Dam:	Pedrógão	Country	Portugal
River	Guadiana	38°6'38.72"N 7°37'48.63"W	38.110756 -7.630131
Owner/Client	EDIA (Empresa de Desenvolvimento e Infra-Estruturas do Alqueva)		
Designer/Engineer	EDP Produção - EM		
Contractor	Engil, Mota J.V.		

Purpose (code)	F H I
Site start	19.08.2002
RCC start	01.02.2004
RCC completion	16.08.2004
Site completion	31.12.2005
Height (m)	43
Length (m)	448
Volume of RCC (m^3x10^3)	172
Total volume (m^3x10^3)	392
Reservoir capacity (m^3x10^6)	106
Upstream slope	V
Forming of upstream face (code)	(3')
Downstream slope	0.80
Forming of downstream face (code)	(3') *
Spillway slope	0.80
Forming of spillway face (code)	(12) *
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	55
Pozzolan content (kg/m^3)	165
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0314

Under Construction



RCCDAM0314UC

Completed Dam



RCCDAM0314CD

Google Earth



RCCDAM0314GE

Guide to Abbreviations

Purpose

E	Environmental
F	Flood control
G	Groundwater recharge
H	Flood control
I	Irrigation
N	Navigation
P	Pollution control
R	Recreation
W	Water supply

Facing method

(1)	Traditional concrete against formwork
(2)	Traditional concrete against formwork with external geomembrane
(3)	RCC against formwork
(4)	RCC against formwork with external geomembrane
(5)	Traditional concrete against precast concrete panels
(6)	Traditional concrete against precast concrete panels with geomembrane
(7)	RCC against precast concrete panels
(8)	RCC against precast concrete panels with geomembrane
(9)	RCC against precast concrete panels with hot poured membrane
(10)	RCC against precast concrete blocks
(11)	Reinforced conventional concrete cast before RCC placement
(12)	Reinforced conventional concrete cast after RCC placement
(13)	Reinforced concrete cast against precast units or slip-formed facing elements
(14)	Slip-formed/extruded facing elements
(15)	RCC supported by fill shoulders
(16)	Mechanically compacted unformed face of RCC
(17)	Unformed face of RCC
'	GEVR/GE-RCC
*	Stepped face

Pozzolans

(-)	No Pozzolan Used
(C)	High-lime flyash (ASTM Class C)
(F)	Low-lime flyash (ASTM Class F)
(M)	Milled sand
(N)	Natural pozzolan (ASTM Class N)
(R)	ROLAC (mixture of flyash and slag with or without limestone fines)
(S)	Ground-granulated blast-furnace slag
(L)	Mixture of GGBFS and limestone fines