

**CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE**

Directorate General of Training (DGT)  
Government of India, Ministry of Skill Development and Entrepreneurship,  
Shram Shakti Bhavan, Rafi Marg  
New Delhi-110001

**Name and address of submitting body:**

Directorate General of Training (DGT)  
Government of India, Ministry of Skill Development and Entrepreneurship,  
Shram Shakti Bhavan, Rafi Marg  
New Delhi-110001

**Name and contact details of individual dealing with the submission**

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**List of documents submitted in support of the Qualifications File**

1. Competency-based curriculum (Annexure 1)
2. Advertisements of different organisations for posts relevant to NTC in the trade
3. Placement figures of few ITIs

### SUMMARY

<b>Qualification Title</b>	'Interior Design & Decoration'		
<b>Qualification Code</b>	N/A		
<b>Nature and purpose of the qualification</b>	National Trade Certificate; to train the 10 <sup>th</sup> class pass students in "Interior Design & Decoration" trade and thus creating an opportunity for the Trainee to get absorbed/ Job/Self Employment in Construction Sector		
<b>Body/bodies which will award the qualification</b>	National Council for Vocational Training (NCVT)		
<b>Body which will accredit providers to offer courses leading to the qualification</b>	<b>National Council for Vocational Training (NCVT)</b> affiliates the ITIs on the basis of accreditation by Quality Council of India (QCI).		
<b>Body/bodies which will carry out assessment of learners</b>	National Council for Vocational Training (NCVT)		
<b>Occupation(s) to which the qualification gives access</b>	The qualification gives access to jobs such as: <ul style="list-style-type: none"> <li>• Interior Designer</li> <li>• Decorator</li> <li>• Furniture Designer</li> <li>• Design Consultant</li> <li>• Associate Designer</li> </ul>		
<b>Licensing requirements</b>	N/A		
<b>Level of the qualification in the NSQF</b>	Level 4		
<b>Anticipated volume of training/learning required to complete the qualification</b>	<b>S. No.</b>	<b>Course Element</b>	<b>Notional Training Hours</b>
	1	Professional Skill (Trade Practical)	1232
	2	Professional Knowledge (Trade Theory)	264
	3	Workshop Calculation & Science	88
	4	Employability Skills	110
	5	Library & Extracurricular activities	66
	6	Project work	160
	7	Revision & Examination	160
		<b>Total</b>	<b>2080</b>
<b>Entry requirements and/or recommendations</b>	Passed 10th class under 10+2 System with Science & Mathematics or its equivalent		
<b>Progression from the qualification</b>	<ul style="list-style-type: none"> <li>• National Apprenticeship certificate (NAC) by NCVT.</li> <li>• Self Employment.</li> </ul>		
<b>Planned arrangements for the Recognition of Prior learning (RPL)</b>	<ol style="list-style-type: none"> <li>1. At present the students who have passed 10th class with minimum 3 years' experience in relevant field can appear for NCVT theory and practical semester examination directly.</li> <li>2. The students who have passed SCVT examination in Interior Design &amp; Decoration trade can also appear for the NCVT Examination in the relevant semester and trade directly.</li> </ol>		
<b>International comparability</b>	1. Existence of any official document suggesting the comparability		

where known	of the qualification with the qualifications in other countries is not known.		
	2. However, ITI passed out trainees are getting employment in many Gulf countries.		
Date of planned review of the qualification.	January 2023		
Formal structure of the qualification			
Title of component and identification code.	Mandatory/ Optional	Estimated size (learning hours)	Level
(i) Appraise and understand importance of interior designing & drawing instruments, drawing sheets, Lettering.	Mandatory	34	3
(ii) Draft the Geometrical shapes and projection with the help of engineering scale and free hand sketches.	Mandatory	102	4
(iii) Draft the design with the help of colour scheme and apply with rules and calculations.	Mandatory	68	4
(iv) Draw furniture designing & detailing.	Mandatory	102	4
(v) Draw residential plan with necessary working drawing.	Mandatory	170	4
(vi) Draw different types of staircase.	Mandatory	34	4
(vii) Basic knowledge of structural part of building.	Mandatory	34	4
(viii) Draw doors and windows & details.	Mandatory	68	4
(ix) Draw one and two point's perspective view.	Mandatory	68	4
(x) Prepare the power point presentation with animation.	Mandatory	68	4
(xi) Create object on 3D using tool bars, commands.	Mandatory	170	4
(xii) Draw different types of false ceiling by using CAD.	Mandatory	68	4
(xiii) Draw different types of flooring by using CAD.	Mandatory	68	4
(xiv) Draw different types of carpentry joints by using CAD.	Mandatory	68	4
(xv) Analyse and uses of paints, polish and varnish.	Mandatory	34	4
(xvi) Draw different types of partition wall by using CAD.	Mandatory	68	4
(xvii) Draw plumbing and drainage detail & sanitary fittings by using CAD.	Mandatory	34	4
(xviii) Draw lighting and electrical layout plan by using CAD.	Mandatory	68	4
(xix) Draw air conditioning layout by using CAD.	Mandatory	34	4

