

## MEYJARAN DAM – I.R. IRAN

---

Project Name	<b>Meyjaran Dam</b>
Project location	<b>IRAN- RAMSAR</b>
Client	<b>Mazandaran &amp; Golestan Regional Water Authority</b>
Contractor	<b>Cotra Co.</b>
Dam Type	<b>Homogeneous(clay)</b>
Height above foundation	<b>32 (m)</b>
Crest level (above sea level)	<b>153 (m)</b>
Crest length	<b>622 (m)</b>
Capacity of the Reservoir	<b>40,000,000 m<sup>3</sup></b>
End of construction	<b>June 2004</b>

### GENERAL VIEWS OF THE DAM DURING CONSTRUCTION









## INSTRUMENTS INSTALLED

<b>Instruments</b>	
V.W. Piezometers	No. 4 (Sisgeo models PK45S)
V.W. Earth pressure cells	No. 4 (Sisgeo model L143D)
Inclinometer-settlement casings	No. 3 for total 150 meter (Sisgeo S141 flush coupled ABS casing)
Magnet rings	No. 23 (Sisgeo model S131AF60000)
Hydraulic settlement cells	No. 7 DSM gauges (Sisgeo model D422F/R) No. 1 DSM reference gauges
Inclinometer probe with portable readout unit	No. 1 (Sisgeo model S242SV30)
Reservoir water level pressure transducers	No. 1 (Sisgeo model P252R)
Casagrande piezometers	No. 15 (Sisgeo model P101)
Instrument status	On June 2004 100 % of the instruments were working
	<b>Courtesy of Mazandaran &amp; Golestan Regional Water Authority</b>



*Installation of DSM hydraulic settlement system for embankment*



*Installation of DSM hydraulic settlement system for embankment*



*DSM hydraulic settlement system – embankment gauge*





*Installation of DSM hydraulic settlement system for embankment*



*V-notch for leakage measurements*