

REV.	DESCRIPTION	DATE	DATE
		APP.	DATE

1. Pump down the vacuum vessel to about 1×10^{-3} Torr.
2. Monitor the vacuum vessel with the leak detector.

NOTE:

The leak detector should be connected between the turbomolecular pump on the test stand and the roughing pump.

3. Set the leak detector on the X1 scale.
4. Monitor the leak detector until it becomes stable.
5. Pressurize each of the gas lines with five atmospheres of Helium. Monitor the leak detector while each line is being pressurized. If any leaks are noted, vary the pressure of that line and see if the leak detector corresponds to the pressure change.
6. Spray all outside joints, connectors and welds with Helium while monitoring the leak detector.

UNLESS OTHERWISE SPECIFIED: 1. ALL DIMENSIONS ARE IN MILLIMETERS. 2. TOLERANCES: ±0.075. 3. DIMENSIONS BASED UPON ANSI Y14.5M-1982. 4. INCH DIMENSIONS ARE FOR REFERENCE ONLY. 5. BREAK ALL SHARP EDGES. 6. DO NOT SCALE DRAWING. 7. MAX. ALL MACH. SURFACES 8. DIMENSION IDENTIFICATION: MILLIMETER; MILLIMETER/INCH INCH	ORIGINATOR	A. BIANCHI	
	DRAWN	R.C. ARNOLD	1/18/92
	CHECKED	<i>[Signature]</i>	1/21/92
	APPROVED	<i>[Signature]</i>	1-21-92
	USED ON	N/A	
	MATERIAL	N/A	
	 FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY SSC		
SSC 50MM DIPOLE COLD MASS MTF MAGNET PREP FINAL LEAK TEST			
SCALE	DRAWING NUMBER	SHEET	REV.
<i>N</i>	0102-ES-292683	1 of 1	
CREATED WITH I-DEAS 5.0		USER NAME: RCAVAX	