



Southwest Research Institute®
Nonconformance Report



IDENTIFICATION		
Submitted By: Brient, Robert D.	Date: 15-JUL-10	Report Number: 2010-NCR-0170
Division: 20 - GEOSCIENCES & ENGINEERING 01.50: CORR. SCI. & PROC. ENGR.	Project Number: 14002.01.351	
Quality Program: GED (20) QAM		
Associated Report: N/A		
Responsible Organization: SwRI Responsible		
Defect Code: Failure to follow procedure		
10 CFR Part 21 Reportable: No		
Description of the Nonconformance: Drawing Control No revision submitted to QA Records for Drawing 20.06002.02.322.022 when changes made after approval Approved 11/30/2009; entry made on drawing to revise disc diameter from 3.0 inches to 1.5 inches on 12/2/2009 Revision A approved 7/14/2010; changed diameter to 2.0 inches Requirement: QAP-017, Drawing Control, Section 3.4		
Issued To: Hundal Jung	Response Due Date: 29-JUL-10	
SwRI cc: Axler, Keith M (20), Jung, Hundal (20), Mohanty, Sitakanta (20), Patrick, Wesley C. (20), Sagar, Budhi (20), Wittmeyer, Gordon W. (20)		
RESPONSE(S)		
Disposition: Repair		
Customer Approval of Disposition Required? NO		
Proposed Action to Address Nonconformance: The revision of the drawing 20.06002.02.322.022 revision A was reviewed and approved by the responsible manager and QA staff in accordance with QAP-017, Drawing Control, Section 3.4 during the audit. The revised drawing was submitted to QA record on 7/14/2010 and the revised drawing was added to the scientific notebook 899 on page 15. The actual diameter of the Alloy 22 disc samples for the dripping tests was 2 inch as shown on the photos of the test sample taken before testing on page 51 in scientific notebook. The final dimension of 2 inch diameter was determined based on preliminary calculation results to check out a minimum exposed surface area of the test sample to be detected such a potentially very low corrosion rate of Alloy 22 under the proposed corrosion condition and also to accommodate the number of test samples as many as possible within a limited space in the humidity chamber. The diameter of 3 inch or 1.5 inch shown in the scientific notebook 899 on page 14 was tentative and not a proper size to meet requirements mentioned above (i.e., a minimum exposed surface area or number of accommodated samples in the chamber).		
Response By: Jung, Hundal	Date: 19-JUL-10	Target Date for Action: 26-JUL-10
APPROVALS		
Management Approval: Axler, Keith M	Date: 19-JUL-10	
QA Approval: Brient, Robert D.	Date: 20-JUL-10	
VERIFICATION		
Verification of Action Taken: The action specified in the NCR was taken during the audit - no additional verification is necessary.		
Verified By: Brient, Robert D.	Date: 20-JUL-10	

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