

**Abstract:**

The work we have done in this paper is to develop a software for selecting pumps Algerian (POVAL) based on hydraulic characteristics (flow, level HMT, and performance). Beaches and determine their fitness for performance optimal. For the purpose of saving time, facilitates the work, stores data, better information and a lot of other benefits (choice of pump type, installation, calculation of losses, operating point, the better range of operation .....).

**Keywords:** pump; the flow; HMT; performance.