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(xx)	Draw commercial interiors by using CAD.	Mandatory	170	4
(xxi)	Recognize & comply safe working practices, environment regulation and housekeeping.	Mandatory	28	4
(xxii)	Understand and explain different mathematical calculation & science in the field of study including basic electrical. [Different mathematical calculation & science -Work, Power & Energy, Algebra, Geometry & Mensuration, Trigonometry, Heat & Temperature, elasticity]	Mandatory	30	4
(xxiii)	Interpret specifications, different drawing and apply for different application in the field of work. [Different drawing-Geometrical construction, Dimensioning, Layout, Method of representation, Symbol, Different Projections, Assembly drawing, Sectional views, Estimation of material]	Mandatory	30	4
(xxiv)	Read and apply engineering drawing for different application in the field of interior design work.	Mandatory	25	4
(xxv)	Explain the concept in productivity, quality tools, and labour welfare legislation and apply such in day to day work to improve productivity & quality.	Mandatory	25	5
(xxvi)	Explain energy conservation, global warming and pollution and contribute in day to day work by optimally using available resources.	Mandatory	15	5
(xxvii)	Explain personnel finance, entrepreneurship and manage/organize related task in day to day work for personal & societal growth.	Mandatory	15	5
(xxviii)	Plan and execute the work related to the occupation.	Mandatory	15	4

Please attach any document giving further detail about the structure of the qualification – eg a Curriculum Document or a Qualification Pack.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

## **SECTION 1**

### **ASSESSMENT**

#### **Body/Bodies which will carry out assessment:**

National Council for Vocational Training (NCVT)

#### **How will RPL assessment be managed and who will carry it out?**

1. At present the students who have passed 10th class with minimum 3 years' experience can appear for NCVT theory and practical semester examination directly.
2. The students who have passed SCVT examination in 'Interior Design & Decoration' trade can also appear for the NCVT Examination in the relevant semester and Trade directly. NCVT will carry out the assessment and State Directorates advertise in newspapers for informing the prospective candidates.

**Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of the NSQF.**

#### **(1) Assessment process:**

The assessment for the semester-based qualification is carried out by conducting formative assessments, and end-of-semester examinations. The internal assessments for theory subjects and practical are conducted by the concerned instructors for evaluating the knowledge and skill acquired by trainees and the behavioural transformation of the trainees. This internal assessment is primarily carried out by collecting evidence of competence gained by the trainees by evaluating them at work based on assessment criteria, asking questions and initiating formative discussions to assess understanding and by evaluating records and reports, and sessional marks are awarded to them. Theory and practical examinations are conducted in Trade theory and Employability Skills. The question papers for the theory Examinations contain objective type questions. Trade practical examinations are conducted by the respective State Governments. However, the question papers for the Trade practical are prepared by NCVT.

The marking pattern and distribution of marks for the qualification are as under:

<b>MARKING PATTERN</b>		
<b>S. No.</b>	<b>Subject for the trade test</b>	<b>Maximum marks for the each subject</b>
1	Trade Practical	<b>100</b>
2	Trade Theory	<b>80</b> Objective type Written Test of 80 marks (Trade Theory 30 Marks & Employability Skills 50 marks)
3	Employability Skills	
4	Internal Assessment	<b>20</b>
<b>TOTAL:</b>		<b>200</b>

#### **(2) Minimum pass marks:**

40% for each Theory Examination and 25% for each part/section of the Examination separately, and 60% marks for each Trade practical Examination.

**(3) Testing and certifications for the course:**

- OMR sheet based question paper.
- A panel of expert paper setters, who are graduates in the concerned field with minimum 5-7 years experience, is prepared for setting question papers for the Trade. The panel is vetted by the Member Secretary, NCVT.
- Paper setters are appointed from the panel after the approval of the competent authority for setting the question paper.
- The question papers are then moderated by the Board of Moderation to see if the paper is set as per the requirement and syllabus.
- The manuscripts of the moderated question papers are sent to Government Printing Presses for printing.
- Printed question papers, packed in sealed covers, are despatched to Banks/Police Stations for keeping in safe custody.
- The question papers are handed over to the Chairman/Principal of the Testing Centre two hours before the commencement of the Examination.
- An Examination Board consisting of representatives of industry/Employer/State Government are set up to supervise and monitor the conduct of Examinations at every Centre.
- Theory and practical Examinations are carried out with invigilators/examiners with the overall supervision of the Examination Board.
- Examiners called for evaluation of practical should have minimum technical qualification of a Diploma in the respective engineering field. However, when diploma holders not available, the qualification is suitably relaxed.
- Examiners for practical Examinations are appointed preferably from Polytechnics/Engineering colleges/Industry of repute. Government Departments or from amongst retired qualified personnel possessing requisite qualifications and sufficient experience in the trade/discipline.
- Each State Directorate prepares a panel of Examiners according to the norms as mentioned above and the Examiners are appointed from the panel.
- Flying squads from State Governments as well as the Central Government are constituted to check malpractices during the conduct of Examinations.
- OMR based answer sheets are evaluated by the third party evaluator only. Third party evaluator is selected for three years by open bidding process.
- Evaluation of every practical examination is carried out by the concerned examiner (from industry/polytechnics) with the overall supervision of the Examination Board in a free and fair manner as per the assessment criteria.
- Till 2014, the marks were compiled by the State Governments as per NCVT guidelines and the results were declared by the State Governments. At present, the marks are compiled by NCVT on its portal [www.ncvtmis.gov.in](http://www.ncvtmis.gov.in) and the results are declared by the State Governments.
- The successful trainees are awarded National Trade Certificates.

**Overall assessment strategy:**

Assessment of the qualification evaluates trainees to show that they can integrate knowledge, skills and values for carrying out relevant tasks as per the defined assessable outcomes and assessment criteria. The trainees may choose the preferred language for assessment. The underlying principle of assessment is fairness and transparency. While assessing the trainee, assessor is directed to assess as per the defined assessment criteria against the assessable outcomes. The evidence of the

competence acquired by the trainees can be obtained by conducting theory and practical examinations, observing the trainees at work, asking questions and initiating formative discussions to assess understanding and evaluating records and reports. The ultimate objective of the assessment is to assess the candidates as per the defined assessment criteria for the assessable/ learning outcomes.

