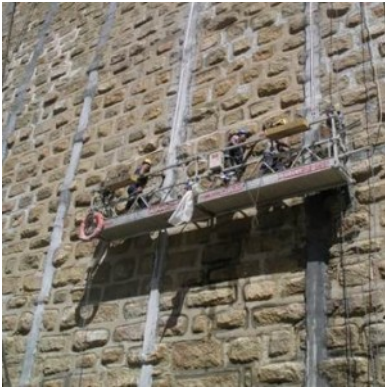




COVÃO DE FERRO DAM

DETAILED DESIGN; TECHNICAL ASSISTANCE TO THE CONSTRUCTION



Client: Hidroeléctrica da Ribeira de Alforfa, SA

Location: Alforfa River – Covilhã – Portugal

Design date: 2005 - 2005

Construction date: 2005 - 2005

Design by: José António Amaral (developed at Tecnasol, FGE)

Services: Detailed Design; Technical Assistance to the Construction

Construction: TECNASOL, FGE

Summary:

Dam wall and foundation rehabilitation.

Upgrading of all hydraulic components.

Drainage basin area: 1.92 km²

Average annual precipitation – 2 500 mm

Average total flow (annual) – 2 900 x 1 000 m³

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