Dam:	Shapai	Country	China
River	Caopohe	31°18'57.09"N 103°22'14.55"E	31.315859 103.370705
Owner/Client	Sichuan Minjiang Hydropower Co. Ltd.		
Designer/Engineer	Chengdu Hydroelectric Investigation and Design Institute, MOE & MWR		
Contractor	8th Construction Bureau, MOE & MWR		

Purpose (code)	H
Site start	16.06.1997
RCC start	29.03.2000
RCC completion	30.05.2002
Site completion	01.04.2003
Height (m)	132
Length (m)	230
Volume of RCC (m^3x10^3)	380
Total volume (m^3x10^3)	392
Reservoir capacity (m^3x10^6)	18
Upstream slope	V 0.10
Forming of upstream face (code)	(3')
Downstream slope	0.21
Forming of downstream face (code)	(3)
Spillway slope	crest 0.21
Forming of spillway face (code)	(1)
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	108 89
Pozzolan content (kg/m^3)	72 89
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0275

Under Construction



RCCDAM0275UC

Completed Dam



RCCDAM0275CD

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