

WORKS ON ENERGIZED HIGH-VOLTAGE ELECTRICAL SYSTEMS.

R.D. 614/2001 mandates in its fourth Article that:

“Every work developed in an electrical system or in its proximities and bears electric risk, must be performed on de-energized installations”.

In addition, in this article it establishes that such works can be performed in energized installations in situations that this document indicates at the mentioned Article 4.



In those situations where it isn't possible to perform these operations on de-energized systems; S.T.&M. has the necessary human and material means to perform live-line works.

The available system corresponds to **safe-distance method**, and we can apply it until 66 kV.



In agreement with the preventive measures to **eliminate risks**, S.T.&M. insists always in exhausting all the possibilities of working on de-energized installations, in accordance with the fundamental principle mentioned previously.

The execution of works on energized systems is contemplated only in the situations described by R.D. 614/2001.

Premises contained in R.D.'s Annexe III, entirely dedicated to this modality of work, are mandated by R.D. Obviously, this premises are highly exigent.

For example, it establishes that these operations need the development of a specific **procedure** for every type of work, in which all the details are analyzed, so their strict application guarantees safety.

It also mandates that field workers must have the **qualified category**.

S.T.&M.'s **live-line staff** must fulfill this condition.

Due to the relative "modernity" of the above-mentioned standard, it can be assumed that their requirements were not applied previously.



Nothing farther from the truth. These requirements are the result of the accumulated experience during many years of live-line technologies application.

Good proof of all previously mentioned is that, in S.T.&M.'s case, no accident has ever happened in many years of application.