

Dam: Chame Shir Country Iran

River Zohreh 30°10'58.47"N 50°52'24.69"E 30.182777 50.873524

Owner/Client Iran Water & Power Resources Development Company (IWPC)

Designer/Engineer Tehran-Sahab

Contractor Sabir

Purpose (code) F H I W

Site start 01.01.2011

RCC start 01.01.2016

RCC completion 31.12.2022

Site completion 17.07.2023

Height (m) 151

Length (m) 680

Volume of RCC (m³x10³) 1100

Total volume (m³x10³) 1200

Reservoir capacity (m³x10⁶) 2300

Upstream slope V

Forming of upstream face (code) Unknown

Downstream slope 0.70

Forming of downstream face (code) Unknown

Spillway slope Unknown

Forming of spillway face (code) Unknown

Depth of layers (mm) 300

Depth of lifts (mm) 300

Cement content (kg/m³) 160

Pozzolan content (kg/m³) 0

Code for pozzolan (-)

RCCDAM Unique Serial No. RCCDAM0674

Under Construction



RCCDAM0674UC

Google Earth



RCCDAM0674GE

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