

๐.๖.๔๔.๗ Design of water Networks

Review on losses in pipes and application on Darcy-Weisbach's. friction, pipe network analysis, pipe network geometry, analysis of looped network, Hardy cross method, Newton Rap son method, linear theory method, applications of Newton rap son method and linear theory method, estimation of water demand of water supply, water transmission lines, pumping mains, gravity mains, pipe line on a topography with large elevation difference, water distribution mains, gravity and pumping, distribution mains, sewage, sewer pipes, design of sewer system, design of a storm sewer system, plumbing, specifications, hot water supply system, fire protection water system.