UNIVERSIDAD DE GUADALAJARA
CENTRO UNIVERSITARIO DE LOS VALLES

Status Auditing Document

System for the Inspection of a Photovoltaic Park with Aerial Images in High Definition and Thermal

---

Professor: Phd. Omar Ali Zatarain Durán

Author: Raúl Rubén Romero López

SAD-SIPaF-V1.0

December 01, 2022   Ameca, Jalisco

Audit activities

1. Make sure that baselines and standards match the actual components of the product.

The last version of the baseline is in accordance with the CR approved to this project and the design, code, and tests are as they are supposed to be with the changes for the CR-03 implementation and not taking in consideration the other 3 CRs that were also requested by the client since they were rejected.

2. Verify that the product is built and documented as the standards.

All the documents for the process were correctly made, so this product is leaning to having a high quality. We have the last baseline, the change request control document up to date, and there is also the status accounting report.

3. Check if the CR and test cases were properly addressed.

The CR-03 was correctly implemented as establish for all the SCM process and the test cases for this CR were applied and documented.

4. Check that the new test results added by the CRs and the other CRs give an acceptable result.

Every test that was already implemented, as well as the new ones designed gave a positive result, so there were no errors given by the implementation of CR-03.

5. If tests failed, do...
   a. **Look back to the status accounting report.**
   b. **Look back to the configuration control document.**
   c. **Look back to the configuration identification part in the configuration control document for that CR.**

This was omitted since all the tests passed as expected.

6. **Verify that the correct and authorized versions of any CI exist and is correctly identified.**

   For this project, the Change Request Control v2.2 has the CIs identified for the CR-03, so this part is correct.

7. **Verify that every CR on the Change Request Control document has a resolved status.**

   This task is finish, as specified on the document, CR-01, CR-02, CR-04 were rejected by the committee board, and the CR-03 was the only one that was approved.

8. **Identify the main biases or mistakes produced in each task.**

   a. **Configuration identification**

   A point of view for this product is more on to change the process, maybe it is a little too ambiguous the CI that is being specified, it should be more specific. But for this product, it is specified as it was supposed to.

   b. **Configuration control**

   This product is represented in a good way, only a rearrangement of information to the document should be done.

   c. **Status accounting**

   The report has a complete information for what was done during the SCM process, but an introduction or some information of the process should be done.

9. **Check data quality for accuracy and completeness.**

   All the information within every document was check to verify it was clearly written and also that every task was completely expressed on each part of the SCM process.

10.Initiate an incident for discovered unauthorized changes.

During this SCM process, there is was no incident discovered that must be address besides what was reported during the Status Accounting report.