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| --- | --- |
| **Project:** | **Cor\_IF Modbus / DP** |
| **Subsystem under Review:** | **Modbus, Review refers only changes from 01.00.00 to 01.00.01** |
| **Revision:** | **01.00.01** |
| **Review Date:** | **10.11.2017** |

**Review-Participant:**

|  |  |  |
| --- | --- | --- |
| *Dept.* | *Name* |  |
| IIGF | Holger Seebode | Developer |
|  |  |  |

**Decision of the Review:**

|  |  |  |
| --- | --- | --- |
|  | *Decision* | *next steps* |
| X | Inspection passed ***without restrictions*** | Phase finished |
|  | Inspection passed ***with restrictions*** | some changes must be done |
|  | Inspection ***not*** passed | Inspection must be repeated |

**Changes are proved:** The Reviewer confirms that all changes are done:

|  |  |  |
| --- | --- | --- |
| proved Rev: | Date: | Reviewer: |
|  |  |  |

**Check list:**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | yes | no |
| 1. | Review the code for conformance with the coding guideline. | **x** |  |
| 2. | Check that erroneous data inputs are covered correctly. | **x** |  |
| 3. | Check that parameter passing by reference is correctly used. | **x** |  |
| 4. | Check that all specified outputs are produced. | **x** |  |
| 5. | Check that all functions are clear too understood. | **x** |  |
| 6. | Check that the program sequencing is proper. | **x** |  |
| 7. | Check that all type casts are correct. |  |  |
| 8. | Check that conditional compile is correctly used. | **x** |  |
| 9. | Check that the module test has passed successful and covered the implementation. | **x** |  |
| 10. | Check that the code is successful checked by a lint-tool (passed warning level 2 for SIL2 ) | **x** |  |
| 11. | Check that all related safety measures based on the safety analysis are covered. |  |  |
| 12. | Check that known problems and limitations of compiler, linker and operating system are   considered by the developer. |  |  |
| 13. | Are all open issues transferred to the defects table? | **x** |  |

**Remarks:**

**Point 7 : Type Cast are checked by Lint according Coding guideline**

**Point 11 : Safety Measures are checked by Georg Horst (SIL)**

**Point 12: According Tool Qualification Rev. 1.0 no limitations have to be considered**

**Defects**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No.. | Checkpoint | Description | Major Defect | done  Date |
|  |  |  |  |  |
|  |  | No defects detected |  |  |
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|  |  |  |  |  |

**Changes to prior version**

|  |  |
| --- | --- |
| Filename | Changes |
| Modbus\_register\_table\_objects.c | Function CheckAccessRightsModbus\_Register\_Table\_Objects |
|  |  |
| Modbus\_register\_tables.c  Modbus\_register\_tables.h | Change and Extension of data structures |
|  |  |
|  |  |