



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#

REVISION HISTORY			
REV	DATE	DESCRIPTION	INITIALS
0	12/30/2019	ISSUE FOR REVIEW	BEM

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY BE USED FOR ANY PURPOSES WITHOUT THE WRITTEN PERMISSION FROM ALCO INC. OR ITS DIVISIONS.	EST. WT. 1653 lbmass		DO NOT SCALE		<div><div>ALCO</div><div>ALCO Industrial</div></div> <div>11650 - 156 Street, Edmonton, Alberta, Canada T6M 3T5 Phone: (780) 451-6222 • Fax: (780) 452-4355</div>	
	UNLESS OTHERWISE SPECIFIED		DRAWN BY:	DATE:		
	ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 0.1" OR GR45° RADIUS 95% T.I.R. 0.010. INTERPRET DWG PER ANSI Y14.5 STANDARD.		BEM	12/30/2019		
			CHECKED BY:	DATE:	TITLE	
	TOLERANCES: X = ± .118 X.X = ± .050 X.XX = ± .015 X.XXX = ± .005 ANGLES = ± 1/2°				30" HCWI NOZZLE N6 Suncor Main Plant	
	125/✓ FINISH ON ALL MACHINED SURFACES		APPROVED:	DATE:		
			MATERIAL & HEAT TREAT ASTM A532 CLASS III TYPE A		PROJECT NAME A1-19010	
					REFERENCE A1-19010-100-02 (machining)	
					REV. 0	
					DWG. / PART NO. A1-19010-100-02 HCWI nozzle insert casting	
				SHEET 1 OF 1		