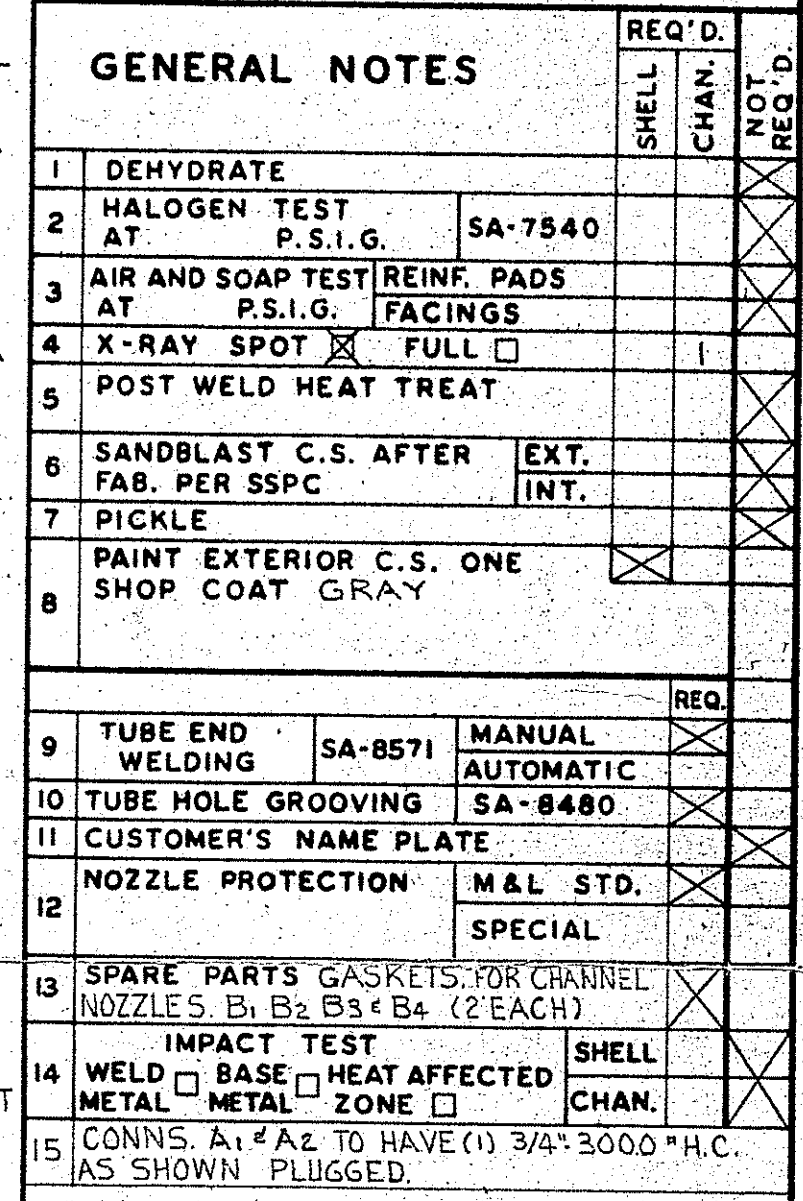
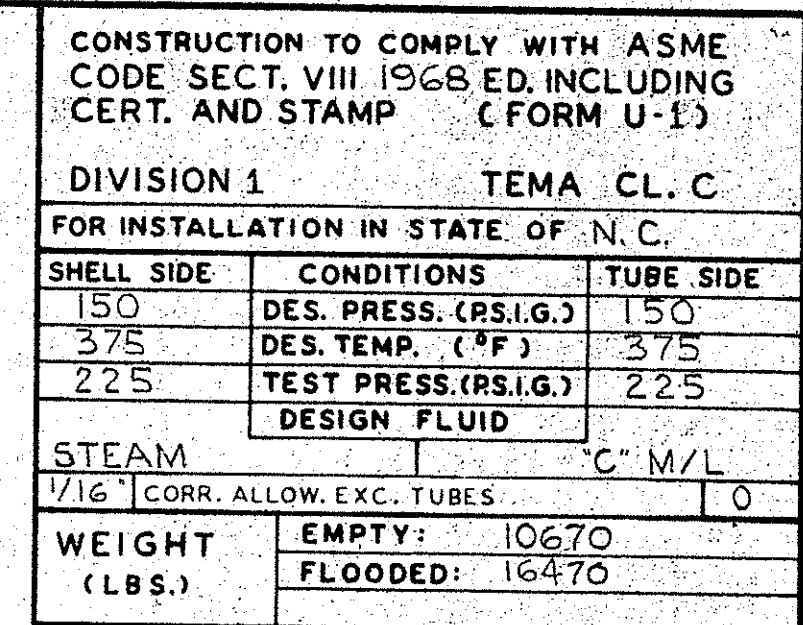




PART		CARBON STEEL						STAINLESS						PART		C S				SS				MATERIAL NOTES		NOZZLE SCHEDULE								CUSTOMER:HERCULES INC. P.O. NO.:336-026-15009-08-001-ECD ENGINEERS: NO. OF UNITS REQUIRED: TWO (2) M & L SERIAL NO.: 5847 NAT'L. BD. NO.: 3049 TAG: EQUIP. NO. E-414-3 EQUIP. NO. TO BE PAINTED ON SHELL 2" HIGH MIN.																	
