

ABB Traction Motor / Large Machine Factory

ICEM 2020 Technical Visit

Date: August 27, 2020

Location: Elmotorgatan 2, 721 36 Västerås, Sverige

(400 km from Göteborg/ 100 km from Stockholm Arlanda Airport)

Agenda:

- 08:30-09:00 Registration in reception
- 09:00-09:30 Safety review
- 09:30-10:30 Presentation of the factory
- 10:30-11:30 Tour in production (Traction/Large Machines)
- 11:30-12:30 Lunch

Traction Motors

For most manufacturers, the development of electrification technology started with tramways. In 1890, a predecessor of ABB's business in Sécheron, Geneva, supplied France's first electric tramcars to Clermont-Ferrand. These were soon followed by the world's first electrically operated mountain rack railways. In 1898 another ABB predecessor, BBC, equipped several mountain railways, including the world-famous Jungfraubahn climbing to the 3500 m high Jungfrauoch, using a 40 Hz (later 50 Hz) three-phase system.



The experimental locomotive no. 1 with rotary converter and DC traction motors made by Maschinenfabrik Oerlikon AG which was acquired by BBC and merged to ABB.

ABB today holds a complete and flexible traction motor portfolio that allows building solutions for train operators – regardless of train type, power range or geographical location. Each motor is tailor-made to customer requirements and to the operation conditions of each train that it powers; enabling superior efficiency, lowest energy consumption and high reliability.

More information on the ABB products can be found in below:

<https://new.abb.com/motors-generators/traction-motors-and-generators>

In this visit, visitors will have the possibility to see the production line of these motors in Sweden.



Recommended accommodation in Västerås:

- Best Western Plus Hotel Plaza
- Steam Hotel
- Best Western Hotel Esplanade
- Comfort Hotel Västerås
- Elite Stadshotellet Västerås
- Clarion Collection Hotel Etage

Train from Göteborg to Västerås

The train can be booked through the below website:

<https://www.sj.se/#/>

Max. number of visitors: 20

Map:



Contact persons at ABB:

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