



## Expansion Visco reducing Plant – Cartagena Refinery

**Client:** ECOPEPETROL

**Location:** Colombia

**Scope:** EPC

**MH:** 80.000 (Engineering)

**Type of facility:** Surface Facility

**Holding:** OTEPI, SCHRADER Camargo, TULSA Heaters.

**Disciplines involved:** Instrumentation, Civil, Structural, Electrical, Piping Engineering.

**Description:** Optimization and Technologic upgrading of the Viscosity reduction Unit by including “soaker visbreaking” technology.

**Scope:** EPC Project to optimize, upgrade and improve facilities: inclusion and replacement equipment, replacement pneumatic instrumentation for facility automation, review, completion and integration detailed engineering, issue engineering for construction, procurement and permanent equipment.

Instrumentation and Electrical works, piping works, system isolation, start-up assistance, detailed furnace design and auxiliary equipment, design for conversion of pneumatic and electronic instrumentation, pathology detailed design for equipment modification.

