

For steel production, a nonstop electricity supply is essential

SSAB, Luleå



SSAB in Luleå produces high-strength steel which is further processed at another steelworks.

SSAB is a leading steel producer with production facilities around the world. The company produces advanced high-strength steels, toughened steel, strip, plate, and tube products, as well as special steels for the construction industry. SSAB works closely with its customers, offering services to improve the performance and durability of jointly developed steel products.

SSAB in Luleå converts ore into steel, which is further processed in the rolling mill in Borlänge. Steel production requires oxygen which is added to the process by a

an air blower. Since the blast furnace needs to operate continuously there must be no interruption in the oxygen supply and ABB is installing an extra air blower as back-up.

Electricity for this air blower and various other equipment will be provided by a 10 kV medium voltage switchgear. Harju Elektek has delivered an SF6-free air-insulated switchgear unit from Aktif, with an ABB breaker. Important for SSAB is that the switchgear is robust and will function efficiently in an industrial environment.



Upgrading with medium voltage switchgear from Harju Elektek at SSAB in Luleå. Switchgear from Aktif, breaker from ABB.