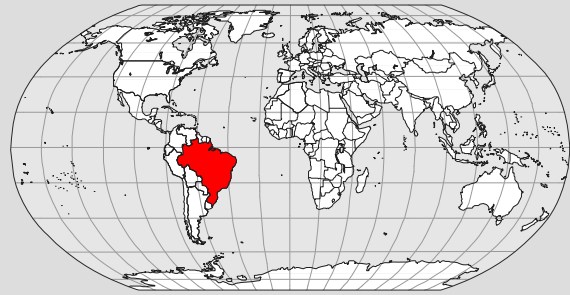


GAS COMPRESSION PLANTS – JUARUNA & COARI Amazon Rainforest, Brazil – TUM (TRANSPORTADORA URUCÚ MANAUS)



Main Facts

- Two plants in separate locations, with 2 turbocompressors each.
- Transport capacity increase from 4.1 to 5.5 MMSCMD
- **Starting date:** March 2010

Scope

- Basic engineering consistence analysis
- Detail engineering completion
- All equipment for two compression plants excepting turbocompressors, air coolers and generators, wich are supplied by TUM
- Material procurement
- Construction and mounting
- Control room
- Compressors house
- Precommissioning and commissioning
- Start up assistance and assisted operation

Facilities

- Interconnection with main pipeline.
- Filtration system
- Compression and cooling system
- Fuel gas system
- Security system
- Control system
- Vent system

Highlights

- Strategic project for the client.
- Demanding deadlines.
- Complex logistic, characteristic of the Amazon region.
- Transportation subject to rivers conditions.
- TUM is a PETROBRAS subsidiary
- In association with GDK



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