



Southwest Research Institute® Nonconformance Report



IDENTIFICATION		
Submitted By: Brient, Robert D.	Date: 28-AUG-08	Report Number: 2008-NCR-0298
Division: 20 - GEOSCIENCES & ENGINEERING 01.50: CORR. SCI. & PROC. ENGR.	Project Number: OHD20.131	
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: Scientific Notebooks (SN) used to document task activities and progress did not comply with requirements defined in QAP-001, Scientific Notebook Control, as evidenced by the following: SN entries were made after-the-fact; (observed in projects 20.R9727; 20.R9723; 20.R9722) Examples of data not traceable in the SN; data entry (pg 96) did not reference experimental conditions that were the same as described one year prior (20.R9727) calibration information for the microhardness instrument and the test block result were not captured and traceable in SN (20.12710) Essential supporting data from the 4th Quarterly Report were not captured in a notebook (20.R9727); and Person entering data and performing coatings not identified (20.R9727).		
Issued To: Keith Axler	Response Due Date: 04-SEP-08	
SwRI cc: Axler, Keith M (20), Basagaoglu, Hakan (20), Chiang, Kuang-Tsan K (20), Lenhard, Robert J (20), Osidele, Olufemi O (20), Simpkins, Ali A (20), Yang, Lietai (20), Walter, Gary R (20)		
RESPONSE(S)		
Disposition: Accept as is		
Customer Approval of Disposition Required? NO		
Proposed Action to Address Nonconformance: 1. SN entries were made after-the-fact; (observed in projects 20.R9727; 20.R9723; 20.R9722). Project 20.R9722, scientific notebook 941E: Computer runs fully document all of the information necessary for calculations. The scientific notebook entries were made after the computer runs were conducted. However, documentation of the computer runs was made in the scientific notebook by the time that the runs were completed. Since all necessary information is captured, the non-conformance did not have a direct impact on quality. Project 20.R9723, scientific notebook 935E: Initially, all information was recorded in draft quarterly reports as the work was performed. The scientific notebook was used to capture information beyond what was included in the reports. Since all information was recorded in a QA record (reports or scientific notebook) the non-conformance had no impact. Project 20.R9727, scientific notebook 876: Some information was entered into the computer by the technician. All information was printed out at the conclusion of each test and consolidated into draft quarterly report and notebook by the PI. Since all information was recorded in a QA record (reports or scientific notebook), there is no direct impact on the quality of the work performed. Future entries will be made as work progresses. 2. Examples of data not traceable in the SN data entry (pg 96) did not reference experimental conditions that were the same as described one year prior (20.R9727) This concerns Project 20.R9727. The reference information for the fabrication conditions and test conditions has been added in Page 96. All the experimental conditions can be found in Pages 55 to 57 of SN 810. Therefore, the quality of the data is not affected. 3. Calibration information for the microhardness instrument and the test block result were not captured and traceable in SN (20.12710).		

This concerns Project 20.12710. The instrument ID and the person performed the work were captured in the SN. The calibration information for the microhardness instrument and the test block result have been obtained and added to the SN (#678, Pages 30 to 33). There is no direct effect on the quality of the data.

4. Essential supporting data from the 4th Quarterly Report were not captured in a notebook (20.R9727);

This concerns Project 20.R9727. A reference for the supporting data (test condition and probe fabrication) has been added to Page 95 of SN 876. With this reference, the test conditions for the data can be found in Pages 6 to 11 of SN 810; the probe fabrication information can be found on Pages 5 and 6 of SN 810. Therefore, the quality of the work was not affected.

5. Person entering data and performing coatings not identified (20.R9727).

This concerns Project 20.9727. The Person entering data and performing coatings has been added to the various pages of SN 876 and 810. Chris Rincon of Division 18 was the technician performed the coating tasks. There is no direct effect on the quality of the work.

Response By: Axler, Keith M	Date: 04-SEP-08	Target Date for Action: 10-SEP-08
APPROVALS		
Management Approval: Mohanty, Sitakanta	Date: 12-SEP-08	
QA Approval: Brient, Robert D.	Date: 12-SEP-08	
VERIFICATION		
Verification of Action Taken: Reviewed applicable notebooks. All corrective actions have been completed as described.		
Verified By: Simpson, Michael T	Date: 17-SEP-08	

© 2006 Southwest Research Institute ® Quality Reporting System, Release Version 1.4, Form: NCR