#### **Specific Arrangements for assessment:**

- Assessment is outcome-based.
- There are formative and summative assessments in Theory and Practical.
- Assessment is carried out in Trade theory, Trade Practical, Workshop Calculation and Science and Employability Skills.
- While Trade Theory and Trade Practical are used for assessing Trade-related jobs, Workshop Calculation and Science is used to test trainee's numerical skills and Employability skills is used to test the communication, professional language, leadership, entrepreneurship and team-work abilities of the trainee.
- In addition to demonstration of theory and practical knowledge, trainees get a chance to present total personality.

#### **Quality assurance activities:**

- Question papers are set by external paper setters
- Evaluation of Theory Examinations is done by third-part agency. Third party evaluator is selected for three years by open bidding process.
- Trade Practical is examined by External Examiner (as explained above).

Please attach any documents giving further information about assessment and/or RPL.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

## ASSESSMENT EVIDENCE

**Complete a grid for each component as listed in "Formal structure of the the qualification" in the Summary.**

*NOTE: this grid can be replaced by any part of the qualification documentation which shows the same information – ie Learning Outcomes to be assessed, assessment criteria and the means of assessment.*

**Title of Component:** Interior Design & Decoration

**Generic Assessable Outcome:**

<b>GENERIC LEARNING/ ASSESSABLE OUTCOME</b>	
<b>LEARNING / ASSESSABLE OUTCOME</b>	<b>ASSESSMENT CRITERIA</b>
1. Recognize & comply safe working practices, environment regulation and housekeeping.	1.1 Follow and maintain procedures to achieve a safe working environment in line with occupational health and safety regulations and requirements.
	1.2 Recognize and report all unsafe situations according to site policy.
	1.3 Identify and take necessary precautions on fire and safety hazards and report according to site policy and procedures.
	1.4 Identify, handle and store / dispose off dangerous/unsalvageable goods and substances according to site policy and procedures following safety regulations and requirements.
	1.5 Identify and observe site policies and procedures in regard to illness or accident.
	1.6 Identify safety alarms accurately.
	1.7 Report supervisor/ Competent of authority in the event of accident or sickness of any staff and record accident details correctly according to site accident/injury procedures.
	1.8 Identify and observe site evacuation procedures according to site policy.
	1.9 Identify Personal Productive Equipment (PPE) and use the same as per related working environment.
	1.10 Identify basic first aid and use them under different circumstances.
	1.11 Identify different fire extinguisher and use the same as per requirement.
	1.12 Identify environmental pollution & contribute to avoidance of same.
	1.13 Take opportunities to use energy and materials in an environmentally friendly manner.
	1.14 Avoid waste and dispose waste as per procedure.
	1.15 Recognize different components of 5S and apply the same in the working environment.
2. Understand and explain different mathematical calculation & science in the field of study including basic electrical. <i>[Different mathematical</i>	2.1 Explain concept of basic science related to the field such as Material science, Mass, weight, density, heat & temperature, heat treatment.
	2.2 Measure dimensions as per drawing.
	2.3 Use scale/ tapes to measure for fitting to specification.
	2.4 Comply given tolerance.
	2.5 Prepare list of appropriate materials by interpreting detail

<i>calculation &amp; science - Work, Power &amp; Energy, Algebra, Geometry, Mensuration, Trigonometry, Heat &amp; Temperature, elasticity]</i>	drawings and determine quantities of such materials.
	2.6 Ensure dimensional accuracy of assembly by using different instruments/gauges.
	2.7 Explain basic electricity, insulation & earthing.
3. Interpret specifications, different engineering drawing and apply for different application in the field of work. <i>[Different engineering drawing-Geometrical construction, Dimensioning, Layout, Method of representation, Symbol, Different Projections, Assembly drawing, Sectional views, Estimation of material]</i>	3.1 Read & interpret the information on drawings and apply in executing practical work.
	3.2 Read & analyse the specification to ascertain the material requirement, tools, and assembly /maintenance parameters.
	3.3 Encounter drawings with missing/unspecified key information and make own calculations to fill in missing dimension/parameters to carry out the work.
4. Read and apply engineering drawing for different application in the field of interior design work.	4.1 Understand the basic concept of engineering drawing read and apply in interior field.
	4.2 Select appropriate measuring scale for drawing & designing.
	4.3 Measure dimension of the components/objects & draw in given drawing / designs in the field of interior design work.
5. Explain the concept in productivity, quality tools, and labour welfare legislation and apply such in day to day work to improve productivity & quality.	5.1 Explain the concept of productivity and quality tools and apply during execution of job.
	5.2 Understand the basic concept of labour welfare legislation and adhere to responsibilities and remain sensitive towards such laws.
	5.3 Knows benefits guaranteed under various acts
6. Explain energy conservation, global warming and pollution and contribute in day to day work by optimally using available resources.	6.1 Explain the concept of energy conservation, global warming, pollution and utilize the available recourses optimally & remain sensitive to avoid environment pollution.
	6.2 Dispose waste following standard procedure.
7. Explain personnel	7.1 Explain personnel finance and entrepreneurship.

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### Interior Design & Decoration

finance, entrepreneurship and manage/organize related task in day to day work for personal & societal growth.	7.2 Explain role of Various Schemes and Institutes for self-employment i.e. DIC, SIDA, SISI, NSIC, SIDO, Idea for financing/ non financing support agencies to familiarizes with the Policies /Programmes & procedure & the available scheme.
	7.3 Prepare Project report to become an entrepreneur for submission to financial institutions.
8. Plan and execute the work related to the occupation.	8.1 Use documents, drawings and recognize hazards in the work site.
	8.2 Plan workplace/ assembly location with due consideration to operational stipulation
	8.3 Communicate effectively with others and plan project tasks
	8.4 Execute the task effectively.

