

EQUIPMENT DATA SHEET

ITEM NO :T-5231

SERVICE :Crude Acetaldehyde Tank

JOB NO. : K-3864

DESCRIPTION : 150,000 MTA KVAM PROJECT

CLIENT : ASIAN ACETYL CO., LTD.

FOR CONSTRUCTION

◇		
◇		
◇		
◇		
◇	S. H. LEE	Jan 20 '95
◇		
REV. NO.	APPROVED BY	DATE
CLIENT APPROVAL		

1	95.6.9	T.K. V. mnd	H. d. /- 6/1	764 6/10	K.B. d	FOR CONSTRUCTION
0	95.2.23	T.K. V. mnd	H. d. /- 6/1	764 6/10	K.B. d	FOR APPROVAL
REV	DATE	MADE	CHECKED	APPROVED	PM	DESCRIPTION

[illegible]

JOHN BROWN

PROCESS SPECIFICATION
VESSELS

PREP. BY	T.K. Kim	T.K. Kim
CHKD. BY	H. Ch. Lee	H. Ch. Lee
APPROVED	<i>[Signature]</i>	<i>[Signature]</i>
DATE	95.2.23	95.6.9
ISSUE	0	

CLIENT ~~SSBP~~ ASACCO

PROJECT NO. K-3864

LOCATION ULSAN - KOREA

ITEM NO. T-5231

NO. OFF / ONE

PLANT VAM

SERVICE CRUDE ACETALDEHYDE TANK

SECTION/AREA DISTILLATION / 200

ISS

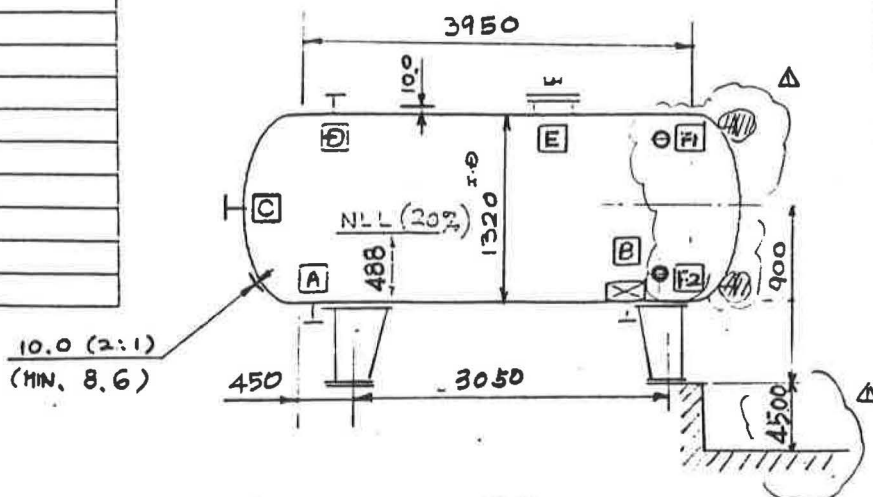
SHEET 1 OF 1

DESIGN DATA	UNITS	VESSEL	JACKET/COIL
CAPACITY GROSS	m ³	6.0 (NOMINAL)	
PERCENTAGE FILL		90	
INSIDE DIAMETER	mm	1320	
LENGTH/HEIGHT	mm	3950	
TYPE OF TOP HEAD			
TYPE OF BOTTOM HEAD			
INSULATION THICKNESS	mm	NONE	
MATERIAL OF CONSTRUCTION		CS	
CORROSION ALLOWANCE	mm	NOTE 3	
LINING		NONE	
TYPE OF DUTY		HOLDING TANK	
HORIZONTAL/VERTICAL AXIS		HORIZONTAL	
OPERATING CONDITIONS			
FLUID HANDLED		ACETALDEHYDE	
FLAMMABLE/EXPLOSIVE		YES	
TOXIC		YES	
CORROSIVE/EROSIVE DUE TO			
DENSITY	kg/m ³	763	
OPERATING PRESSURE	kg/cm ² g	1.8	
MECH. DESIGN PRESSURE (1)	kg/cm ² g	5.0 FV @ 80 C	
OPERATING TEMPERATURE	°C	37	
MECH. DESIGN TEMPERATURE	°C	80 NOTE 2	
MIN. AMBIENT OR BUILDING TEMP.	°C	-19	
DETAILS OF INTERNALS			

BRANCHES			
	SIZE	NO. OFF	FUNCTION
A	50	1	LIQUID INLET
B	50	1	LIQUID OUTLET
C	50	1	UTILITY CONN.
D	140	1	VENT
E	500	1	MANHOLE
F	50	2	LEVEL BRIDLE
G			
H			
J			
K			
L			
M			
N			

NOTES.

- (1) DESIGN PRESSURE AT TOP OF VESSEL
- (2) Steam out at 150 °C.
- (3) ~~Steam out at 150 °C.~~ DELETED.
- (4) Insulation Classification : None.



PR634 / REV1 (FDP5) - BP



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