



**Southwest Research Institute®
Nonconformance Report**



IDENTIFICATION		
Submitted By: Bannon, Donald R.	Date: 30-DEC-09	Report Number: 2009-NCR-0368
Division: 20 - GEOSCIENCES & ENGINEERING 01.50: CORR. SCI. & PROC. ENGR.		Project Number: OHD20.131
Quality Program: GED (20) QAM		
Associated Report: N/A		
Responsible Organization: SwRI Responsible		
Defect Code: Calibration		
10 CFR Part 21 Reportable: No		
Description of the Nonconformance: Omega / HH22 Thermocouple Thermometer, s/n T-94140, asset no. 001997 was found to be at 77% of limit at -300 deg. F (measuring -299 deg. F) on T1 Type K range, and found to be at 115% of limit at -300 deg. F (measuring -298.5 deg. F) on T2 Type K range.		
Issued To: Xihua He	Response Due Date: 06-JAN-10	
SwRI cc: Axler, Keith M (20), Mohanty, Sitakanta (20), Patrick, Wesley C. (20), Sagar, Budhi (20)		
RESPONSE(S)		
Disposition: Accept as is		
Customer Approval of Disposition Required? NO		
Proposed Action to Address Nonconformance: We used the thermocouple thermometer to monitor temperatures above room temperature. The non-conformance at temperature below room temperature does not affect our measurement. In the future we will suggest the SwRI calibration lab to calibrate temperatures above room temperature.		
Response By: He, Xihua	Date: 05-JAN-10	Target Date for Action: 12-JAN-10
APPROVALS		
Management Approval: Axler, Keith M	Date: 19-JAN-10	
Comments: As recommended by Xihua, the unit is for use above room temperature only. The calibration should be conducted accordingly.		
QA Approval: Brient, Robert D.	Date: 19-JAN-10	
VERIFICATION		
Verification of Action Taken: No additional verification is needed. <i>Out of tolerance had not adverse impact.</i>		
Verified By: Brient, Robert D.	Date: 19-JAN-10	