

**Standards for Machinery, Tool, Equipment**

**1. Prescribed Standard for Machinery, Tool, Equipment and Furniture**

- 1.1 (a) The syllabi for different trades for both Engineering and Non-Engineering Trades under Craftsmen Training Scheme are available on DGE&T Website <http://dget.nic.in/schemes/cts/Trade List.html>
- 1.1 (b) The syllabi for different sector/module wise under Center of Excellence Scheme (CoE) are available on DGE&T website- <http://dget.nic.in/coe/welcome.html>.
- 1.2 A Standard Lists of tools and equipment for both engineering and non-engineering trades under the Craftsmen Training Scheme is available in the respective syllabi of trades for reference. Tool and equipment prescribed in the standard list may be considered as the basic minimum requirement. The items which are not included in the standard list but are essential for training due to technological development may be procured by the Institute.
- 1.3 Stock registers are to be maintained at Institute as prescribed by the respective State Governments.
- The main machinery must be installed with grouted foundation in the ground.
  - The machinery made of metallic construction must bear the 'Name of ITI' and 'place' & Application No \_\_\_\_\_ with 'Hard Punch' at two places near the foundation.
  - The machinery with non-metallic construction equipment and Instruments must bear the 'name of ITI and place' & Application No \_\_\_\_\_ with 'Hard Punch' at two places near the foundation.
  - Duly engraved at two places.
  - Photographs of each main machinery with Principal/Authorized representative of owner/ Trust/Society have to be uploaded along with details of machinery in the on-line Application.
  - No old machinery, tool and equipment for any trade are acceptable for granting accreditation
  - Only new machinery /vehicle in running condition is acceptable for granting accreditation
  - Pollution certificate issued by Pollution control authority to be enclosed

- Copy of Vehicle registration should be uploaded
  - Vehicle should be in the name of the Institute
  - Where State Government have prescribed Standard of Furniture, etc. those standards will be used.
- 1.4 For affiliation of additional units where already units are affiliated, a comprehensive proposal mentioning the details of machineries and equipment already existing for the affiliated units and provided additionally for the additional units should be given. For example for Fitter trade where already 2 units (1+1) are affiliated then while submitting fresh trade/unit for two units (1+1) then total 4 units (2+2) should be given.

## **2. Instructional Materials:**

- 2.1 Written Instructional Materials/books/CDs and drawing of models are to be kept in library.
- 2.2 Audiovisual Aids, Computerization with Multi-media & Website facilities for Craftsmen Training in the Institute**
- 2.3 The audiovisual aids are essential for imparting Craftsmen Training effectively. Hence, the institutes are to be equipped with modern audiovisual equipment and aids. The instructors are to be encouraged to prepare and use audiovisual aids extensively. It is mandatory for all the Government and Private ITI to set up an exclusive computer lab with internet connectivity on every computer with multi-media. The Computer lab must have minimum ten computers/workstations and peripherals with internet facility irrespective of trade(s) or trade related computer requirement for an ITI affiliated with NCVT up to seating capacity of 100. For each additional unit affiliated, two computers/workstations must be added.  
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## **3. Modernization and Removal of Obsolescence**

Provision of modern equipment, removal of obsolescence, maintenance of building, provision of audiovisual aids, setting up Computer Lab having Computer and multi-media and website facility computerization, website facilities, reprographic facilities and good libraries should be continuous process and Institute should look into these aspects regularly and effectively.