Dam:	Mianhuatan	Country	China
River	Ting	24°39'43.09"N 116°35'45.4"E	24.661968 116.595947
Owner/Client	Mianhuatan Hydroelectric Development Corporation		
Designer/Engineer	Shanghai Institute of Investigation & Design of Water Conservancy and Hydropower, MOE &MWR		
Contractor	16th Construction Bureau		

Purpose (code)	F H N W
Site start	01.04.1998
RCC start	30.12.1998
RCC completion	20.11.2001
Site completion	30.04.2002
Height (m)	111
Length (m)	302
Volume of RCC (m^3x10^3)	500
Total volume (m^3x10^3)	615
Reservoir capacity (m^3x10^6)	2035
Upstream slope	V
Forming of upstream face (code)	(9)
Downstream slope	0.75
Forming of downstream face (code)	(3) *
Spillway slope	0.70
Forming of spillway face (code)	(13)
Depth of layers (mm)	300
Depth of lifts (mm)	3000
Cement content (kg/m^3)	82 59 48
Pozzolan content (kg/m^3)	100 88 88
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0256

Under Construction



RCCDAM0256UC

Completed Dam



RCCDAM0256CD

Google Earth



RCCDAM0256GE

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