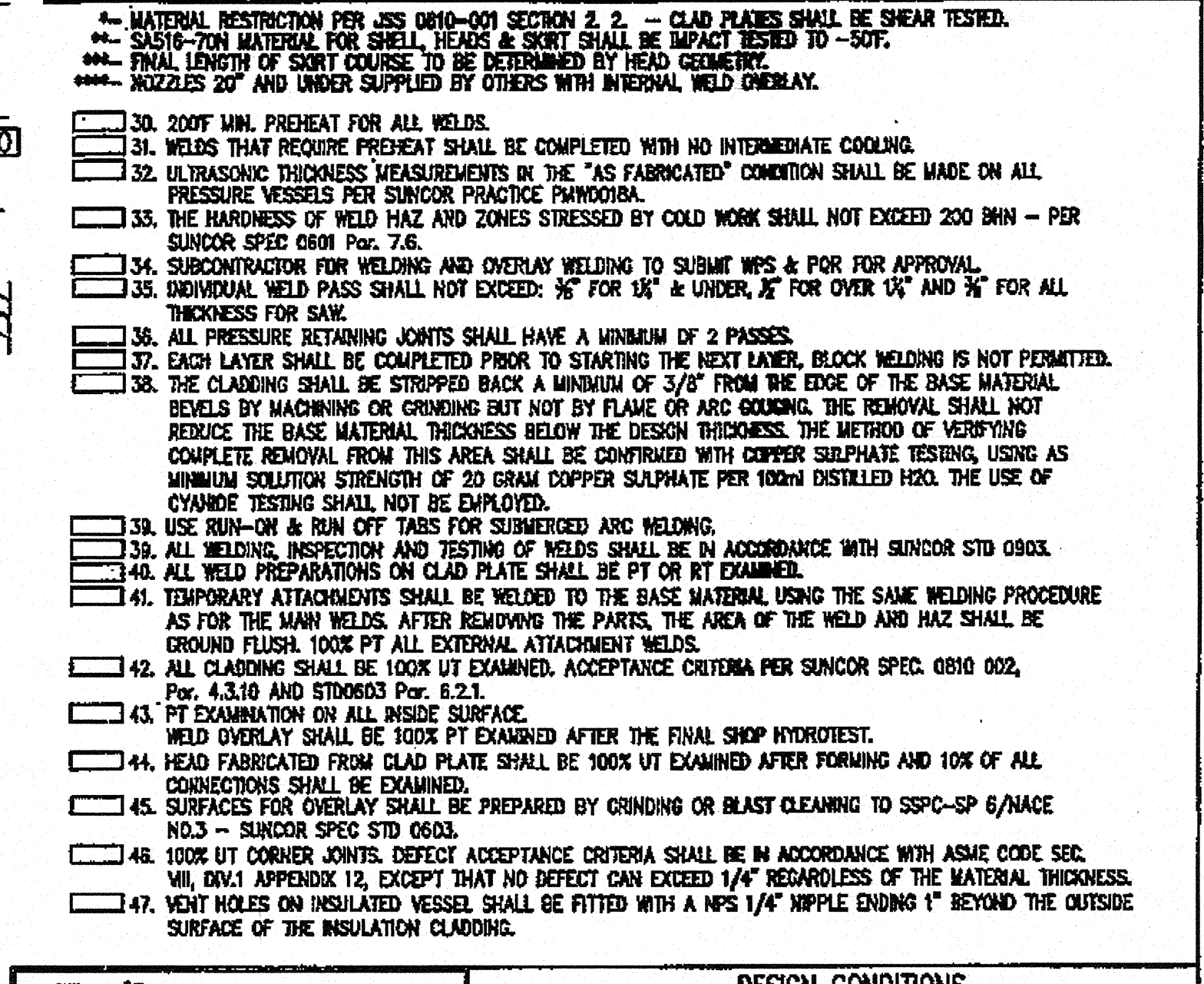
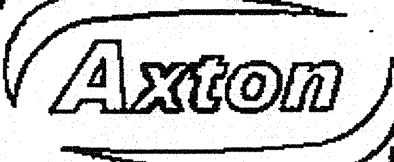




