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Certificate Of Calibration

Calibrated for :P & B Testing
 6645 West Tidwell
 Houston Texas,77092

Report No:	38193	Calibration Interval:	6 Months
PO. No.:	85391	Calibration Date:	09/10/2020
Company No:	103009	Calibration Due Date:	03/10/2021
Description:	Gould-Bass 3509A-10	Serial No:	103009
Model No:	3509A-10	Manufacturer:	Gould-Bass
Temperature:	80°F	Condition As Found :	In Tolerance
Humidity :	65%RH	Condition As Left :	In Tolerance-No Adjustment
Cal. Procedure:	FCP-9		

The standards used in this certification have measurement traceability to the International System of Units (SI). The Management System of Thermo-Temp, Inc. has been assessed and accredited to ISO 17025, ANSI/NCSL Z540-1-1994 and ANSI/NCSL Z540.3-2006. The procedures used for this calibration is as listed above. The results stated in this report relate only to the items tested or calibrated. This calibration was performed to customer requirements. The company's responsibility shall in no event, and for no cause, exceed the cost of calibration of the above documented equipment. Where uncertainties are provided, the uncertainty stated is the expanded uncertainty of the measurement, where k=2. This report shall not be reproduced, except in full, without the written permission of Thermo-Temp, Inc.

Asset Requirements: 10K AMPS DC Shot Time = .81 second Quick Break - OK

Standards Utilized

I.D. No.	Mfg	Model No.	Description	Rpt. #	Cal. Date	Due Date
WD153	Empro Manufacturing Co.	E2000-100	Shunt, 200 Amp	50795	05/04/2017	05/04/2021
MM106	Fluke	87 V	True RMS Voltmeter	90400	06/01/2020	06/01/2021

Test Point Data

S/N	Function Tested	Nominal	As Found Condition	As Left Condition	Error as Left	Test Limits Low	Test Limits High	Test Result
103009 DC Ammeter	DC Amps	5000	5020	5020	20	4000	6000	Pass
	DC Amps	500	540	540	40	-500	1500	Pass
	DC Amps	1000	1000	1000	0	0	2000	Pass
	DC Amps	2000	2010	2010	10	1000	3000	Pass
	DC Amps	3000	3030	3030	30	2000	4000	Pass
	DC Amps	4000	4030	4030	30	3000	5000	Pass

Calibration Performed By:			Certificate Authorized By:		
Jeromy Holman	Technician		Kevin Green	9/10/2020	
Name	Title	Signature	Field Services Manager	Date	Signature