

LETTER OF REFERENCE

Mr. **Muneer Al Sabbagh**, [REDACTED], was employed in our company from November 1, 2012 until October 31, 2013.

Mr. Al Sabbagh worked as **R&D Engineer** in the "R&D PG Power Control" department of our "Power Controls and Renewables" division. His range of tasks encompassed:

Project E-On: Rail Static Frequency Converter (100 MV)

- Migration of the existing control software (based on Matlab/Simulink)
- Adaption of the control software corresponding to experiences from other R&D engineers gained in previous projects
- Documentation of control software changes
- System tests of the control software with a Hardware-In-the-Loop Real Time Simulator
- Documentation of system tests
- Support of the commissioning of a converter

Project Adaption of Remote Commissioning Tool (RCT) for recording control signals

- Adaption of the software tool (based on Matlab) to include additional signals from controller
- Implementation of new control signal evaluation and trigger functions

We knew Mr. Al Sabbagh as a cost awareness employee with good technical knowledge. He worked in a service-oriented and customer-focused way. Mr. Al Sabbagh was interested in pursuing his further development and accepted change. In the daily work he could work under pressure and showed resilience.

With his helpful nature, he integrated well into teams. Moreover he was open to justified criticism. Superiors, staff and all other contacts enjoyed working with him because of his friendly and loyal behavior.

We would like to thank Mr. Al Sabbagh at this point for his commitment and achievements and wish him all the best for the future.

Baden, October 31, 2013

ABB Switzerland Ltd



Roland Wyss
Team Leader R&D Control Software



Christa Denz
HR Service Center

ABB Switzerland Ltd is committed to uncoded references.