### Specific Assessable Outcomes:

SPECIFIC LEARNING / ASSESSABLE OUTCOMES	
SEMESTER-I	
LEARNING/ ASSESSABLE OUTCOMES	ASSESSMENT CRITERIA
9. Appraise and understand importance of interior designing & drawing instruments, drawing sheets, Lettering.	9.1 Appraise the importance of interior designing in socio economic point of view.
	9.2 Identify the requirement of designing to modernize and also link it with our past eras with change of habit and use.
	9.3 Compare and relate interior designing with other industries.
	9.4 Functional and operational knowledge of tools equipments and drawing materials and its operations.
	9.5 Employ & use the lettering.
10. Draft the Geometrical shapes and projection with the help of engineering scale and free hand sketches.	10.1 Explain the ISI and code of practice for interior design & drawing.
	10.2 Understand & apply engineering scale in drawing.
	10.3 Draw Geometrical shapes of solids.
	10.4 Draw projections and view.
	10.5 Apply different techniques of free hand sketches.
11. Draft the design with the help of colour scheme and apply with rules and calculations.	11.1 Recognize the elements and principle of designing in interior.
	11.2 Apply arithmetic aptitude for Interior drawing.
	11.3 Recognize and apply colour sets and graphics symbols.
	11.4 Prepare the space utility planning.
12. Draw furniture	12.1 Homologation of different types of furniture.

designing & detailing	12.2 Design furniture with space utilisation.
13. Draw residential plan with necessary working drawing.	13.1 Make outline of dimensions, circulation flow and layout. 13.2 Execute ideas in interior plan. 13.3 Demonstrate planning elements.
14. Draw different types of staircase.	14.1 Distinguish different types of staircase. 14.2 Draw staircase drawing with sectional detail.
15. Basic knowledge of structural part of building.	15.1 Appraise different types of load bearing portion of a structure.
16. Draw doors and windows & details.	16.1 Appraise and apply different types of doors, windows and ventilators. 16.2 Draw door & windows with sectional detail. 16.3 Illustrate the requirement of the doors & window locations.
17. Draw one and two point's perspective view.	17.1 Illustrate & draw the different types of perspective views.
18. Prepare the power point presentation with animation.	18.1 Demonstrate and apply different types of command on Power Points Presentation. 18.2 Prepare the PPT with animation
<b>SEMESTER-II</b>	
19. Create object on 3D using tool bars, commands.	19.1 Demonstrate and apply the different types of command on 3D. 19.2 Demonstrate use of tool bars, commands, menus, formatting layers, and styles etc. 19.3 Prepare drawing in 3D software.
20. Draw different types of false ceiling by using CAD.	20.1 Illustrate application of different types of ceiling and levels. 20.2 Execute the layout and material knowledge.
21. Draw different types of flooring by using CAD.	21.1 Appraise the flooring material according to place/site requirement. 21.2 Recognize and apply flooring material according to colour scheme, thickness and graphic symbols.
22. Draw different types of carpentry joints by using CAD.	22.1 Appraise the requirement and importance of joints in furniture or other places. 22.2 Draw joint details.

23. Analyse and uses of paints, polish and varnish.	23.1 Illustrate & recognize paints, polish, varnishes and their uses, types, method.
	23.2 Appraise techniques which are used.
24. Draw different types of partition wall by using CAD.	24.1 Explain different types of wall, partition wall.
	24.2 Recognize material property those are used in partition.
	24.3 Prepare working drawing of partition wall.
25. Draw plumbing and drainage detail & sanitary fittings by using CAD.	25.1 Appraise the plumbing and sanitation and their purpose/Requirement.
	25.2 Illustrate types of plumbing & sanitation system.
	25.3 Recognize sanitary fittings and apply on the layout.
	25.4 Make a plumbing drawing and sanitary drawing of a house drainage plan.
26. Draw lighting and electrical layout plan by using CAD.	26.1 Explain the importance of lighting in interior designing.
	26.2 Illustrate the types of lighting arrangement.
	26.3 Illustrate the use of lights & lamps & use of the same at proper places.
	26.4 Apply the lights and accessories with all specification in false ceiling layout plan.
27. Draw air conditioning layout by using CAD.	27.1 Understanding the necessities of air conditioning.
	27.2 Functional knowledge of types of air conditioning.
	27.3 Recognizing and applying of the proper air conditioning system suitable for a space.
28. Draw commercial interiors by using CAD.	28.1 Appraise dimension, circulation and layout.
	28.2 Execute ideas arithmetically in plan.
	28.3 Demonstrate planning elements.
	28.4 Draw Free hand sketches and 3D views.

**Means of assessment 1**

Assessment will be evidence based comprising the following:

- Job carried out in labs/workshop
- Record book/ daily diary
- Answer sheet of assessment
- Viva-voce
- Progress chart
- Attendance and punctuality
- Assignment
- Project work

**Means of assessment 2****Pass/Fail**

The minimum pass percentage is 60% marks for each Trade practical Examination, 40% for each Theory Examination and 25% for each part/section of the Examination separately.

