

AHK USA-Chicago Final Examination Part 1	First and last name:	Commissioning booklet
	Checks - Commissioning Protocol	Industrial Electronics Technician

The electrical system is to be checked and put into operation in accordance with the commissioning protocol. The following commissioning protocol is to be completed with an exam board member observing. You will walk the exam board member through each step of inspection and measurement checks. Demonstrate to the exam board member that everything is in proper working order. Do not skip any steps or check points. If you come across any issues or problems they are to be noted and fixed independently.

Steps 2 should be carried out in a de-energized state. Attention! ALL work steps during the exam must be carried out under the supervision of the exam board!

PRACTICE for steps 2-6 and 8.

Step 2: Continuity of the protective earth wires

Check no.	Inspection item	Measured Value	Measured value OK	
1	Continuity of the protective earth wires		yes <input type="checkbox"/>	no <input type="checkbox"/>

Step 3: Insulation measurements of the power supply line

Identify which specification for measurement values and standards you are using. Is the standard that you are using DIN/VDE-0100-600 (IEC 603364-6 corrigendum 1) or other standard specified?

Check and document whether the measurement results correspond to DIN VDE 0100-600 or standard that you are using. Demonstrate your checks, explain what you are checking and document your results. Do not skip any measurement points!

Measurement no.	Measuring Point 1	Measuring Point 2	Measurement voltage	Measured value	Target value per DIN/VDE
1					MΩ
2					MΩ
3					MΩ
4					MΩ
5					MΩ
6					MΩ
7					MΩ
8					MΩ
9					MΩ
10					MΩ

Measured values correspond to DIN/VDE or _____ regulations YES NO



