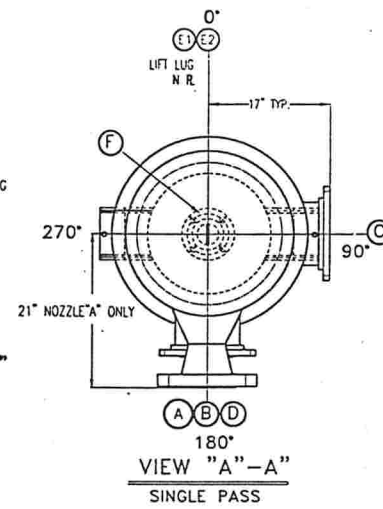
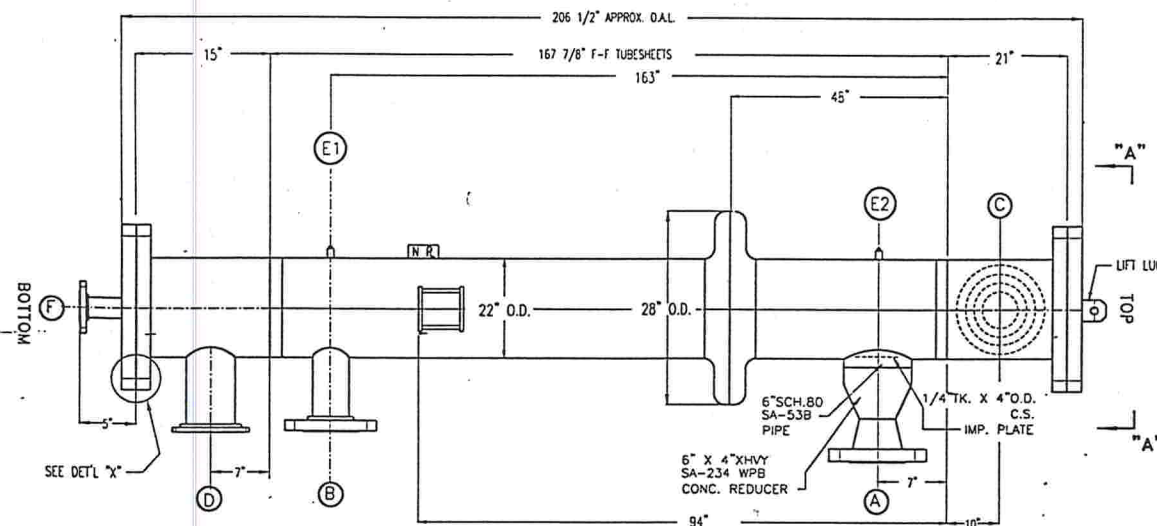


GENERAL NOTES

- CONSTRUCTION TO COMPLY WITH A.S.M.E. CODE SECTION VIII, DIV 1 LATEST EDITION.
- A.S.M.E. STAMP & NAT'L BD. INSPECTION
☒ YES ☐ NO
- TEMA CLASS "R", TYPE "NEN"
- 832 SQ. FT. HEAT TRANSFER SURFACE AREA
- ALL BOLT HOLES TO STRADDLE CENTERLINES.
- SEE VIEW "A-A" FOR TRUE NOZZ. ORIENTATION.
- ALL DIMENSIONS ARE IN INCHES.
- WEIGHT: 4779 LBS. EMPTY
7265 LBS. FLOODED
- PAINT: (C.S. ONLY)
A) SURFACE PREPARATION: SANDBLAST PER SSPC-SP6
B) PRIMER: CARBOZINC-11 3 MILS DFT
- DYE CHECK ALL C-276 WELDS

MECHANICAL DESIGN CONDITIONS	SHELL SIDE	TUBE SIDE
DESIGN TEMPERATURE, °F	450	350
MIN.DESIGN METAL TEMP.,°F	20	20
DESIGN PRESSURE, PSIG	200	FV/50
TEST PRESSURE, PSIG	300	76
CORROSION ALLOWANCE	1/8"	-
RADIOGRAPHY	-	-

CUSTOMER KOCH PROCESS TECHNOLOGIES INC.	
ADDRESS: 1055 PARSIPPANY BLVD PARSIPPANY, NJ 07054	
P.O. No.	33205
REFERENCE:	-
TAG:	HE-7003
RUBICON MODEL No.:	SC22C1-168VE
RUBICON SERIAL No.:	2609-3
No.Req'd:	ONE(1)
JOB No.:	J-1112-3

ITEM	MAT'L SPEC	SIZE & DESCRIPTION	MARK	FLG & FITTING SPECIFICATIONS	NECK SPECIFICATIONS	SERVICE	REMARKS
SHELL	SA-538	22"O.D STD.WT. (.375"NOM.TK.)		SIZE, RATING & TYPE	SIZE & SCH.		
TUBESHEETS	SA-575 C-276	22"O.D X 1 1/32TK.	A	4"-300# RFWN SA-105		STEAM IN	WITH CONC. REDUCER
TUBES	SB-626 C-276	(230)-1"O.D. X16 BWG 14"-0" NOM. LG ON 1 1/4" TR. PT.	B	3"-300# RFSO SA-105	3"SCH.160	COND. OUT	
CHANNEL FLG	SA-516-70	26 3/8"O.D X 22 1/8"D. X 1 1/2"TK WITH 3/16"TK. C-276 FACE	C	10"-150# RFSO SA-105	10"SCH.105	OUT	WITH 1/8"TK C-276 FACE
CHANNEL CYL.	SB-575 C-276	22"O.D X 3/16"TK.	D	6"-150# RFSO SA-105	6"SCH.105	IN	WITH 1/8"TK. C-276 FACE
CHANNEL COV.	SA-516-70	26 3/8"O.D X 1 3/8"TK WITH 5/16"TK. C-276 FACE	F	1"-150# L.J. SA-105	1"SCH.40	DRAIN	W/5"LG. STUB END C-276
BAFFLES	C.S.	SEGMENTAL TYPE 7 1/4"NOM. PITCH 45% HORIZ.CUT (18 REQ'D)	E 1-2	3/4"-3000# HCPG SA-105	-	VENT/DRAIN	WITH PLUG
GASKETS	GUYON 3510	1/16"TK.					
BOLTING	SA-193/B7/194/2H	ZINC PLATED					
SHELL SUPPT'S	A-36	AS PER RUBICON R-100 TYPE "C"	2	REVISED PER CUSTOMER NOTES/CERTIFIED		04/17/98	Y.P.
EXP. JNT	SA-516-70	28"O.D. X 3/8"TK. FLANGED & FLUED HEADS	1	ISSUED FOR FABRICATION/CERTIFIED		03/27/98	Y.P.

RUBICON INDUSTRIES CORP.
848 E. 43rd ST., BROOKLYN, N.Y. 11210

DRN. Y.P. DATE 03/10/98