Dam:	Caculo-Cabaça	Country	Angola
River	Kwanza	9°41'9.67"S 14°59'14.16"E	-9.686019 14.987267
Owner/Client	Ministry of Energy and Water		
Designer/Engineer	CSPDR (Changjiang Survey, Planning, Design and Research)		
Contractor	CGGC & Voith J.V.		

Purpose (code)	H
Site start	01.08.2017
RCC start	01.01.2025
RCC completion	31.12.2028
Site completion	31.03.2029
Height (m)	116
Length (m)	533
Volume of RCC (m^3x10^3)	1075
Total volume (m^3x10^3)	1450
Reservoir capacity (m^3x10^6)	436
Upstream slope	V
Forming of upstream face (code)	*Unknown*
Downstream slope	0.85
Forming of downstream face (code)	(12) *
Spillway slope	0.85
Forming of spillway face (code)	*Unknown*
Depth of layers (mm)	300
Depth of lifts (mm)	2400
Cement content (kg/m^3)	100
Pozzolan content (kg/m^3)	0
Code for pozzolan	*Unknown*
RCCDAM Unique Serial No.	RCCDAM0963

Google Earth



RCCDAM0963GE

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