

MAIN FEED WATER PIPE AND SECTIONS

Client/End User : J/V AEGEK s.a.-METON s.a. (Greece) / Thissavros Public Power Co.
(Thissavros Hydroelectric Power Plant, Nestos river, Greece)

Year : 1995

Work Description :

Installation of a 270m long, 7,3m diameter main water feed pipe in an underground tunnel plus 200m of 4,2m diameter pipe following the trifurcation area for supply of water to the generator houses.

Total weight of installed pipes : 2000 tns, plus 80 tns of supports.

The whole project was carried out in underground tunnels with downward slope of 15°.

To enable us to transport the pipe sections from the surface to their position in the tunnel, EKME designed special carriers, which traveled on rails installed by EKME along the tunnel by means of an electrical winch and were able to hydraulically position the pipe section for fit up with an accuracy of $\pm 3\text{mm}$.

All welds were 100% tested by x-rays



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