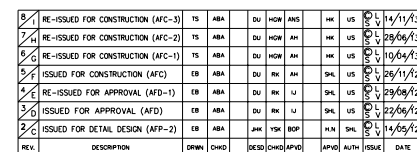


114-F		
αMDEA SOLUTION STORAGE TANK		
DES./OPER.TEMP.	°C	100/37
DES./OPER.PRESS.	kg/cm2G	F.L+125mmH2O/ATM
INSULATION/THICK	mm	NO/-
MATERIAL		CS
DIMENSION	(IDxH)	12000x16500
VOLUME	m3	1866

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



PROJECT NAME : KALTIM-5 PROJECT

PROJECT NAME : KALTIM-5 PROJECT  
2500 MTPD AMMONIA AND 3500 MTPD UREA  
BONTANG, EAST KALIMANTAN, INDONESIA

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

**KBR** Engineering Services by  
KBR Technical Services, Inc.

THIS DOCUMENT/ SOFTWARE CONTAINS TECHNICAL INFORMATION THAT IS SUBJECT TO U.S. EXPORT CONTROL REGULATIONS, INCLUDING RESTRICTIONS ON THE EXPORT, SALE OR TRANSFER OF U.S. ORIGIN ITEMS (GOODS, TECHNOLOGY OR SOFTWARE) 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.

THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO KELLOGG BROWN & ROOT. THIS INFORMATION IS TO BE HELD IN CONFIDENCE. NO DISCLOSURE, REPRODUCTION OR OTHER USE OF THIS DOCUMENT IS TO BE MADE WITHOUT THE PRIOR WRITTEN CONSENT OF KELLOGG BROWN & ROOT.

THIS DRAWING EMBODIES PROPRIETARY INFORMATION OF TOYO ENGINEERING CORPORATION. THIS DRAWING OR THE MATERIAL DESCRIBED THEREON MAY NOT BE COPIED OR DISCLOSED IN ANY FORM OR MEDIUM TO THIRD PARTIES, OR USED FOR OTHER THAN THE PURPOSE FOR WHICH IT HAS BEEN PROVIDED, IN WHOLE OR IN PART IN ANY MANNER EXCEPT AS EXPRESSLY PERMITTED BY TOYO ENGINEERING CORPORATION.	ABBR. FOR ISSUE C=CLIENT L=LICENSEE S=SITE U=UNION
--	--

CONTRACTOR :		V=VENDOR
 <b>PT. INTI KARYA PERSADA TEKNIK</b> PT. INKAPERSA TEKNIK		ISSUE MARK
 <b>Toyo ENGINEERING CORPORATION</b>		1

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

PIPING & INSTRUMENT FLOW DIAGRAM  
oMDEA SOLUTION STORAGE TANK

SCALE	$\propto$	DWG. NO.	K5-01-E1-PD-5AE-T
-------	-----------	----------	-------------------

DOC. NO.	K5-01-E1-PD-032-T	SHEET 032/073	REV.8
----------	-------------------	---------------	-------

111-J		
σMDEA TRANSFER PUMP		
SEAL PLAN 11		
DESIGN CAPACITY	m <sup>3</sup> /h	80(RATED)
SUCT./DISCH.	kg/cm <sup>2</sup> G	1.41/6.4
HEAD/NPSHR	m	62/2.5
TYPE OF SEAL		MECH. SEAL
POWER	KW	21.55
MAT. CASING/IMPELL.		A251 CF3/A351 CF3