

IS 8035 : 2022 Handpump - Shallow Well - Specification (Second Revision)

Shallow well handpumps are commonly used in rural and agricultural communities, as well as in emergency or disaster relief situations, where access to clean water is vital but other resources are scarce. They are also often used in small villages, schools, or remote areas where modern infrastructure is unavailable.

A shallow well handpump which is a manual water-pumping system designed for use in shallow wells, are typically designed for depths of up to 25 feet (about 7 meters). It is a simple and cost-effective solution for accessing groundwater in rural or remote areas where access to electricity or motorized pumps is limited or unavailable.

What a consumer should consider or see when purchasing a handpump, here is an overview. When purchasing a handpump, a consumer should evaluate factors such as the type of pump (shallow or deep well), **material quality**, **water flow rate**, **design comfort**, **ease of maintenance**, and the overall price. The goal is to choose a pump that is durable, efficient, and well-suited to the specific water needs and environmental conditions of the area.

The Indian Standard IS 8035 : 2022 specifies **material requirements, constructional requirements and testing methods** for the shallow well handpumps for lifting water from wells having static water level not exceeding 7 m below ground level.