Dam:	Kengkou	Country	China
River	Youxi	25°33'25.70"N 117°49'33.45"E	25.557138 117.825958
Owner/Client	Kengkou Reservoir Management Office		
Designer/Engineer	Fujian Institute of Investigation and Design of Water Conservancy and Hydropower		
Contractor	Fujian (Minjiang) Construction Bureau		

Purpose (code)	H W
Site start	01.11.1984
RCC start	01.11.1985
RCC completion	30.04.1986
Site completion	30.11.1986
Height (m)	57
Length (m)	123
Volume of RCC (m^3x10^3)	43
Total volume (m^3x10^3)	62
Reservoir capacity (m^3x10^6)	27
Upstream slope	V
Forming of upstream face (code)	(9)
Downstream slope	0.75
Forming of downstream face (code)	(10)
Spillway slope	0.75
Forming of spillway face (code)	(13)
Depth of layers (mm)	250 & 500
Depth of lifts (mm)	250 & 500
Cement content (kg/m^3)	60 60
Pozzolan content (kg/m^3)	120 80
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0022

Completed Dam



RCCDAM0022CD

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