



Southwest Research Institute®
Nonconformance Report



IDENTIFICATION		
Submitted By: Brient, Robert D.	Date: 15-JAN-08	Report Number: 2008-NCR-0024
Division: 20 - GEOSCIENCES & ENGINEERING 01.50: CORR. SCI. & PROC. ENGR.	Project Number: 14002.01.171	
Quality Program: GED (20) QAM		
Associated Report: N/A		
Defect Code: Failure to follow procedure		
10 CFR Part 21 Reportable: No		
Description of the Nonconformance: (Initiated by H. Jung as GED NCR 2008-01 on 1/10/2008) The volume of testing solution during the electrochemical corrosion test should be maintained at a constant level to ensure a constant solution concentration. However, during the unattended testing period (1/4/2008 to 1/7/2008), the testing solution dried out by evaporation, resulting in changing of solution concentration and temperature, which is deviated from the experimental procedures.		
Issued To: Hundal Jung	Response Due Date: 24-JAN-08	
SwRI cc: Patrick, Wesley C. (20), Axler, Keith M (20), Jung, Hundal (20), Mohanty, Sitakanta (20), Pan, Yi-Ming (20), Sagar, Budhi (20), Simpson, Michael T (20)		
RESPONSE(S)		
Disposition: Accept as is		
Customer Approval of Disposition Required? NO		
Proposed Action to Address Nonconformance: The affected data (Scientific Notebook #900, page 85) were discarded. If any further test is needed, the experimental set up will be improved and modified by using a heating reservoir controlled by a temperature controller, water-cooled condenser to minimize solution loss at elevated temperatures and a secondary container for the glass thermometer. If any unattended testing is needed, the operation will commence only after careful staff review of experimental set up to assure best practices are taken and will be monitored more frequently.		
Response By: Jung, Hundal	Date: 16-JAN-08	Target Date for Action: 23-JAN-08
APPROVALS		
Management Approval: Axler, Keith M	Date: 17-JAN-08	
QA Approval: Brient, Robert D.	Date: 17-JAN-08	
VERIFICATION		
Verification of Action Taken: Data had not yet been entered on Pg. 85 of Notebook 900. It will be now (entered) with appropriate notation and reference to this NCR. (Verified by M. Simpson 1/14/2008)		
Verified By: Brient, Robert D.	Date: 17-JAN-08	