

# TECHNOLOGICAL TESTS FOR RAV - CE - S SIEMENS CONTROLLER



SERPRO in its constant search to satisfy its client's needs, have designed, manufactured and held the prototype tests of a new electronic controller with the SIEMENS S7 – 300 SIPLUS platform.

These tests not only include the Functional Manufacturing Tests, but also the Technological Tests performed in the Test Laboratory of CFE LAPEM, Irapuato, with satisfactory results.

The Technological Tests applied successfully were the following:

- Tests of low temperature
- Tests of dry heat
- Tests of Temperature and Humidity
- Tests of interruption and tension drop
- Tests of electromagnetic compatibility
- Seismic Tests performed at UNAM

This equipment constitutes the fourth Generation of SEPAC Excitation Systems manufactured by SERPRO in their Cuautitlan, Mexico plant.

SEPAC has taken on the objective of widening the range of their excitation systems with different platforms in order to offer their clients and users a wide array of possibilities for the control of their Voltage Regulation Systems, which will allow them to standardize brands among the various digital systems of their generation plants.

With this new platform the road opens for the standardization of the electronic equipments for speed regulation systems, excitation systems , unit controllers and Scada systems .



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