

## Coke Unit at Duque de Caxias Refinery

### Project

**Client**  
Petrobras S.A.

**Location**  
Rio de Janeiro,  
Brazil

**Period**  
2005 – 2007

**Participation**  
Skanska LA: 100%



### REDUC

REDUC is the most complex and third largest oil refinery in Brazil (242,000 barrels/day), with products like lubricants, gasoline, diesel fuel, jet fuel, LPG, bunker oil and petrochemical naphtha.

The purpose of the project is increase the production of light fractions and coke for the steel industry by residual oil cracking.

The project includes a Delayed Coking Unit (5,000 m<sup>3</sup>/day), Coke Yard and Expedition, Feed Pumps, Amine Gas Treating and Sour Water Units, a Cooling Tower and two Electric Substations.



### Scope of works

- Electro Mechanical Assembly Services, with partial materials supply, tests, commissioning and stand by to assisted operation in Lump Sum price adjustable, function of the real installment
- Partial material and instruments supply
- Civil construction and complementary services

### Main quantities

- 800 km of electric cables and instrumentation.
- 4.500 instruments and connections to process.
- 3.500 ton of piping.
- 3.200 ton of steel structure.
- 4.800 ton of equipments to be assembled.
- 350 ton of electrical and piping supports. □

### Contact

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