**SECTION 2**  
**EVIDENCE OF LEVEL**

## NSQF QUALIFICATION FILE

### Interior Design & Decoration

#### OPTION A

Title/Name of qualification/component: Interior Design & Decoration		Level: 4	
NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF level descriptors	NSQF Level
Process	<p><b>Familiar, Predictable, Routine Situations of Clear Choice</b></p> <ul style="list-style-type: none"> <li>• Draft the Geometrical shapes and projection with the help of engineering scale and free hand sketches.               <ul style="list-style-type: none"> <li>○ Draw Geometrical shapes of solids.</li> <li>○ Draw projections and view.</li> <li>○ Apply different techniques of free hand sketches.</li> </ul> </li> <li>• Draft the design with the help of colour scheme and apply with rules and calculations.               <ul style="list-style-type: none"> <li>○ Apply arithmetic aptitude for Interior drawing.</li> <li>○ Recognize and apply colour sets and graphics symbols.</li> </ul> </li> <li>• Draw furniture designing &amp; detailing               <ul style="list-style-type: none"> <li>○ Homologation of different types of furniture.</li> <li>○ Design furniture with space utilisation.</li> </ul> </li> <li>• Draw residential plan with necessary working drawing.               <ul style="list-style-type: none"> <li>○ Make outline of dimensions, circulation flow and layout.</li> <li>○ Execute ideas in interior plan.</li> </ul> </li> <li>• Draw different types of staircase.               <ul style="list-style-type: none"> <li>○ Draw staircase drawing with sectional detail.</li> </ul> </li> <li>• Draw doors and windows &amp; details.               <ul style="list-style-type: none"> <li>○ Appraise and apply different types of doors, windows and ventilators.</li> <li>○ Draw door &amp; windows with sectional detail.</li> </ul> </li> <li>• Draw one and two point's perspective view.               <ul style="list-style-type: none"> <li>○ Illustrate &amp; draw the different types of perspective views.</li> </ul> </li> </ul>	<p>In all the learning outcomes for example 'Draw furniture designing &amp; detailing' and 'Draw residential plan with necessary working drawing', the learner will be required to choose appropriate tools, formats, templates, shortcut keys as per the requirement of the job. The work will however be done within a familiar, predictable and routine range of situations as mentioned in the assessment criteria.</p> <p>Thus the learner requires to demonstrate ability to work in familiar, predictable, routine, situation of clear choice.</p> <p>And the NSQF level as per this descriptor will be 4.</p>	4

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### Interior Design & Decoration

Title/Name of qualification/component: Interior Design & Decoration		Level: 4	
NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> <li>• Draw different types of false ceiling by using CAD.               <ul style="list-style-type: none"> <li>○ Illustrate application of different types of ceiling and levels.</li> <li>○ Execute the layout and material knowledge.</li> </ul> </li> <li>• Draw different types of flooring by using CAD.               <ul style="list-style-type: none"> <li>○ Appraise the flooring material according to place/site requirement.</li> <li>○ Recognize and apply flooring material according to colour scheme, thickness and graphic symbols.</li> </ul> </li> <li>• Draw different types of carpentry joints by using CAD.               <ul style="list-style-type: none"> <li>○ Appraise the requirement and importance of joints in furniture or other places.</li> <li>○ Draw joint details.</li> </ul> </li> <li>• Draw different types of partition wall by using CAD.               <ul style="list-style-type: none"> <li>○ Recognize material property those are used in partition.</li> <li>○ Prepare working drawing of partition wall.</li> </ul> </li> <li>• Draw plumbing and drainage detail &amp; sanitary fittings by using CAD.               <ul style="list-style-type: none"> <li>○ Appraise the plumbing and sanitation and their purpose/Requirement.</li> <li>○ Make a plumbing drawing and sanitary drawing of a house drainage plan.</li> </ul> </li> <li>• Draw lighting and electrical layout plan by using CAD.               <ul style="list-style-type: none"> <li>○ Illustrate the use of lights &amp; lamps &amp; use of the same at proper places.</li> <li>○ Apply the lights and accessories with all specification in false ceiling layout plan.</li> </ul> </li> <li>• Draw air conditioning layout by using CAD.               <ul style="list-style-type: none"> <li>○ Functional knowledge of types of air conditioning.</li> <li>○ Recognizing and applying of the proper air conditioning system</li> </ul> </li> </ul>		

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### Interior Design & Decoration

Title/Name of qualification/component: Interior Design & Decoration		Level: 4	
NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF level descriptors	NSQF Level
	<p>suitable for a space.</p> <ul style="list-style-type: none"> <li>• Draw commercial interiors by using CAD.               <ul style="list-style-type: none"> <li>○ Appraise dimension, circulation and layout.</li> <li>○ Draw Free hand sketches and 3D views.</li> </ul> </li> </ul>		
Professional knowledge	<p><b>Knowledge of facts in a field of work or study</b></p> <ul style="list-style-type: none"> <li>• Importance &amp; necessity of interior designing.</li> <li>• Demonstrate tools and equipments</li> <li>• Drawing instrument, equipments and raw material their used.</li> <li>• Code of practice for general interior drawing.</li> <li>• Basic knowledge of geometrical shapes &amp; lines.</li> <li>• Definition of projection, Types of projection</li> <li>• Definition: -               <ul style="list-style-type: none"> <li>i. Layout of plan</li> <li>ii. Elevation (Front &amp; side elevation)</li> <li>iii. Sectional Elevation</li> </ul> </li> <li>• Introduction of basic interior design.               <ul style="list-style-type: none"> <li>i. Elements- example: line, etc.</li> <li>ii. Principle of design example: balance, emphasis etc.</li> </ul> </li> <li>• Understand the psychological affects by different colors on different person and places.</li> <li>• Introduction of Graphic symbols in interior.</li> <li>• Furniture styles:               <ul style="list-style-type: none"> <li>i. Traditional/classic style.</li> <li>ii. Ethnic style.</li> <li>iii. Contemporary style.</li> </ul> </li> </ul>	<p>The learner will need to be well versed with Factual knowledge of field of interior designing, engineering drawing, computer applications drawing for example 'Importance &amp; necessity of interior designing', 'Basic knowledge of geometrical shapes &amp; lines' and 'Concept of 3D drawing' Hence NSQF Level is 4 for this descriptor</p>	4

