Installing the PUMP

HAND PUMPS. Care must be observed in selecting a hand pump that will prevent filth from getting into the water. A safe pump has a stuffing box for the pump rod, a closed and turned down spout, and a solid or non-split base. The well casing should extend at least six (6) inches above the ground surface and at least one (1) inch above the concrete platform. The pump should be installed tightly onto the casing by means of a well seal. This will prevent waste water from seeping into the well.

Diagram:
- Stuffing box
- Turned down spout
- Well seal
- Asphaltic seal
- Sloping concrete platform

Types of sanitary pumpheads:
- Stuffing box
- Base of one piece casting