



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	A1-19010-200-02 HCWI nozzle insert	30" HCWI NOZZLE, ASTM A532 CLASS III TYPE A, PF#
2	1	A1-19010-200-01 30in CL300 RFBL flange - thinned	Ø30" CLASS 300 RFBL FLANGE, A105N, ASME B16.47 Ser.A, 50mm THICK
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
B	6/18/19	DIMENSION WAS 1 5/8"

SUNCOR TAG #300D-6A/B

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY BE USED FOR ANY PURPOSE OR IN ANY MANNER WITHOUT THE WRITTEN PERMISSION FROM ALCO AND/OR ITS DIVISIONS	EST. WT. 1,560 lbs.	DO NOT SCALE	
	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 0.01" OR GR-45° RADIUS 0.01" R. 0.01" INTERPRET DWG PER ANSI Y14.5 STANDARD.	DRAWN BY: GVD	DATE: 6/18/19
	TOLERANCES: X.X = ±.118 X.XX = ±.050 X.XXX = ±.015 X.XXX = ±.005 ANGLES = ±.12°	CHECKED BY:	DATE:
	125/✓ FINISH ON ALL MACHINED SURFACES	APPROVED:	DATE:
		MATERIAL & HEAT TREAT	
		PROJECT NAME: A1-19010	REFERENCE: DD300-L-87-1
		DWG. / PART NO. A1-19010-200-00 300D-6A -6B N7 insert.idw	REV. B
		SHEET 1 OF 1	

Manufacturer Name:	PENTICTON FOUNDRY
Manufacturer Part No.:	
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 N7 (300D-6A, 300D-6B) FORT HILLS / SUNCOR	

