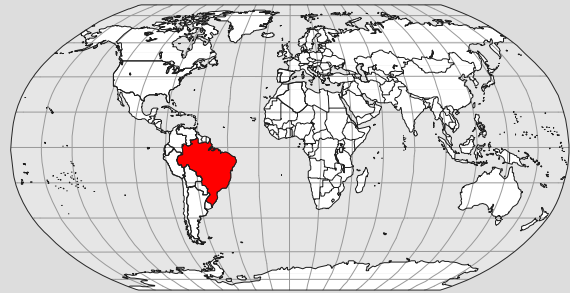


GAS TREATMENT PLANT – CACIMBAS Espírito Santo, Brazil – PETROBRAS



Main Facts

- **Description:** Gas Dew Point Control, Sweetening and Stabilization Plant.
- **Gas Processing Capacity:** 5.5 MMSCMD (194 MMSCFD).
- **Liquids Processing Capacity:** 4,200 m³/d (26,400 bpd).
- **Schedule:** January 2005 - October 2006 (22 months).

Scope

- Basic & Detailed Engineering
- Procurement
- Module Fabrication
- Module Commissioning
- Commissioning Assistance
- Start Up Assistance

Facilities

- Dew Point Control (Mechanical Refrigeration)
- MEG Injection & Regeneration Utilities (fuel gas, fire fighting, flare system, etc.)



Highlights

- Wide inlet gas composition & pressure ranges (very flexible design; gas/gas heat exchanger works as gas/condensate heat exchanger depending on operating case)
- Modules fabricated in Brazil & Argentina to fully exploit workshops capabilities & comply with brazilian regulations (minimum percentage of national fabrication)
- All pieces of equipment are skid mounted
- Receives gas from offshore platforms in the Peroá-Cangoá Fields.



CACIMBAS GAS PLANT – ESPÍRITO SANTO, BRAZIL – PETROBRAS

ARGENTINA

Encarnación Ezcurra 365
C1107CLA Buenos Aires
Ph.: +54 (11) 4347 0300

BOLIVIA

Torres CAINCO
Av. Las Américas 7 - Piso 10
Santa Cruz de la Sierra
Ph.: +591 (3) 336 2263

BRAZIL

Rio Office Park - Av. Victor Civita 77
Bloco 1, Edif. 6.2, 6° andar
22775-044 Barra da Tijuca
Rio de Janeiro (RJ)
Ph.: +55 (21) 3535-9855
Fax: +55 (21) 3535-9887

COLOMBIA

Calle 99 No. 9A - 45 Oficina 303 A
Barrio Chicó, Bogotá DC
Ph.: +57 (1) 745 8069
Fax: +57 (1) 745 8077

ECUADOR

Av. República de El Salvador 780
Edificio Twin Towers - Piso 6 - Quito
Ph.: +593 (2) 292 3943

MEXICO

Paseo de la Reforma 373 - Piso 14
Col. Cuauhtemoc, México D.F
Ph.: +52 (555) 207 2625

PERU

Av. Canaval y Moreyra N° 452,
Oficina 1401, San Isidro, Lima 27
Ph.: +(511) 705 3070

SAUDI ARABIA

P.O.Box 3865
Al Falak Towers, 5th.Floor
King Abdulaziz Road
Al Khobar 31952- KSA
Ph.: +966 (3) 887 5339

SPAIN

Av. del General Perón 38,
Edificio MASTER's 1 - Planta 13
28020, Madrid
Ph.: +34 (91) 556 6359 / 6751

USA

2500 City West Boulevard,
Suite 300
Houston, Texas
Ph.: +1 (713) 405 1836

VENEZUELA

Quinta Zamira, Sede EPSA,
Urbanización Chuao, Municipio Baruta,
Caracas, Venezuela
Ph.: +58 (212) 993 2215 / 3588