

Calibration Procedure for Micro Blowing Rigs
5/31/00

Date _____

Completed By _____

Instruments Used:

Equipment Name	ECN or S/N	Cal Due Date
Sensotec 10 lb load cell	723040	3/21/00
Sensotec 10 lb load cell	513850	3/13/00
Tri-Com Signal Cond.	C35791	7/26/00
Tri-Com Signal Cond.	M588569	7/26/00
Washers	None	6/1/00 (self-imposed cal date)

Procedure:

_____ Set preload on balance load cell (verify with TID technician)

_____ Verify that filter is jumpered

_____ Perform knobless

_____ Verify knobless coefficients are within an acceptable tolerance

_____ Yes – accept them and go to the next step

_____ No – do not accept them, and try the following:

_____ Repeat knob

_____ Recalculate coefficients

_____ Identify as a “Squawk” and notify electrical engineer

_____ Perform calibration by adding weights (washers), one by one to the dead weight hook, printing the data at each point

_____ Plot the calibration data using Excel, and record results below:

FBCAL _____

YO _____

_____ Verify that the results are acceptable (using historical data)

_____ Yes – notify TID technician to prepare for testing

_____ No – troubleshoot the force balance, and repeat calibration

Calibration Procedure for Micro Blowing Rigs, cont'd

Reviewed by: _____ Date: _____

Concurrence: _____ Date: _____

Revision Log

5/31/00 – Update to items used for calibration; mods made to reflect current
BMS procedures