SA 53 108 285 8 B C		SA 515 181 70 C		SA 108 11		SA 312 240 162		STL 304		SA 285 170 213 C		SA 240 162		ELC		SA 285 170 213 C		SA 240 162		ELC		A STAINLESS STEEL ELC (EXTRA LOW CARBON) (0.03% CARBON MAX.)		MK. SIZE RTG. FACE TYPE NECK REMARKS SERVICE		A1 10 150 RF 5.0 5/40 INLET		A2 3 150 RF 5.0 5/80 OUTLET		A3 3/4 3000 HC PLUGGED VENT		A4 3/4 3000 H.C. PLUGGED DRAIN																			
BARREL		UNIT FLANGE		FORMED HEAD		NOZZLE NECK		NOZZLE FLG.		EXP. JOINT		CONC.		REINF. PAD		SCR. FTGS.		WELD FTGS.		TUBE SHT.		TUBES		C S		SS		SA 285 170 213 C		SA 240 162		ELC		B SA 312 IS WELDED PIPE UNLESS INDICATED BY "S" (FOR SEAMLESS).		C THE LETTER "F" INDICATES FACING OF MATERIAL UNDER WHICH IT APPEARS.		D SA 53 GR. B IS SEAMLESS PIPE.		E STAINLESS STEEL NOZZLES THROUGH 6" IPS MADE FROM PIPE OVER 6" IPS MADE FROM PLATE		B5 1 3000 HC PLUGGED VENT		B4 2 150 R.F. 5.0 5/80s DRAIN		B3 4 150 R.F. 5.0 5/40s SEE DET FEED		B2 20 150 R.F. 5.0 1/4 SEE DET OUTLET		B1 10 150 R.F. 5.0 1/4 SEE DET INLET	
GASKETS		COMB. ASBESTOS		SHELL CHAN.		DBL. JKT. ASB.		SPIRAL WOUND		PACKING		MISCELLANEOUS		CS		SS		BAFFLES		TIE RODS/SPACERS		IMPINGEMENT BAF.		PASS PARTITIONS		UNIT SUPPORTS		SUPPORT PAD		BACK-UP STRIP		SEALING STRIPS		SS 302		NO. 5 PITCH: 23/4		NO. 778 LG: 12' 0"		DIA. 31 1/16 CUT: 45 %		O.D. 3/4 PITCH: 1" Δ		TK. 3/8 CUT: V *		BWG: 16 PASSES: 1					
BARREL		UNIT FLANGE		FORMED HEAD		NOZZLE NECK		NOZZLE FLG.		COVER		REINF. PAD		SCR. FTGS.		WELD FTGS.		TUBE SHT.		TUBES		C S		SS		SA 285 170 213 C		SA 240 162		ELC		B SA 312 IS WELDED PIPE UNLESS INDICATED BY "S" (FOR SEAMLESS).		C THE LETTER "F" INDICATES FACING OF MATERIAL UNDER WHICH IT APPEARS.		D SA 53 GR. B IS SEAMLESS PIPE.		E STAINLESS STEEL NOZZLES THROUGH 6" IPS MADE FROM PIPE OVER 6" IPS MADE FROM PLATE		B5 1 3000 HC PLUGGED VENT		B4 2 150 R.F. 5.0 5/80s DRAIN		B3 4 150 R.F. 5.0 5/40s SEE DET FEED		B2 20 150 R.F. 5.0 1/4 SEE DET OUTLET		B1 10 150 R.F. 5.0 1/4 SEE DET INLET			
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