## NSQF QUALIFICATION FILE

### Interior Design & Decoration

Title/Name of qualification/component: Interior Design & Decoration		Level: 4	
NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> <li>• Types of furniture:               <ol style="list-style-type: none"> <li>i. Daily uses furniture</li> <li>ii. Loose carpentry furniture.</li> <li>iii. Fixed carpentry furniture.</li> <li>iv. Multi-utility storage</li> <li>v. Open &amp; closed storage</li> </ol> </li> <li>• Importance of anthropometric and ergonomics.</li> <li>• Space selection for circulation and furniture.</li> <li>• Uses of furniture templates.</li> <li>• Requirement and placement of good Staircase.</li> <li>• Basic terminology of R.C.C. Staircase.</li> <li>• Introduction of hardware fitting in door &amp; windows with dimension</li> <li>• Placement of door &amp; windows regarding circulation of space</li> <li>• Concept of 3D drawing.</li> <li>• Definition of false ceiling to understand the job fabrication installation process of false ceiling with Gyp board / POP board / Ply / Wood</li> <li>• Finishing materials used for false ceiling.</li> <li>• Types of floor finishing               <ol style="list-style-type: none"> <li>i. Stone , ii. Marble, iii. Mosaic Vinyl, iv. Vitrified tiles, v. Ceramic tiles, vi. PVC, vii. Carpet, viii. Laminated, ix. Glass</li> </ol> </li> <li>• Carpentry joints: Types of joints               <ol style="list-style-type: none"> <li>Butt joint, ii. Mitre joint, iii. Lap joint, iv. Mortise and Tenon joint, v. Tounge and groove joint, vi. Housed joint, vii. Cross joint</li> </ol> </li> <li>• Method of preparation and types of polish on wood.</li> <li>• Introduction of partition wall, Property of a good partition wall</li> </ul>		

## NSQF QUALIFICATION FILE

### Interior Design & Decoration

Title/Name of qualification/component: Interior Design & Decoration		Level: 4	
NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> <li>• Purpose and principle of house drainage.</li> <li>• Types of Drainage plumbing system</li> <li>• Introduction of natural and artificial light.</li> <li>• Different types of lighting arrangements</li> <li>• Principle of Air Conditioning</li> <li>• Types of Air Conditioning</li> <li>• Office design guidelines and office space standard.</li> </ul>		
Professional skill	<p><b>Recall and demonstrate practical skill, routine and repetitive in narrow range of application using appropriate rule and tool</b></p> <ul style="list-style-type: none"> <li>• Draft the Geometrical shapes and projection with the help of engineering scale and free hand sketches.               <ul style="list-style-type: none"> <li>○ Explain the ISI and code of practice for interior design &amp; drawing.</li> <li>○ Understand &amp; apply engineering scale in drawing.</li> <li>○ Draw Geometrical shapes of solids.</li> <li>○ Draw projections and view.</li> <li>○ Apply different techniques of free hand sketches.</li> </ul> </li> <li>• Draft the design with the help of colour scheme and apply with rules and calculations.               <ul style="list-style-type: none"> <li>○ Recognize the elements and principle of designing in interior.</li> <li>○ Apply arithmetic aptitude for Interior drawing.</li> <li>○ Recognize and apply colour sets and graphics symbols.</li> <li>○ Prepare the space utility planning.</li> </ul> </li> <li>• Draw furniture designing &amp; detailing               <ul style="list-style-type: none"> <li>○ Homologation of different types of furniture.</li> <li>○ Design furniture with space utilisation.</li> </ul> </li> </ul>	The learner after the trainer will be able to work independently and recall and demonstrate practical skill, routine and repetitive in narrow range of application, using appropriate rule and tool as per the job given to them. This can be ascertained by reading the Assessment Criteria.	4

## NSQF QUALIFICATION FILE

### Interior Design & Decoration

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NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> <li>• Draw residential plan with necessary working drawing.               <ul style="list-style-type: none"> <li>○ Make outline of dimensions, circulation flow and layout.</li> <li>○ Execute ideas in interior plan.</li> <li>○ Demonstrate planning elements.</li> </ul> </li> <li>• Draw different types of staircase.               <ul style="list-style-type: none"> <li>○ Distinguish different types of staircase.</li> <li>○ Draw staircase drawing with sectional detail.</li> </ul> </li> <li>• Draw doors and windows &amp; details.               <ul style="list-style-type: none"> <li>○ Appraise and apply different types of doors, windows and ventilators.</li> <li>○ Draw door &amp; windows with sectional detail.</li> <li>○ Illustrate the requirement of the doors &amp; window locations.</li> </ul> </li> <li>• Draw one and two point's perspective view.               <ul style="list-style-type: none"> <li>○ Illustrate &amp; draw the different types of perspective views.</li> </ul> </li> <li>• Draw different types of false ceiling by using CAD.               <ul style="list-style-type: none"> <li>○ Illustrate application of different types of ceiling and levels.</li> <li>○ Execute the layout and material knowledge.</li> </ul> </li> <li>• Draw different types of flooring by using CAD.               <ul style="list-style-type: none"> <li>○ Appraise the flooring material according to place/site requirement.</li> <li>○ Recognize and apply flooring material according to colour scheme, thickness and graphic symbols.</li> </ul> </li> <li>• Draw different types of carpentry joints by using CAD.               <ul style="list-style-type: none"> <li>○ Appraise the requirement and importance of joints in furniture or other places.</li> <li>○ Draw joint details.</li> </ul> </li> <li>• Draw different types of partition wall by using CAD.</li> </ul>		

