

## KAMAYESTAN DAM – I.R. IRAN

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Project Name	<b>Kamayestan Dam</b>
Purpose of the project	<b>Irrigation</b>
Project location	<b>IRAN – Khorasan- Sabzevar</b>
Client	<b>Khorasan Regional Water Authority</b>
Contractor	<b>Kahar –e- Khorasan CO.</b>
Dam Type	<b>CONCRETE GRAVITY DAM</b>
Height above foundation	<b>34.5 (m)</b>
Crest length	<b>835 (m)</b>
Capacity of the Reservoir	<b>1200000 m<sup>3</sup></b>
End of construction	<b>Feb.2002</b>

### GENERAL VIEW OF THE DAM



## INSTRUMENTS INSTALLED

<b>Instruments</b>	
V.W. Piezometers	No. 8 (Sisgeo models PK45A)
Extensometer	No. 4 (Sisgeo model D221A) 3-Point Borehole No. 4 (Sisgeo model D221A) 2-Point Borehole
Mechanical Joint Meter	No. 4 (Sisgeo model D3101) Uniaxial No. 2(Sisgeo model D3103) Triaxial
Pendulum System	No. 2 (Sisgeo model S9110025)
Geodetic Point	No. 16
Uplift Measurement	No. 10 (Sisgeo model PMAN2005)
Temperature sensors	No. 5 (Sisgeo RTD model T111PT10)
V-notch weir for seepage monitoring	No. 2 (Sisgeo model QVH10500)
Instrument status	On Feb 2005 100 % of the instruments were working
	<b>Courtesy of Khorasan Regional Water Authority</b>



*Direct pendulum with optical coordinate baseplate*



*Instruments ready on site for the installation*





*Mechanical 3-D jointmeter*



*Installation of mechanical jointmeter*