

KOOHRANG HPP – I.R. IRAN

Project Name	Koohrang HPP
Purpose of the project	Generate 128,000,000 Gwh/ y Electrical Energy
Project location	IRAN-Shahre kord
Client	I.W.P.C
Contractor	Payab kosar - Canivo
Dam Type	Earth Fill Dam
Height above foundation	15 m
Crest level (above sea level)	2345.5
Crest length	470 m
Capacity of the Reservoir	100,000 m³
Foundation soil	SG-GC
End of construction	Sep 2004

GENERAL VIEWS OF THE DAM





INSTRUMENTS INSTALLED

Instruments The installation started during 2003 and according to the dam construction schedule was terminated on 2004	
V.W. Piezometers	No. 35 (Sisgeo models PK45S)
Inclinometer-settlement casings	No. 25. (Sisgeo S141 flush coupled ABS casing)
Magnet rings	No. 120 (Sisgeo model S131AF60000)
Hydraulic settlement cells	No. 31 DSM gauges (Sisgeo model D422F/R) No. 4 DSM reference gauges
Inclinometer probe with portable readout unit	No. 2(Sisgeo model S242SV30)
Casagrande piezometers	No. 25 (Sisgeo model P101)
Bench marks	No. 20
Instrument status	On OCT 2004 100 % of the instruments were working
	Courtesy of I.W.P.C



DSM reference point (left) and switch measuring box (right)