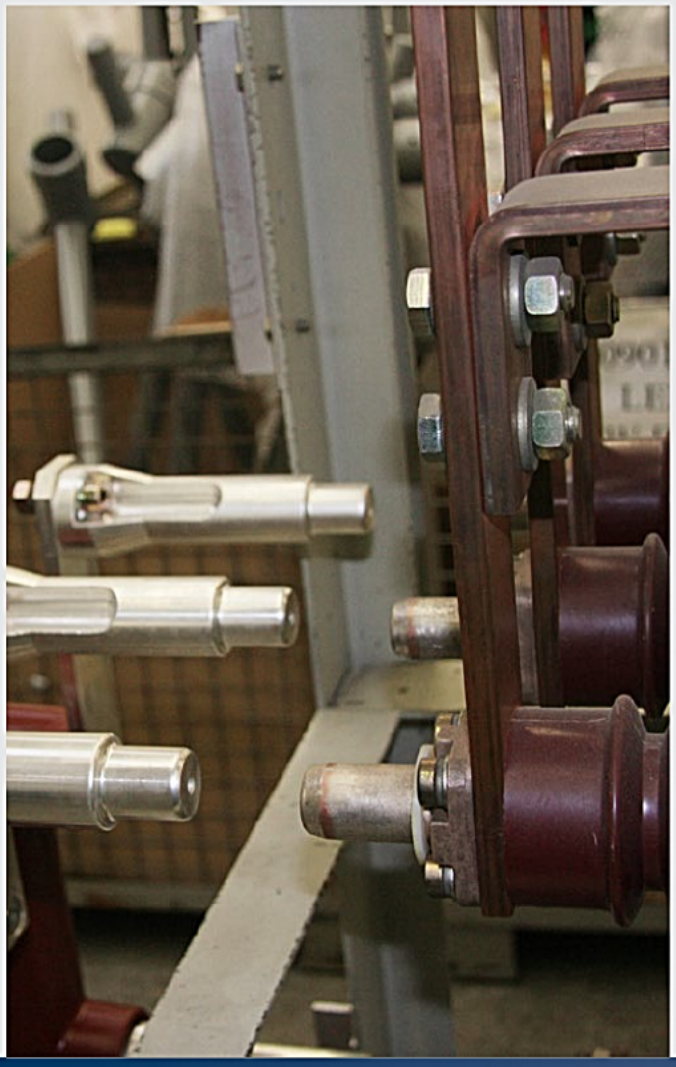
Client:	Elpro Berlin (end customer: Rheinbahn Düsseldorf)
Voltage range:	12 kV
Rated current:	630 A
Short circuit current:	31.5 kA
Work areas:	Engineering – Project management – Delivery – Assembly – Commissioning
Challenge:	Replacement of the asbestos-containing partition plates

Retrofit

Rheinbahn Düsseldorf, upgrading of air-insulated medium-voltage switchgear panels



Elpro is a special service provider in the field of traction power systems. Rheinbahn, founded in 1896 as Rheinische Bahngesellschaft AG, is the public transport company of the North Rhine-Westphalian state capital of Düsseldorf.

While industrial energy providers may have access to reserve areas, the railway sector houses its substations in confined spaces. Modifications and expansions are only possible to a limited extent. A 1:1 replacement is not an option, as rail operations do not allow for extended downtimes.

GSB had the task of properly disposing of the asbestos-containing partition plates of the medium-voltage switchgear panels – in accordance with the technical guidelines for hazardous substances and replacing them with new, asbestos-free partition plates. Through the simultaneous retrofitting of the primary and secondary technology, GSB ensured that the switchgear panels will remain reliable for many more years to come.