

## NF EN ISO/IEC 17025 accreditation by the COFRAC: worldwide recognition for the SDMO® laboratory

Since its creation in 1966, **SDMO®** has made a name for itself as the leading French and world number three generator manufacturer. The firm designs, manufactures and markets a wide array of standard generators ranging from 1 kVA to 3000 kVA. They meet all the power requirements and fit numerous applications. There is a proactive and inspired Research & Development department at the heart of this unprecedented performance which anticipates market demands by coming up with high-quality products and services. As evidence of this, the **SDMO®** laboratory has been accredited by the COFRAC (French Accreditation Committee) according to the NF EN ISO/IEC 17025 standard: this accreditation is proof of the technical competence of the laboratory for the domains of activity defined and the proper functioning of the quality management system.

### The recognition of effective and innovative R&D work:

**Only three laboratories in the world have been accredited by the COFRAC. The SDMO® "LAB" is one of them...**

Located in Brest and made up of a dozen engineers and technicians, the **SDMO®** laboratory participates in the development of products in collaboration with the **SDMO®** research departments and ensures their conformity by means of multiple tests. In order to fulfil its missions, the laboratory relies upon specific infrastructure and effective tools: an area where prototypes can be assembled, control rooms, a noise-level area, etc. This joint research and development work within this innovative firm has resulted in the **SDMO®** laboratory being accredited by the COFRAC according to the NF EN ISO/IEC 17025 standard in order to carry out fifteen trials relating to mechanical and electric properties and the security of generators.

The ISO/IEC 17025 is an international standard which lays out the "general requirements concerning the competence of calibration and trial laboratories". It recognises technical competences and the quality of laboratory management. In France this accreditation is granted by the COFRAC.

This accreditation is a real recognition of the organisational and technical competence of the "LAB" and its staff. As highlighted by Jean-Michel Geiller, Manager of the Technical Documentation, Conformity and Certification Products Department and Quality Manager of the accredited laboratory: *« only three laboratories in the world have been accredited by the COFRAC for these kind of trials; SDMO® is one of them. Moreover, the "LAB" is the only laboratory accredited to carry out trials on generators over 10 kW. »*



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### Worldwide recognition of SDMO® solutions

Accreditation according to the NF EN ISO/IEC 17025 standard guarantees worldwide recognition of **SDMO®** products and establishes indisputable confidence in the services provided. It is dependent on several factors:

- Accreditation proves the technical and management qualities of the **SDMO®** laboratory beyond any doubt and certifies the competence of the "LAB" for specific trials; so clients can feel confident in calling on **SDMO®** for clearly defined domains of activity.
- Beyond this client-service provider relationship, this accreditation means the conformity of **SDMO®** products with the requirements of other countries such as Russia, Ecuador, Kenya, Nigeria and Chile can be guaranteed thanks to, amongst others, mutual recognition agreements between the different accreditation bodies in the world (ILAC).
- Finally, this accreditation gives **SDMO®** access to new markets and new development opportunities.

**ISO 17025 accredited since 2009, the SDMO® laboratory depends on validated trial procedures and the calibration of measuring apparatus by accredited bodies in order to respond to the needs expressed.**

Established in 1966, **SDMO® Industries** is today the leading French and world number three generator manufacturer. The company designs, manufactures and markets a range of standard generators from 1 kVA to 3,000 kVA. They meet all the power requirements and fit all applications. Thanks to the expertise of its research department and in response to the most specific requirements, **SDMO® Industries** also offers made-to-measure power plants. The company manages each project in its entirety: from the design of the plant right down to its installation, even including on-site maintenance. The dynamism of its service policy guarantees the continuity of its installations throughout the world.

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