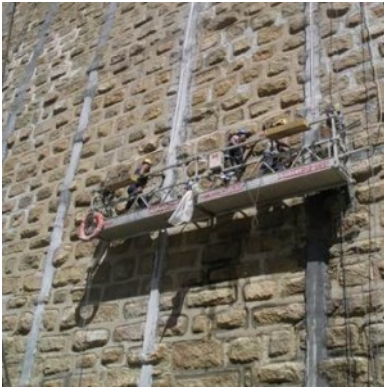




## COVÃO DE FERRO DAM

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 km<sup>2</sup>

Average annual precipitation – 2 500 mm

Average total flow (annual) – 2 900 x 1 000 m<sup>3</sup>

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