

Work assistance near high risk zones

GABARIT SKY LASER

The GABARIT SKY LASER is designed to monitor boundaries and objects.

It is complementary to classic signage around a works zone near structures considered to be hazardous (HVA/HVB lines, live transformers, HV lines, railway lines, etc.).

The purpose is to create :

- Either a horizontal plane.
- Or a virtual wall that is not to be crossed.

This monitoring is provided using a laser scanner (LIDAR).

If the virtual barriers are crossed, audible and visible alarms are triggered.

The audible and visible alarms can also be sent to repeater boxes.

FUNCTION

The active laser scanner is a two-dimensional, contactless detection system that sweeps a freely programmable zone. Using an invisible infrared laser beam, the detection is immune to parasite light, even in total darkness.

This laser detection solution operates effectively in all weather conditions masking of ambient factors (fog, rain, etc.), lighting, size and type of object.



Work in a substation



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