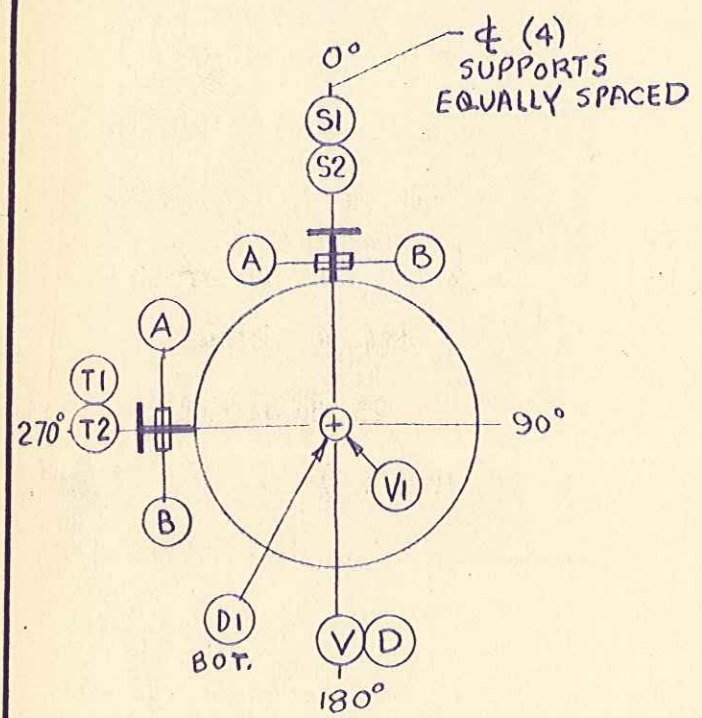


TOP VIEW  
ITEM N<sup>o</sup> E-4205-2A



TOP VIEW  
ITEM N<sup>o</sup> E-4205-2B

B.P.F. NO. 42317 DATE 8/18/72  
 SHEET 1 APPARATUS NO. E-4205-2A  
 PROJECT & ACCOUNT 26035 2027  
 ORDER NO. 336-026-35043  
 PLANT HANOVER  
 APPROVED *H. G. Schober*

THIS IS AN OUTLINE DRAWING GIVING ONLY BASIC DESIGN DATA AND THOSE DIMENSIONS CRITICAL TO INSTALLATION. DETAILS FOR FABRICATION, INSPECTION, PAINTING, CODING, ETC. ARE SHOWN ON SHOP DRAWINGS.

CODE ASME SECT. VIII, DIV. I SYMBOL "U" TEMA "B"

DESIGN CONDITION	SHELL SIDE	TUBE SIDE
DESIGN PRESSURE	75 PSIG	75 PSIG
DESIGN METAL TEMP.	350°F	350°F
CORROSION ALLOW	1/8"	0"
RADIOGRAPH	SPOT PER UW-52	SPOT PER UW-52
POSTWELD H.T.	NONE	NONE
BASIC MATERIAL	CARBON STEEL	S. S. TP. 316
GASKET MATERIAL		316 S.S. SPIRAL WOUND

CONNECTION SCHEDULE

MARK	SIZE	RATING	FACING	TYPE	SERVICE
S1	20"	150#	R.F.	S.O.	SHELL INLET
S2	6"	150#	R.F.	S.O.	SHELL OUTLET
T1	14"	150#	R.F.	S.O.	CHANNEL INLET
T2	30"	SPECIAL		L.J.	CHANNEL OUTLET
D, D1	1"	3000#	N.P.T.	CPLG	DRAIN (PLUGGED)
V, V1	3/4"	3000#	N.P.T.	CPLG	VENT (PLUGGED)
A	3/4"	3000#	N.P.T.	CPLG	P.G. (PLUGGED)
B	3/4"	3000#	N.P.T.	CPLG	T.W. (PLUGGED)

ESTIMATED WEIGHTS

EMPTY	BUNDLE	FULL (WATER)
24,500 LBS		43,200 LBS

NOTES:  
 BOLT HOLES OF ALL FLANGES STRADDLE MAIN Ø'S  
 #104205  
 #104206  
 \*100# PER USAS B16.30-1969

CUSTOMER REFERENCES  
 P.O. No. 026-35043  
 ITEM No. E-4205-2A & -2B  
 SPEC'S TEMA TYPE GEN  
 TWO (2) UNIT(S) REQUIRED

ISSUE	DATE	BY	CHK'D.	REVISION	CERT.
B	2-28-72	A.J.T.	T.W.	DELETE CONN RV, ADD SUPP'T LOC. REV'D EXP. JOINTS & FLANGE O.D.	
A	2-3-72	A.J.T.		REV'D PER CUST. MK'D UP PRINT 1-31-72 H. SCHOBBER CALL 2-7-72	



**INDUSTRIAL PROCESS ENGINEERS**  
 8 LISTER AVE. NEWARK, N. J.

SETTING PLAN  
**METHANOL STILL REBOILER**

HERCULES INC., HANOVER PROJECT WILMINGTON, DELAWARE

CONTRACT  
1685

MADE	CHECKED	SCALE	CERTIFIED	DRAWING NO.	REV.
A.J.T.	J.E.		<i>H.G. Schober</i>	C-6900-1	B
1-24-72	1-24-72		1-25-72		