



ITEM 9 - LIFTING LUG

SUPPLIER DOCUMENT REVIEW
PURCHASER'S REVIEW STATUS, CIRCLE THE APPROPRIATE STATUS:
CODE 1 - NO COMMENTS
CODE 2 - REVIEWED WITH MINOR COMMENTS
CODE 3 - REVIEWED WITH COMMENTS
CODE 4 - REJECTED
CODE 5 - SUPERSEDED
CODE 6 - VOID
CODE 7 - FOR INFORMATION
PURCHASER REVIEW / REVIEWER
DATE: SIGNATURE:

DESIGN CODE:	ASME B31.3, Add.2016 EDITION
SERVICE:	BITUMEN FROTH
DESIGN PRESSURE:	1580 kPaG (229 psig)
DESIGN TEMPERATURE:	93°C (199°F) - 29°C (-20°F)
TEST PRESSURE:	3000 kPaG (435 psig)
TEST TEMPERATURE:	15°C (59°F)
TEST DURATION:	10 MINUTES

REVISION HISTORY		
REV	DATE	DESCRIPTION
1	4/16/19	ADDED DIMENSION, CORRECTED BoM
0	1/30/19	ISSUED FOR CONSTRUCTION, REMOVED NOTE, ITEM 14 WAS SOCKET HEAD
E	1/15/19	UPDATED PO TABLE, UPDATED BoM DESCRIPTIONS, ADDED WELD NOTES, REVISED LIFTING LUG, ADDED LIFTING LUG DETAIL, BORES TOLERANCED
D	11/20/18	CORRECTED BoM
C	11/15/18	ADDED GROUT to BoM, CORRECTED PIPE SHOE VERSION, REMOVED SECOND STUB PIPE, CORRECTED BoM, UPDATED CofG & LUG POSITIONS, ADDED TAG MOUNT, UPDATED GENERAL NOTES DRAWING NUMBER
B	10/17/18	CONVERTED to CONCENTRIC LAYOUT, ADDED SECOND STUB PIPE, ADDED LIFTING LUGS, ADDED PIPE SHOE, ADDED CofG, CORRECTED IDS, ADDED MDMT
A	8/02/18	ISSUED FOR REVIEW

B

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ALCO INC.
APEGGA PERMIT TO PRACTICE No.: P10702

EST. WT. 3,495 lbs.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN CHINCES. BREAK ALL SHARP EDGES. 0.015 IN. OR 0.435 RADI
05 T.I.R. 010. INTERPRET DWG PER ANSI Y32.5 STANDARD.

TOLERANCES
X = ± 1/16
XX = ± 1/32
XXX = ± 0.015
XXXX = ± 0.005
ANGLES = ± 1/2°

125° FINISH ON ALL MACHINED SURFACES

DO NOT SCALE

DRAWN BY: GVD
DATE: 4/16/19

CHECKED BY: TMH
DATE: 4/16/19

APPROVED: _____
DATE: _____

MATERIAL & HEAT TREAT

ALCO Industrial
11650 - 156 Street,
Edmonton, Alberta, Canada T5M 3T5
Phone: (780) 451-6222 • Fax: (780) 452-4355

TITLE
24" x 26" HCWI REDUCER - SPOOL SP-K3492
IOL KEARL PLANT 2 - EXTRACTION

PROJECT No.
A1-18001

REFERENCE
074-23000-080-141-009 01

FILE NAME
A1-18001-100-00 Spool SP-K3492.idw

REV
1
1 OF 1