



**NOTES:**  
 DESIGN PRESSURE 1000 PSI  
 PRESSURE TEST TO 1500 PSI (PNEUMATIC He LEAK CHECK  
 IN REVERSE) He LEAK CHECK <math>10^{-9}</math> atm cc/s  
 WELD AND EXAMINE 100% VT,RT PER ASME B31.3 2012  
 CMTR REQUIRED FOR ALL PARTS AND FILLER  
 WELD PER JLAB WPS 015

PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
1	1	TGT-103-1000-0105	1.33 Mini CF TO 1/4 TUBE	SST ASTM A240 316/316L
2	1	SS-4BW-BW4-C5-SC11-MOD1	BELLOWS SEALED VALVE HANDLE REPLACED WITH 3/4 NUT	SST 316
3	1	SS-4-VCR-3-4MTW		SST 316
4	1	SS-4-VCR-1	1/4 VCR Nut Female	SST 316
5	1	NI-4-VCR-2-VS	1/4 VCR Gasket Ni	Nickle
6	1	SS-4-VCR-P	1/4 VCR Male Plug	SST 316
7	1	TGT-103-1000-0112	Valve Actuator Nut	SST 304
8	2	ANSI B18.3 - 6-32 UNC x 0.32	Hexagon Socket Set Screw - Cup Point	Steel, Mild

DOCUMENT CONTROL STAMP	DIM & TOL PER ASME Y14.5 . UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMAL ANGLE $\pm 1/64$ .XX $\pm 0.1$ $\pm 0.5^\circ$ .XX $\pm 0.01$ .XXX $\pm 0.005$	APPROVALS	DATE	JEFFERSON LAB TARGET GROUP THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY NEWPORT NEWS VIRGINIA U.S. DEPARTMENT OF ENERGY	
MATERIAL VAR		DRAWN D. Meekins	1/8/2014		
FINISH N/A UNLESS OTHERWISE NOTED	THIRD ANGLE PROJECTION	CHECKED		Hall A Tritium Target Target Cell Fill Tube Assy	
DEBUR AND BREAK ALL SHARP EDGES ACCEPT AS NOTED		APPROVED			
Do Not Scale Drawing		APPROVED		SIZE C	DWG NO TGT-103-1000-0011
		APPROVED		SCALE A;A	ASSY. NO.
					REV -
					SHEET 1 OF 1