

GOLESTAN II DAM – I.R. IRAN

Project Name	Golestan II Dam
Purpose of the project	Irrigation
Project location	IRAN-GOLESTAN
Client	Mazandaran & Golestan Regional Water Authority
Contractor	PORNAM CO.
Dam Type	HEMOGEN EARTH DAM
Height above foundation	32 (m)
Crest level (above sea level)	102
Crest length	622 (m)
Capacity of the Reservoir	36000000 m³
End of construction	2005

GENERAL VIEWS OF THE DAM





INSTRUMENTS INSTALLED

Instruments	
V.W. Piezometers	No. 34 (Sisgeo models PK45S)
V.W. Earth pressure cells	No. 6 (Sisgeo model L143D)
Inclinometer-settlement casings	No. 5 for total 228 meter (Sisgeo S141 flush coupled ABS casing)
Hydraulic settlement cells	No. 3 DSM gauges (Sisgeo model D422F/R) No. 1 DSM reference gauges
Inclinometer probe with portable readout unit	No. 1 (Sisgeo model S242SV30)
Casagrande piezometers	No. 36 (Sisgeo model P101)
Instrument status	On March 2005 100 % of the instruments were working
	Courtesy of Mazandaran & Golestan Regional Water Authority



Instruments ready for the checking before installation



V-notch on dam downstream for leakage measurements



Staff gauges for direct readings of reservoir level