## NSQF QUALIFICATION FILE

### Interior Design & Decoration

Title/Name of qualification/component: Interior Design & Decoration		Level: 4	
NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> <li>○ Explain different types of wall, partition wall.</li> <li>○ Recognize material property those are used in partition.</li> <li>○ Prepare working drawing of partition wall.</li> <li>● Draw plumbing and drainage detail &amp; sanitary fittings by using CAD.               <ul style="list-style-type: none"> <li>○ Appraise the plumbing and sanitation and their purpose/Requirement.</li> <li>○ Illustrate types of plumbing &amp; sanitation system.</li> <li>○ Recognize sanitary fittings and apply on the layout.</li> <li>○ Make a plumbing drawing and sanitary drawing of a house drainage plan.</li> </ul> </li> <li>● Draw lighting and electrical layout plan by using CAD.               <ul style="list-style-type: none"> <li>○ Explain the importance of lighting in interior designing.</li> <li>○ Illustrate the types of lighting arrangement.</li> <li>○ Illustrate the use of lights &amp; lamps &amp; use of the same at proper places.</li> <li>○ Apply the lights and accessories with all specification in false ceiling layout plan.</li> </ul> </li> <li>● Draw air conditioning layout by using CAD.               <ul style="list-style-type: none"> <li>○ Understanding the necessities of air conditioning.</li> <li>○ Functional knowledge of types of air conditioning.</li> <li>○ Recognizing and applying of the proper air conditioning system suitable for a space.</li> </ul> </li> <li>● Draw commercial interiors by using CAD.               <ul style="list-style-type: none"> <li>○ Appraise dimension, circulation and layout.</li> <li>○ Execute ideas arithmetically in plan.</li> <li>○ Demonstrate planning elements.</li> <li>○ Draw Free hand sketches and 3D views.</li> </ul> </li> </ul>	<p>The learner will also be responsible for own quality of work and will have to use quality tools to check own work to ensure conformance to requirements of the job.</p> <p>Hence NSQF Level is 4 for this descriptor</p>	

## NSQF QUALIFICATION FILE

### Interior Design & Decoration

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NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF level descriptors	NSQF Level
Core skill	<p><b>Language to communicate written or oral, with required clarity</b></p> <ul style="list-style-type: none"> <li>• Read &amp; interpret the information on drawings and apply in executing practical work.</li> <li>• Read &amp; analyse the specification to ascertain the material requirement, tools, and assembly /maintenance parameters.</li> <li>• Encounter drawings with missing/unspecified key information and make own calculations to fill in missing dimension/ parameters to carry out the work.</li> <li>• Understand the basic concept of engineering drawing read and apply in interior field.</li> <li>• Select appropriate measuring scale for drawing &amp; designing.</li> <li>• Measure dimension of the components/objects &amp; draw in given drawing / designs in the field of interior design work.</li> </ul> <p><b>Skill to basic arithmetic and algebraic principles</b></p> <ul style="list-style-type: none"> <li>• Understand and explain different mathematical calculation &amp; science in the field of study including basic electrical. <i>[Different mathematical calculation &amp; science -Work, Power &amp; Energy, Algebra, Geometry, Mensuration, Trigonometry, Heat &amp; Temperature, elasticity]</i> <ul style="list-style-type: none"> <li>○ Explain concept of basic science related to the field such as Material science, Mass, weight, density, heat &amp; temperature, heat treatment.</li> </ul> </li> </ul>	<p>The work of interior designing involves drawing geometrical shapes, drawing furniture designing, drawing residential plan, drawing commercial interiors using CAD etc on the computer which requires competence in written language with required clarity.</p> <p>The learner will also need to communicate with team supervisor to understand the job and explain ones work which requires competence in oral language, with required clarity.</p> <p>The learner will have to be skilled in basic arithmetic</p>	4

## NSQF QUALIFICATION FILE

### Interior Design & Decoration

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NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> <li>○ Measure dimensions as per drawing.</li> <li>○ Use scale/ tapes to measure for fitting to specification.</li> <li>○ Comply given tolerance.</li> <li>○ Prepare list of appropriate materials by interpreting detail drawings and determine quantities of such materials.</li> <li>○ Ensure dimensional accuracy of assembly by using different instruments/gauges.</li> <li>○ Explain basic electricity, insulation &amp; earthing.</li> </ul> <p><b>Basic understanding of social political and natural environment</b></p> <ul style="list-style-type: none"> <li>● Recognize &amp; comply safe working practices environment regulation and housekeeping.               <ul style="list-style-type: none"> <li>○ Follow and maintain procedures to achieve a safe working environment in line with occupational health and safety regulations and requirements.</li> <li>○ Identify and take necessary precautions on fire and safety hazards and report according to site policy and procedures.</li> <li>○ Report supervisor/ Competent of authority in the event of accident or sickness of any staff and record accident details correctly according to site accident/injury procedures.</li> <li>○ Identify environmental pollution &amp; contribute to the avoidance of instances of environmental pollution.</li> <li>○ Take opportunities to use energy and materials in an environmentally friendly manner</li> <li>○ Avoid waste and dispose waste as per procedure</li> </ul> </li> </ul>	<p>and algebraic principles in order to work with formulas and measurement related work</p> <p>The learner will also need to have basic understanding of social political and natural environment as mentioned in the learning outcome for example 'Recognize &amp; comply environment regulation and housekeeping' Hence NSQF Level is 4 for this descriptor</p>	

