




## CALIBRATION CERTIFICATE UNITY GAIN CURRENT SOURCE POWER UNIT

CUSTOMER: <i>VIBEWISE CC</i>			TEST REPORT #: <i>713</i>		6/11/2007			
PURCHASE ORDER #: <i>060418</i>		SALES ORDER #: <i>126866</i>		PROCEDURE: <i>TP4013</i>				
MODEL: <i>4103C</i>			SERIAL #: <i>713</i>					
BATTERY POWERED <input checked="" type="checkbox"/>		LINE POWERED <input type="checkbox"/>		115VAC <input type="checkbox"/>		230VAC <input type="checkbox"/>		
NEW UNIT <input checked="" type="checkbox"/>	RE-CALIBRATION [1] <input type="checkbox"/>		AS RECEIVED CODE <input type="checkbox"/>		AS RETURNED CODE <input type="checkbox"/>			
TEMPERATURE (°C): <i>22</i>			HUMIDITY (%): <i>46</i>					
<b>CALIBRATION DATA</b>								
POWER SUPPLY VOLTAGE (VDC):			BATTERY VOLTAGE (VDC): <i>19.0</i>					
METER ZERO <input checked="" type="checkbox"/>		METER CALIBRATION <input checked="" type="checkbox"/>						
SENSOR DRIVE CURRENT (mA)								
	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7	CH 8
	<i>1.9</i>	<i>1.8</i>	<i>1.9</i>					
	CH 9	CH 10	CH 11	CH 12	CH 13	CH 14	CH 15	CH 16
<b>AS RECEIVED DATA</b>								
GENERAL CONDITION:								
POWER SUPPLY VOLTAGE (VDC):			BATTERY VOLTAGE (VDC):					
METER CALIBRATION <input type="checkbox"/>			REPLACED BATTERIES <input type="checkbox"/>		YES <input type="checkbox"/>	NO <input type="checkbox"/>		
SENSOR DRIVE CURRENT (mA)								
	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7	CH 8
	CH 9	CH 10	CH 11	CH 12	CH 13	CH 14	CH 15	CH 16
NOTES:								
<b>TEST EQUIPMENT LIST - CALIBRATION STATION # 6</b>								
DII #	MANUFACTURER	MODEL	SERIAL #	DESCRIPTION	CAL DATE	DUE DATE		
<i>287</i>	<i>DYTRAN INST.</i>	<i>4515</i>	<i>108</i>	<i>SENSOR SIMULATOR</i>	<i>03/01/07</i>	<i>03/01/08</i>		
<i>464</i>	<i>KENWOOD</i>	<i>CS-4135</i>	<i>5100491</i>	<i>OSCILLOSCOPE</i>	<i>08/11/06</i>	<i>08/11/07</i>		
<i>418</i>	<i>KIETHLEY</i>	<i>197A</i>	<i>0765030</i>	<i>DIGITAL MULTIMETER</i>	<i>08/14/06</i>	<i>08/14/07</i>		
<i>564</i>	<i>INSTEK</i>	<i>FG-8020H</i>	<i>D675835</i>	<i>FUNCTION GENERATOR</i>	<i>01/24/07</i>	<i>01/24/08</i>		
[1] AS RECEIVED / AS RETURNED CODES: 1 = IN TOLERANCE, NO ADJUSTMENTS      3 = OUT OF TOLERANCE      5 = REPAIRED AND CALIBRATED 2 = IN TOLERANCE, BUT ADJUSTED      4 = REPAIR RECOMMENDED      6 = NON-REPAIRABLE, REPLACEMENT RECOMMENDED THIS CALIBRATION WAS PERFORMED IN ACCORDANCE WITH MIL-STD-45662A, ANSI/NCSL Z540-1-1994, ISO 10012-1 AND IS TRACEABLE TO THE NIST (NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY). THIS CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN PERMISSION FROM DYTRAN INSTRUMENTS, INC.								
CALIBRATION TECHNICIAN:  OSCAR ESPITIA				CAL 3	TEST DATE: <i>06/11/07</i> RECALL DATE: <i>06/11/08</i>			