-
- (16) ANCHOR CHAIRS, EQUALLY SPACED STRADDLING VESSEL CENTERLINES
- 0° 11.25° 22.5° TYP. 45° 90° 180° 270°
- GROUNDING LUG 2 1/2" 1 1/2" 5/8"
- BASE RING - SEE ANCHOR CHAIRS DETAIL, DWG 69847A03
- 5'-4" N30B, N31B, N32B 5'-2" N30A, N31A, N32A
- 315° 290° 270° 250° 225° 202.5° 200° 180°
- 0° 12" 22.5° 45° 90° 135° 180°
- SS1 N3 N4 BTM N5 TOP N1 SA N2 N30B N32B N32A N30A N31A N31B N32B
- 5'-10" 5'-4" 2'-3" 6'-10"
- DAVIT SEE DETAIL DWG 69847A04
- PROFESSIONAL ENGINEER ALBERTA RESONG
- SUNCOR ENERGY
- DWG No. 69847A03 Rev. 1.0
- DATE: 10/10/2003
- BY: [Signature]
- CHECKED: [Signature]
- GROUP No. 10000000000000000000
- SAP No. 10000000000000000000
- P.O. No. 10000000000000000000
- TECHNICAL REVISION N
- TABLE
- 8 AS BUILT

DESIGN CONDITIONS			
Design Specific Gravity	1.00		
Design Pressure (External)	0 psig		
Design Pressure (Internal)	501 psig		
Design Temperature	300°F		
Corrosion Allowance	N/A		
Type of Heads	2:1 S.E.		
Stress Relief	NONE - (SEE NOTE 26)		
Radiography	Shell Long Seam	Full UW-11(c)	
	Shell Circ. Seam	Full UW-11(c)	
	Head to Shell	Full UW-11(c)	
	Nozzles	Full UW-11(c)	
Joint Efficiency	Shell Long Seam	1.00	
	Shell Circ. Seam	1.00	
	Head to Shell	1.00	
	Nozzles	1.00	
Hydrostatic Test Pressure	652 psig		
Hydrostatic Test Temp.	40°F to 100°F		
M.A.W.P.	501 psig @ 300°F		
Min Design Metal Temp.	-20°F @ 501 psig FOR VESSEL, -49°F FOR SKIRT		
Impact Test Per	UCS-66 (c)		
In Sour Service	NO		
In Hydrogen Service	NO		
DESIGN & FABRICATION		MISCELLANEOUS	
CODE	ASME SECTION VIII, DIV. 1, 2004 Edition, 2006 Addenda		
Registration	ABSA	Empty Weight (no insul.)	79,823 lbs
TEMA Class	-	Operating Weight (Vessel only)	132,300 lbs
Customer Spec.	SEE NOTE 3	(Vessel no head or skids)	176,700 lbs
WEIGHT: 81,742 lbs. (This Dwg)	CALC. REV: 05	DOC. CODE: 1D01	
REF. DWG: DD208-C-5-1 Rev.1B	P.O.# 3005SH0005	DOC. CODE: 3W04	
MANUFACTURED BY		DELTA, B.C., CANADA	
			
INCORPORATED			
DUST:	TECHNIP USA CORPORATION (TECHNIP)		
	FOR SUNCOR 220 MMSCFD HYDROGEN PLANT FORT McMURRAY, ALBERTA		
TITLE:	206C-104 PROCESS CONDENSATE SEPARATOR 8'-6" I.D. x 24'-4" T/1 GENERAL ARRANGEMENT		
SCALE	DATE	DRAWN BY:	
NONE	04/15/07	Y. S	
CHECKED BY:	APPR. BY:	CAD FILE 0847A01-4-4a Building	REV.
FW		DWG #: 69647A01	
DATE:	DATE:		
07/10/07	-	1 of 4	