

DEEP WELL HAND PUMPS NEED DESIGN EVALUATION AND ONLY BEST OF MANUFACTURING PRACTICES CAN PROVIDE SAFE DRINKING WATER

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ABSTRACT : Deep well hand pumps are used extensively in developing countries – specially in India. Various brass components are used in these machines. The use of Arsenic as an additive for improving the stress corrosion resistance proves fatal for the users of these machines. Deep well hand pumps with modified safe design of cylinder liner and piston assembly need to be developed.
