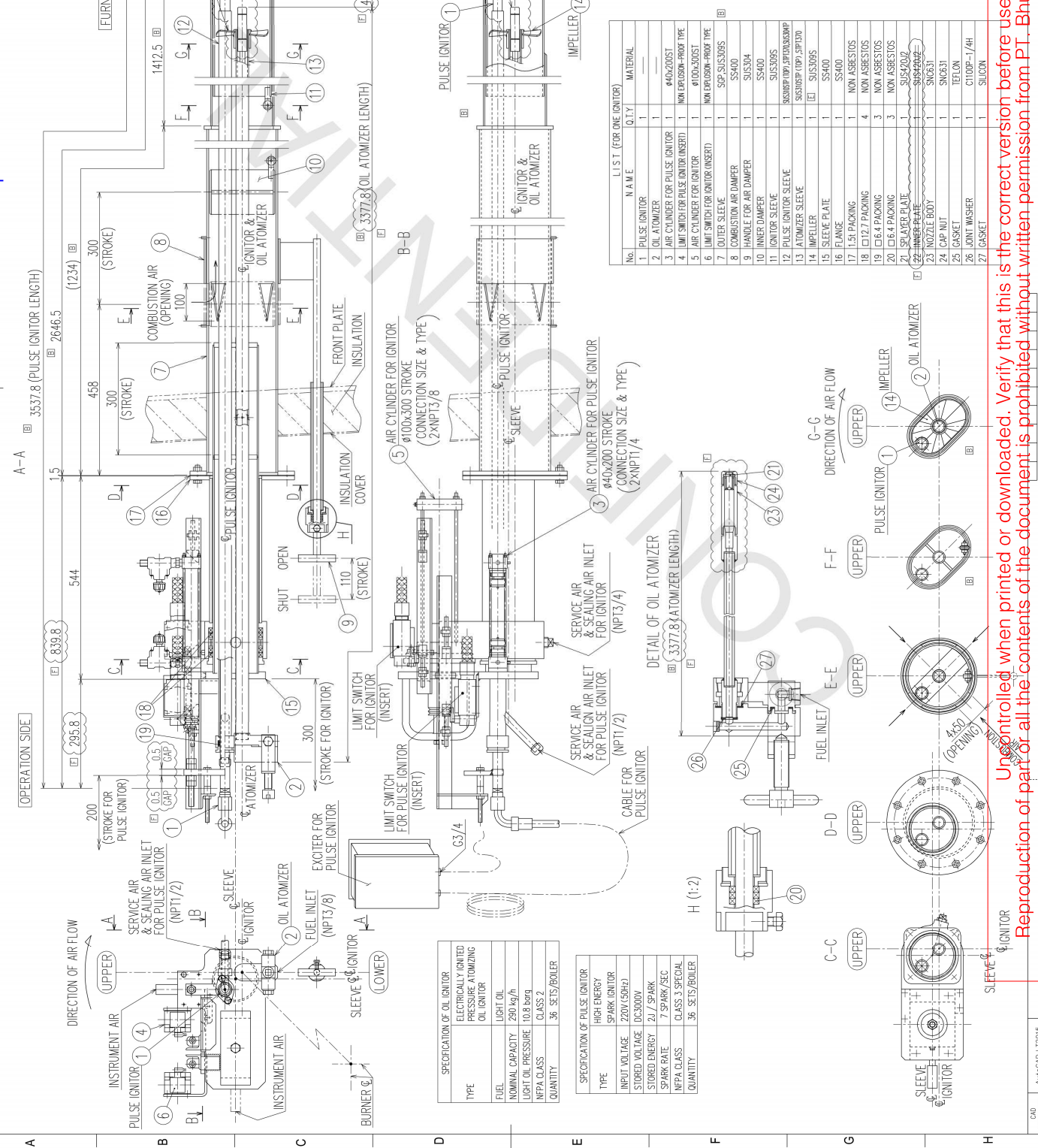
PROJECT TITLE
 TANJUNG JATI B EXPANSION (JAWA-4)
 COAL FIRED STEAM POWER PLANT
 2 x 1,000 MW

OWNER'S ENGINEER
 PPOVRY
Sumitomo Corporation
 PT. Wasa Mitra Engineering
 AvenitPower Japan Ltd.

ORDER	WBS Doc. CODE	REV
TJB56-L2-OFF-US-HHA-M-DRD-0007		3

ASSEMBLY DRAWING OF OIL IGNITOR

Scale 1:5
Sheet No. KUI-844-103
Rev. F 1/1



No.	NAME	Q.TY	MATERIAL
1	PULSE IGNITOR	1	
2	OIL ATOMIZER	1	405/200ST
3	AIR CYLINDER FOR PULSE IGNITOR	1	NON EXPLOSION-PROOF TYPE
4	LIMIT SWITCH FOR PULSE IGNITOR (INSERT)	1	
5	AIR CYLINDER FOR IGNITOR	1	NON EXPLOSION-PROOF TYPE
6	LIMIT SWITCH FOR IGNITOR (INSERT)	1	
7	OUTER SLEEVE	1	SS400
8	COMBUSTION AIR DAMPER	1	SS400
9	HANDLE FOR AIR DAMPER	1	SS400
10	INNER DAMPER	1	SS400
11	IGNITOR SLEEVE	1	SS400
12	PULSE IGNITOR SLEEVE	1	SS400
13	ATOMIZER SLEEVE	1	SS400
14	IMPELLER	1	SS400
15	SLEEVE PLATE	1	SS400
16	FLANGE	1	SS400
17	1.5I PACKING	1	NON ASBESTOS
18	CI2.7 PACKING	4	NON ASBESTOS
19	CI6.4 PACKING	3	NON ASBESTOS
20	CI6.4 PACKING	3	NON ASBESTOS
21	SLAYER PLATE	1	SS400/2
22	INNER PLATE	1	SS400/2
23	NOZZLE BODY	1	SS400/2
24	CUP NUT	1	SS400
25	GASKET	1	TEFLON
26	JOINT WASHER	1	CI10P-1/4H
27	GASKET	1	SILICON

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 ENERGY	DC3000V
SPARK RATE	21 / SPARK
NFPA CLASS	CLASS 3 SPECIAL
QUANTITY	36 SETS/BOILER

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