

MODERNIZATION OF EXCITATION CONTROL UNIT SIEMENS BRAND



Typical responsibilities include:

The design, supply, removal of the original unit control, interconnection engineering commissioning and ongoing training; all within 45 calendar days.

In this way **SEPAC** along with **SERPRO** ensures full compliance with multidisciplinary activities within the contractual framework, offering guarantee in regaining the trust and safety on its premises with the supply of fully modernized electrical equipment that contains cutting-edge technology based on industrial PLCs.

The Engineering Division of **SERPRO S.A DE CV**, is one of the best known and of longest experience in the electrical industry in the area of power control with a track record with electrical utilities entities, such as **Mexican Federal Electricity Commission (CFE)**, **EPM**, **EMGESA**, **CHEC Colombia**, **ICE Costa Rica**, **Honduras ENEE**, **INDE Guatemala**, **TACOMA United States**, **PEMEX Mexico**, among others in which tailored solutions have been implemented under a strict quality program and complete satisfaction of customers.

The accumulation of years of experiences have allowed us to understand the user requirements and design a system that best meets the needs of each project.

As a result, in March 2011 **SERPRO S.A DE CV** has been entitled the turnkey project for **PEMEX – Refinery Francisco I. Madero**, to retrofit the Excitation control unit of a Thyripol AVR, COMPOUND model made by **SIEMENS**, in order to control the turbo generator 4, with a maximum delivery time of 45 days.

JUNE 2011



The electronics housing were replaced conserving power sections of the compound rectifier bridge and field switches.



ESEAM S.A.

Caen, FRANCIA
Tel: (33) 231 848 446

SERPRO S.A. DE C.V.

Fundidores No. 4, Fraccionamiento Industrial Xhala,
Cauautitlán Izcalli, Estado de México, C.P. 54750 MÉXICO
Tel: (52-55) 5870 7555 Fax: (52-55) 5872 4065

SEPAC CORP.

Miami, Florida EUA
Tel: (305) 718 3379
Fax: (305) 718 3379