

Reliability under high voltage: BAUR products revolutionise cable testing

SAPRI SpA, Chile





Customer:
SAPRI SpA, Chilean service provider for electrical systems.



BAUR solution:
With its PHG 80 portable VLF test system and PD-TaD 80, BAUR offers a reliable solution for testing medium-voltage cables.

SAPRI SpA has established itself as a major service provider in the electrical and industrial sector. The company offers specialised services for high- and medium-voltage systems – from transformer stations and mining to wind farms and photovoltaic parks. With its expertise and technology, SAPRI ensures that power networks operate safely and reliably. Until recently, cable diagnostics posed a major challenge for the company.

Testing technology needed for complex requirements

Faced with the increasing demand for special testing and diagnostic requirements for medium-voltage cables, SAPRI did not previously have the necessary infrastructure and equipment to test cables with large cross-sections and lengths. In

the past, this limited the variety of solutions that could be offered to customers, particularly in the area of fault location. "Simply put, we were unable to perform certain tests – especially on high-voltage cables with large cross-sections. At worst, the customer had no choice but to open the cable – a measure that should only be considered as a last resort and one that involves considerable costs and risks," recalls Carlos Betancur from SAPRI.

High-performance BAUR technology in use

The turning point came with the decision to opt for BAUR testing and diagnostics technology. In particular, the PHG 80 portable and the PD-TaD 80, in combination with location devices such as Syscompact 2000 and shirla, enabled SAPRI to take a completely new approach to cable testing. Thanks to these devices, the

company was able to perform precise and reliable VLF testing at 0.1 Hz – including dissipation factor measurements and partial discharge diagnostics – even on cables up to 12 km long and with cross-sections of 630 mm².



BAUR shirla in use

The company is particularly impressed by the performance of the PHG 80 portable and the PD-TaD 80: "No other device has achieved such precise results with cables of our size." This not only saves time, but also significantly reduces the workload for site personnel.

"We receive first-class support. [...] We feel we are in good hands with BAUR."

Álvaro Romero,
SAPRI SpA

A successful partnership

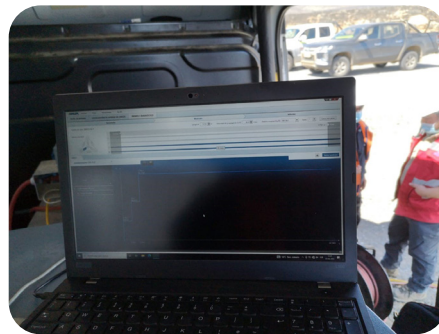
In addition to the quality of the devices, SAPRI particularly values the reliable service and constructive collaboration with BAUR. Through face-to-face seminars, online training courses, and rapid response to spontaneous requests, even directly on site, BAUR and its local partner EDALTEC are always on hand to assist the company in Chile, offering practical solutions in a very short space of time.



PHG 80 portable VLF test system from BAUR

"We receive first-class support, whether software updates, technical training, or specific application queries. We feel we are in good hands with BAUR," confirms SAPRI.

Above all, the willingness to handle each request individually and not just offer standard solutions represents significant added value.



BAUR Software 4

BAUR – a reliable partner for complex challenges

Thanks to its collaboration with BAUR, SAPRI has taken a decisive step forward not only in technology, but also in organ-





isational terms. The high-performance technology enables the company to enhance the quality of its services, significantly reduce the test duration, and improve safety in critical applications. For SAPRI, one thing is certain: "Anyone looking for quality, accuracy, expert support, and collaboration based on partnership in the field of electrical infrastructure will find the ideal partner in BAUR."



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