

OIL PRODUCT STORAGE



The detection of hydrocarbon gases and fumes is ensured by catalytic bead, infrared or ultrasonic point detectors. For perimeter surveillance, linear detectors are used such as NDIR or laser. Optical fibre allows an early detection of a rise in temperature on storage bins and thus triggers the fire fighting before the equipment is damaged. In addition, flame detectors allow any fire outbreak on installations to be anticipated.

These detectors are installed in a fixed position and connected to a detection station that manages automatic controls such as flashing lights, sirens, power cuts. The station will also manage fire fighting systems, by water and foam deluge, perfectly adapted to this application.

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AUTOCHIM also offers analysers of traces of H₂S by UV or colorimetry and quartz hygrometers to measure the moisture content in the gas.

AUTOCHIM also offers mobile materials such as gas detection site markers, portable individual gas detectors, infrared or laser linear barriers to monitor the pumping station for example.

Thanks to optical fibre, AUTOCHIM offers intrusion and malicious act detection systems thus monitoring zebra crossings, vehicles or machines over very large distances and differentiating them from background noise.

Moreover, AUTOCHIM accompanies you throughout your project: from advice and preliminary project audits, project monitoring within its Engineering department, commissioning as well as academic training courses or onsite training, to maintenance contracts and periodic audits.

