

## Ampliação da Central Eléctrica de Belo Jardim

Terceira, Açores

### **Belo Jardim Power Plant Addition**

Terceira Island, Azores

With a view to increasing the electric power available on Terceira Island in the Azores, EDA - Electricidade dos Açores, signed a contract with BWSC - Burmeister & Wain Scandinavian Contractor a/s, for the design and construction of the enlargement of the Belo Jardim Power Station.

This enlargement included the erection of two 4-stroke diesel generator sets with a combined mechanical power of 12.6 MW and 6.1 MW of useful electric power.

All the civil construction works (power station building, workshops, office buildings and ancillary structures), fuel tanks, gas exhaust chimney, accesses and exterior works and landscaping were awarded to **Seth**.

The civil construction works also include construction of the engine foundation pads – each involving 120 m<sup>3</sup> of concrete.



Vista aérea da central termoelétrica de Bejo Jardim  
À esquerda o edifício da nova ampliação.  
Em primeiro plano, o novo parque de combustíveis.

Aerial View of the Belo Jardim Power Station.  
Background, left: the new addition.



#### Intervenção SETH / **SETH's work share**

Edifício da Central / <i>Station building:</i>	1350 m <sup>2</sup>
Ponte rolante / <i>Overhead crane:</i>	35 ton
Chaminé de escape / <i>Exhaust stack height:</i>	30 m
Parque de tancagem / <i>Tank farm:</i>	8 tanks / 890 m <sup>3</sup> total

### Resumo da Obra **Work Summary**

Cliente	<b>B.W.S.C. a/s - EDA</b>	<i>Client</i>
Tipo de contrato	<b>Chave-na-Mão Turn-Key</b>	<i>Contract type</i>
Data de construção	<b>1995 - 1997</b>	<i>Construction period</i>
Custo	<b>PTE 700.000.000 USD 3,700,000</b>	<i>Cost</i>
Projectista	<b>B.W.S.C.</b>	<i>Architect &amp; Engineer</i>

