



SPOOL TAG DATA	
SUNCOR TAG No.:	300D-6A
SPOOL No.:	
LINE No.:	
DWG# / VP:	
NOMINAL SIZE:	30"
COMPOSITION:	STEEL CASING, HCWI LINER
MANUFACTURER:	PENTICTON FOUNDRY / ALCO
FABRICATION DATE:	MM/DD/YYYY

DESIGN CODE:	ASME B13.3
SERVICE / SPEC.:	
DESIGN PRESSURE:	532 psig (3,670 kPag)
DESIGN TEMPERATURE:	80°C
TEST PRESSURE:	N/A
WEIGHT EMPTY:	2,390 lbs. (10.63 kN)
WEIGHT FILLED:	N/A
REF. ISO:	
LINE No.:	
SPOOL No.:	

BILL OF MATERIAL			
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION
1	1	A1-19010-100-02 HCWI nozzle insert	30" HCWI NOZZLE, ASTM A532 CLASS III TYPE A, PF#
2	1	A1-19010-100-01 30in CL300 RFBL flange	Ø30" CLASS 300 RFBL FLANGE, A105N, ASME B16.47 Ser.A - CUSTOM
3	1	A1-19010-100-03 Tab - SHORT	4" x 1 1/2" x 1/2" PLATE, A516 Gr.70
4	1	A1-19010-100-04 Tab - LONG	4" x 1 1/2" x 1/2" PLATE, A516 Gr.70
5	2	ANSI B18.3 - 3/4-10 UNC x 0.75	3/4"-NC x 3/4" SOCKET HEAD SET SCREW, FLAT POINT, Gr.5

REVISION HISTORY		
REV	DATE	DESCRIPTION
A	4/05/19	ISSUED FOR REVIEW

EST. WT. 2,390 lbs.	
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 0.1" R. 0.01" INTERPRET DWG PER ANSI Y14.5 STANDARD.	
TOLERANCES:	
X	± 0.118
X.X	± 0.050
X.XX	± 0.015
X.XXX	± 0.005
ANGLES	± 1/2°
125/	FINISH ON ALL MACHINED SURFACES

DO NOT SCALE	
DRAWN BY:	DATE:
GVD	4/05/19
CHECKED BY:	DATE:
APPROVED:	DATE:
MATERIAL & HEAT TREAT	

Manufacturer Name: PENTICTON FOUNDRY	
Manufacturer Part No.: PENTICTON FOUNDRY	
Vendor Name: PENTICTON FOUNDRY	
Suncor Material Master:	
ALCO ALCO Industrial	
11650 - 156 Street, Edmonton, Alberta, Canada T6M 3T5 Phone: (780) 451-6222 • Fax: (780) 452-4355	
TITLE	
INSERT FOR NOZZLE N6 (300D-6A, 300D-6B) FORT HILLS / SUNCOR	
PROJECT NAME	REFERENCE
A1-19010	DD300-L-86-1
DWG / PART NO.	REV.
A1-19010-100-00 300D-6A -6B insert.idw	A
	SHEET 1 OF 1