



REV 1: CHANGE PIPE SCH. TO 100, CERTIFY FINAL PR 2/4/09
 REV 0: SUBMITTED FOR APPROVAL PR 12/19/08

MACHINING	DRILL	REAM	SPECIAL
TUBE HOLE	0.9375	1.010	±0.002 DG
PLUG HOLE	1.0312	# SF 1.375	TAP 1.0000
NOZZLE IN (2)	10.00	# 150	# RF SCH 100
NOZZLE OUT (2)	10.00	# 150	# RF SCH 100
VENT (1)	1-6000	DRAIN (1)	1-6000
HEAT TREAT	1150	DEG. F	60 MIN.
RADIOGRAPH	API-661	10	INCH SHOT
WEIGHT	4100		

INLET INLET	TUBE COVER	PLUG	1.0000	166.8125	9.1250	NONE
INLET END	TUBE END	PLUG	0.6250	9.0625	7.3125	ALL SIDES
RETURN TUBE	TUBE COVER	PLUG	1.0000	166.8125	9.1250	NONE
RETURN END	TUBE END	PLUG	0.7500	166.8125	9.0625	LONG SIDES
RETURN END	TUBE END	PLUG	0.6250	9.0625	7.3125	ALL SIDES

MATERIAL PLATE	SA-516 GR-70	NORM
FLG	SA-105	
PIPE	SA-106B	STOCK STOCK
CPLG	SA-105	
WELD PROCEDURES		
PIPE-FLG	GWPOIHT/FWPOIHT	
FLG-HEAD	GWPOIHT/SWPOIHT	
HAND WLD	GWPOIHT/FWPOIHT	
AUTO WLD	AWPOIHT/	
PLATE TOLERANCES	±1/16"	

TUBES	286	TF	72	ROWS	4	PASS	1	LGTH	552	IN.
TUBE DD	1.000	X	0.083	MATL	SA-214	WLD				
FIN TYPE	L-TENSION			100	-	0.625	-	ALUM		
PLUG QTY	572	TYPE	A105	-	1822					
GASKET	CS	-	1813							
EXPANDER	0.8340	LENGTH	14.0000							
FRAME -THICK	0.3125									
LENGTH	574	IN.	DEPTH	17.2500	X	3				
SUPPORT-	9	BINDER-	9	CLOSER-	4	166.438				
SUPPORT TYPE		-	SCALLOPED CHANNEL							
STAPLED ENDS										
F.FOOT:	12' X	4.5625'		B.FOOT:	12' X	4.5625'				

STOCKO	TEST PRESSURE:	241	TIME:	60	MIN.	W/ CHART
STOCKO	HEADS:	WHITE METAL BLAST CLEAN				
STOCKO		w/ 1 metalize				
STOCKO	FRAME:	HAND TOOL CLEAN				
		w/ 1 galvanize				
	COIL VOLUME:	63	CUBIC FEET			
	DESIGN TEMP:	345	F			
	DESIGN PRESSURE:	185	Psig			
	MDMT:	-30	F			
	CORROSION ALLOWANCE:	0.1250				
	CERTIFIED:	P. Rogers	DATE:	2/4/09		
	TOLERANCES	LENGTH & WIDTH	±0.125"	PER	10'	-0
	TUBE PROJECTION	API	661			

	AIR COOLED DIVISION					
	BUNDLE DETAILS					
APPRV	REV 1	12	-	18	-	2008
SERVICE	:	HT WATER AIR COOLER				
ITEM	:	2IPRO-E-2105				
MFG	WELD	FIN	ASMBL	STRUC	INSP	CUST
1	2		2	1	1	0
QTY	3	WEIGHT	24900	2008	B 701	1