

COUNCIL APPROVED  
COPY  
FOR OFFICE USE ONLY

SLS 922 : 1991

~~Draft~~ Sri Lanka Standard  
SPECIFICATION FOR DEEP-WELL RECIPROCATING HAND PUMPS

Sri Lanka Standards Institution

~~Draft~~ Sri Lanka Standard

## SPECIFICATION FOR DEEP-WELL RECIPROCATING HANDPUMPS

### FOREWORD

This standard was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 9/10/82 after the draft, finalized by the Drafting Committee on Water Pumps, had been approved by the Mechanical Engineering Divisional Committee.

All standard values given in this specification are in SI units.

The type of handpump covered by this specification is the 'deep-well reciprocating' type, which has found wider application in Sri Lanka compared to other types, for example : Direct action, Diaphragm and Progressive - cavity types.

The scope of this standard is limited to pumps operating upto 30 m depth. Pumps for greater depths will be the subject of a subsequent standard.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or an analysis, shall be rounded off in accordance with CS 102. The number of significant figures to be retained in the rounded off value shall be the same as that of the specified value in this standard.

The assistance derived from the publications of the International Organization for Standardization (ISO) and the British Standards Institution in the preparation of this standard is gratefully acknowledged.

### 1 SCOPE

This specification lays down minimum requirements of material, dimensions, performance, testing and sampling for deep-well reciprocating hand pumps used in wells upto a maximum depth of 30 metres and bore hole diameters of 100 mm and above.

### 2 REFERENCES

- |     |     |   |
|-----|-----|---|
| ISO | 630 | Structural steels   |
| BS  | 970 | Wrought steel for mechanical and allied engineering purposes                                  |
| CS  | 102 | Presentation of numerical values  |
| SLS | 147 | Rigid unplasticized polyvinyl chloride pipes for potable cold water supplies (first revision) |
| SLS | 268 | ISO metric screw threads  |