

Hitachi ABB Power Grids Switzerland  
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## Letter of Recommendation

Mr. Grover Aruquipa Aruquipa, born on 09.09.1995 in La Paz (Bolivia), has performed his activities in Hitachi ABB Power Grids as an intern from 1<sup>st</sup> March 2020 to 31<sup>st</sup> August 2020, working under my supervision.

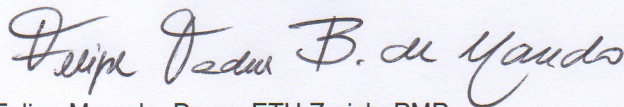
Mr. Aruquipa has actively contributed to the applied research performed in the Electromechanics Integration group of the Swiss Power Grids Research Centre, mainly with focus on reliability of high voltage circuit breakers (HVCB). His field of action included mainly the following tasks:

- Development of MATLAB and Python codes for statistical analysis of HVCB measurement data;
- Design of a graphic interfaces for data visualization and analysis;
- Development of a code for collection and organization of a large and complex database.

Mr. Aruquipa has shown high dedication, talent and rigor in all above-mentioned work environments. He always came up with creative approaches to the problems and has been very proactive solving challenges of different kinds and complexity. In addition, he is an excellent team worker, being mature to handle criticism and give opinions.

Mr. Aruquipa made very important contributions during the time he worked at Hitachi ABB Power Grids. For all the mentioned reasons, I highly recommend him.

Baden-Dättwil, 11<sup>th</sup> November 2020  
Hitachi ABB Power Grids Switzerland



Felipe Macedo, Dr. sc. ETH Zurich, PMP  
Scientist and R&D Project Manager