



1. Name of Course:

Course on Additional Carpentry

N.C.O. No. for Skills Covered:
(Please refer National Classification of
Occupations -2004 available
on www.dget.nic.in)

2. Engineering OR Non-engineering: Non -Engineering

3. No. of students per batch: 20

4. Duration in Hours. : 60 hours

5. Duration in Month: 0.5 @ 30 hours/Week.

6. Examination Scheme:

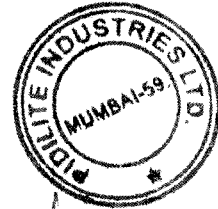
No.	Name of Subject	Teaching Hours during full course.	Maximum Marks. (Excluding Sessional)	Minimum Marks required for Passing (Excluding Sessional).
Subject-1	Theory	30	100	40
Subject-2	Practical	30	300	180

7. Entry qualification for Trainee:

Minimum entry qualification (Essential):	Passed 8 th Class
Desirable:	

8. Minimum qualification for Trainer:

Minimum qualification (Essential):	Diploma/Degree in Civil Engg. with 2/1 years / 10 th Pass with 5 years experience / ITI passed in Carpenter's trade and 1 year relevant experience
Desirable:	Experience of 1 Year minimum in Carpentry work



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9. Syllabus proposed by Pidilite Industries Limited:

10. **Terminal Skills of trainee:** (Should be well defined and having reference to NCO):

The trainee, after successful completion of training, will have following skills...

1. To be able to identify best adhesive appropriate for the carpentry need
2. To be able to perform proper lamination of wood
3. To be able to know proper ways of adhesive application to avoid bonding failure
4. To be able to polish and coat wood work for their best appearance

(please attach separate sheet, if more space is required)

11. Approximate cost of Tools / Equipments / Machinery for Starting one batch of the course:

Rupees Fifteen Thousand

Reference Year – 2015-16

12. Area required for practical / Workshop for one batch.

....80..... Sq. Meter

13. Minimum Power connection required

No power requirement.

14.1 No of items in Standard list of Machinery:

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14.1.1. Page NO from ___ to ___.

14.2 No of items in Standard list of Shop outfit:

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14.2.1. Page NO from ___ to ___.

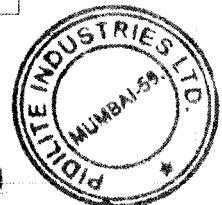
14.3 No of items in Standard list of Trainee Toll-Kit:

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14.1.1. Page NO from ___ to ___.



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Approved by GCVT in Governing Body meeting on :

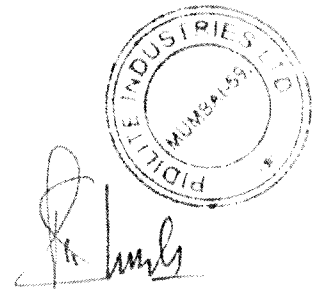
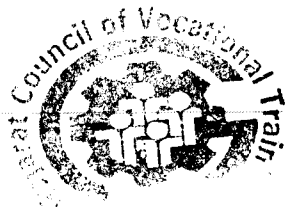
1-7-2015

Syllabus implemented w.e.f. admission session :

Next session

Revision History :

1. Revision No..... Revision Date.
2. Revision No..... Revision Date.
3. Revision No..... Revision Date.





Standard List of Machinery - Equipment / Shop-outfit / or Trainee Toolkit
For Course on Additional Carpentry Module

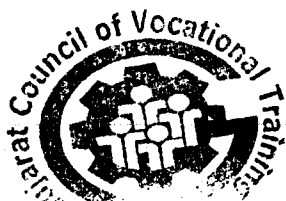
There are no machinery required for this module.

List of Consumables for Course on Additional Carpentry Module

1. Water based, Solvent based, Cyano based, Epoxy based, Hotmelt based
2. Various types of laminate samples and small pieces of wood
3. Glass, tiles for session 2 practical. Small pieces to demonstrate
4. Notched Plastic trowel, Roller, Pressing roller, Spray Gun
5. Various types of wood coating material, polishes
6. Masking tapes for better lamination



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**GUJARAT COUNCIL OF VOCATIONAL TRAINING
GANDHINAGAR**

Name of Syllabus: Course on Additional Carpentry Module

Sector: Craftsman

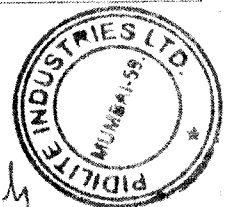
Terminal Competency: Expert in Bonding, application of adhesives and wood work

Duration – 2 weeks

Session -1 (Theoretical)	Session -1 (Practical)
Types of Glue - Water based, Solvent based, Cyano based, Epoxy based, Hotmelt based etc. Properties of the Glue and their functions during application	Physical appearance, Colour, Smell etc. Testing of Flow, viscosity, Drying behaviour. Open time, contact time etc.
Session -2 (Theoretical) Application Steps in Plywood laminate Furniture, Woodworking Furniture, Doors and other Panel fixing on wall.	Session -2 (Practical) Practical training of lamination on Laminate and Plywood, Horizontal and vertical lamination, Edge lamination, Panel Bonding, Glass Fixing on ply, wall, ceramic tiles etc. In Wood working - Edge to edge joint, Fingure Joint, Tenon and Mortise joint, Tongue and groove Joints etc. Preparation / Demonstration of Flush Door, HDF Skin Door, Veneer pasted Door, Wooden Panel doors etc.
Session -3 (Theoretical) Selection of Glue based on substrates	Session -3 (Practical) Practical Demonstration
Session -4 (Theoretical) Reason for bond failure – Debonding, Bubble formation, Edge lifting, Edge splitting etc.	Session -4 (Practical) Practical Demonstration with Audio Video to educate the carpenters.
Session -5 (Theoretical) Types of Applicators (Notched Plastic trowel, Roller, Spray Gun) and its function and advantage	Session -5 (Practical) Practical Trials
Session -6 (Theoretical) Mechanised Application being followed in joinery for lamination, wood working, Doors etc. For Modular Furniture , Modular Kitchen, Wooden Furniture	Session -6 (Practical) Arrange for two day outside visit to Joinery in nearby area to understand the application in depth. Also using AV to demonstrate
Session -7 (Theoretical) Wood finish, Wood coating :- Steps involved in wood finish and advantage of various wood coating to enhance aesthetics of furniture.	Session -7 (Practical) Practical Demonstration with PHL products



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