

The Project DETECTION SF₆ Gas

IVORY COAST



THE PROBLEM :

Background : SF₆ gas is used as an insulator and cooling medium in closed electrical systems. This extremely efficient gas is also dangerous for the environment. Leak detection is therefore a priority.

Our customer wanted SF₆ gas detection equipment to carry out regular checks on high-voltage electrical transformers. The detector had to be :

- **simple and easy to use**
- **economical**
- **reliable**



OUR SOLUTION :

We proposed to our customer an automatic detection and calibration device with control gas.

The tool is easy to use.

It has :

- A visual system allowing to estimate the importance of the leak.
- An audible alarm informing of a leak.
- An automatic zeroing system.
- An adjustable sensitivity up to 1 x 10E-6 mbar l/s.

THE PROJECT IN SHORT :

✓ **FIELD OF ACTIVITY :**
Verification of high voltage electrical transformers in Ivory Coast

✓ **DEADLINE :** 15 days



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