



108-DA HYDROTREATER		
DES./OPER.TEMP.	°C	405/360
DES./OPER.PRESS.	kg/cm ² G	56/48.3
INSULATION/THICK.	mm	NA
MATERIAL	CS	
DIMENSION (IDx(TL-TL))	mm	3100x2850
VOLUME	m ³	37.8

108-DB/DC DESULFURIZER	
DES./OPER.TEMP.	°C
DES./OPER.PRESS.	kg/cm ² G
INSULATION/THICK.	mm
MATERIAL	CS
DIMENSION	(IDx(TL-TL)) mm
VOLUME	m ³
	3100x495
	53.7

NOTES

1. FOR GENERAL NOTES AND SYMBOLS SEE DRAWING 4A, 4B.
 2. DELETED.
 3. DELETED.

<u>1</u>	<u>RE-ISSUED FOR CONSTRUCTION (AFC-3)</u>	TS	ABA	DV	HOW	ANS	HK	US	S	V	14/11/13
<u>2</u>	<u>RE-ISSUED FOR CONSTRUCTION (AFC-2)</u>	TS	ABA	DV	HOW	ANH	HK	US	L	28/6/13	
<u>3</u>	<u>RE-ISSUED FOR CONSTRUCTION (AFC-1)</u>	TS	ABA	DV	HOW	ANH	HK	US	L	10/6/13	
<u>4</u>	<u>ISSUED FOR CONSTRUCTION (AFC)</u>	EB	ABA	DV	JK	ANH	SHL	US	S	V	26/11/12
<u>5</u>	<u>RE-ISSUED FOR APPROVAL (AFD-1)</u>	EB	ABA	DV	JK	UJ	SHL	US	S	V	29/6/12
<u>6</u>	<u>ISSUED FOR APPROVAL (AFD)</u>	EB	ABA	DV	JK	UJ	SHL	US	S	V	27/6/12

CLIENT NAME : **PUPUK KALTIM**
PT PUPUK KALIMANTAN TIMUR

Engineering Services by
KBR Technical Services, Inc.

2
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF TOYO ENGINEERING CORPORATION.
INCLUDING RESTRICTIONS ON THE EXPORT, SALE, OR TRANSFER OF U.S. COMMODITY CONTROL REGULATIONS,
TO SANCTIONED/EMBARGOED COUNTRIES, ENTITIES OR PERSONS. IT MAY NOT BE EXPORTED OR RE-EXPORTED EXCEPT AS
AUTHORIZED UNDER APPLICABLE U.S. EXPORT CONTROL REQUIREMENTS.

WHICH IT HAS BEEN PROVIDED, IN WHOLE OR IN PART, IN ANY MANNER EXCEPT AS EXPRESSLY
PERMITTED BY TOTO ENGINEERING CORPORATION.

PT. INTIKARYA PERSADA TEKNIK & **TOYO ENGINEERING CORPORATION** | 14 / NOV / 13

CONTRACTOR WORK NUMBER : 10107 / BA096300 / 11-018-01

PIPING & INSTRUMENT FLOW DIAGRAM DESULFURIZATION

SCALE DWG. NO. K5-01-E1-PD-5D-T