

Indian Standard

METHOD OF MEASUREMENT OF BUILDING AND CIVIL ENGINEERING WORKS

PART 5 FORMWORK

(Fourth Revision)

1 SCOPE

This standard (Part 5) covers the method of measurement of formwork, where it is required to be measured separately.

2 GENERAL RULES

2.1 Clubbing of Items

Items may be clubbed together provided these are on the basis of the detailed description of items stated in this standard.

2.2 Booking of Dimensions

In booking dimensions, the order shall be consistent and generally in the sequence of length, breadth or width and height or depth or thickness.

2.3 Description of Items

The description of each item shall, unless otherwise stated, be held to include where necessary, conveyance and delivery, handling, loading, unloading, storing, fabrication, hoisting, lowering, all labour for finishing to required shape and size, and levels of striking and removal.

2.4 Measurements

All works shall be measured net in decimal system, as fixed in its place as given in 2.4.1 and 2.4.2.

2.4.1 Dimensions shall be measured to the nearest 0.01m.

2.4.2 Areas shall be worked out to the nearest 0.01 m².

2.5 Work to be Measured Separately

Work executed in the following conditions shall be measured separately:

- a) Work in or under water,
- b) Work in liquid mud,
- c) Work in or under foul positions, and
- d) Work interrupted by tides.

2.5.1 The levels of high and low water tides, where occurring, shall be stated.

2.5.2 Where springs requiring pumping are likely to be encountered, the work shall be measured against a separate specific provision made for the purpose (see 2.5.3).

2.5.3 Special pumping, where resorted to, shall be measured separately for all stages of pumping, including intermediate stages, unless stated otherwise, in kilowatt hours or HP hours, against specific provision made for the purpose.

2.6 Bills of Quantities

The bills of quantities shall fully describe the materials and workmanship, and accurately represent the work to be executed.

2.7 Measurement of Stages

Work shall be measured under the following categories in convenient stages stating the height or depth:

- a) Below ground/datum level, and
- b) Above ground/datum level.

NOTE — The ground/datum level shall be specified in each case.