## NSQF QUALIFICATION FILE

### Interior Design & Decoration

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NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> <li>○ Recognize different components of 5S and apply the same in the working environment.</li> <li>● Explain the concept in productivity, quality tools, and labour welfare legislation and apply such in day to day work to improve productivity &amp; quality.               <ul style="list-style-type: none"> <li>○ Understand the basic concept of labour welfare legislation and adhere to responsibilities and remain sensitive towards such laws.</li> </ul> </li> <li>● Explain energy conservation, global warming and pollution and contribute in day to day work by optimally using available resources.               <ul style="list-style-type: none"> <li>○ Explain the concept of energy conservation, global warming, pollution and utilize the available recourses optimally &amp; remain sensitive to avoid environment pollution.</li> <li>○ Dispose waste following standard procedure.</li> </ul> </li> </ul>		
Responsibility	<ul style="list-style-type: none"> <li>● Appraise and understand importance of interior designing &amp; drawing instruments, drawing sheets, Lettering.</li> <li>● Draft the Geometrical shapes and projection with the help of engineering scale and free hand sketches.</li> <li>● Draft the design with the help of colour scheme and apply with rules and calculations.</li> <li>● Draw furniture designing &amp; detailing</li> <li>● Draw residential plan with necessary working drawing.</li> <li>● Draw different types of staircase.</li> <li>● Basic knowledge of structural part of building.</li> <li>● Draw doors and windows &amp; details.</li> </ul>	<p>The interior design and decoration technician has to perform all the learning outcomes independently and as per requirements of the job, hence is responsible for own work and learning.</p> <p>Hence NSQF Level is 4 for this descriptor</p>	4

## NSQF QUALIFICATION FILE

### Interior Design & Decoration

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NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> <li>• Draw one and two point's perspective view.</li> <li>• Prepare the power point presentation with animation.</li> <li>• Create object on 3D using tool bars, commands.</li> <li>• Draw different types of false ceiling by using CAD.</li> <li>• Draw different types of flooring by using CAD.</li> <li>• Draw different types of carpentry joints by using CAD.</li> <li>• Analyse and uses of paints, polish and varnish.</li> <li>• Draw different types of partition wall by using CAD.</li> <li>• Draw plumbing and drainage detail &amp; sanitary fittings by using CAD.</li> <li>• Draw lighting and electrical layout plan by using CAD.</li> <li>• Draw air conditioning layout by using CAD.</li> <li>• Draw commercial interiors by using CAD.</li> <li>• Recognize &amp; comply safe working practices, environment regulation and housekeeping.</li> <li>• Understand and explain different mathematical calculation &amp; science in the field of study including basic electrical. <i>[Different mathematical calculation &amp; science -Work, Power &amp; Energy, Algebra, Geometry &amp; Mensuration, Trigonometry, Heat &amp; Temperature, elasticity]</i></li> <li>• Interpret specifications, different drawing and apply for different application in the field of work. <i>[Different drawing-Geometrical construction, Dimensioning, Layout, Method of representation, Symbol, Different Projections, Assembly drawing, Sectional views, Estimation of material]</i></li> <li>• Read and apply engineering drawing for different application in the field of interior design work.</li> <li>• Explain the concept in productivity, quality tools, and labour welfare</li> </ul>		

## NSQF QUALIFICATION FILE

### Interior Design & Decoration

Title/Name of qualification/component: Interior Design & Decoration		Level: 4	
NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF level descriptors	NSQF Level
	<p>legislation and apply such in day to day work to improve productivity &amp; quality.</p> <ul style="list-style-type: none"> <li>• Explain energy conservation, global warming and pollution and contribute in day to day work by optimally using available resources.</li> <li>• Explain personnel finance, entrepreneurship and manage/organize related task in day to day work for personal &amp; societal growth.</li> <li>• Plan and execute the work related to the occupation.</li> </ul>		

### SECTION 3

#### EVIDENCE OF NEED

**What evidence is there that the qualification is needed?**

The Interior Design & Decoration pass-outs are mainly absorbed as

- Interior Designer
- Decorator
- Furniture Designer
- Design Consultant
- Associate Designer in public and private sector.

Placement records from few ITIs are enclosed. (Annexure Enclosed)

**What is the estimated uptake of this qualification and what is the basis of this estimate?**

The employment prospect for this qualification is very high. There is also high demand for starting the training programme on this trade amongst new institutes. As of now the total seating capacity of the training programme is 1586 (including 30% supernumeraries) approximately in 79 ITIs.

**What steps were taken to ensure that the qualification(s) does (do) not duplicate already existing or planned qualifications in the NSQF?**

The qualification which is a long term course 1 year is originally designed and approved by NCVT for the Craftsmen Training Scheme and is in existence for the last 40 years.

No existing course available with same content and duration.

**What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated?**

- Mentor Council (MC) for the Construction sector was formed in 2014 to review the curriculum of this qualification under the sector.
- CSTARI, the research wing of DGT, reviews and updates the qualification, in consultation with industries and other stakeholders, on a regular basis by conducting trade committee meetings.
- DGT will keep on doing continuous comparative study in the trade by referring to relevant upcoming qualifications in the National Qualifications Register (NQR) and relevant sectors.

Please attach any documents giving further information about any of the topics above.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

**SECTION 4**  
**EVIDENCE OF PROGRESSION**

**What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector?**

- Qualifying trainee will obtain an NCVT Certificate in Interior Design & Decoration trade which gives the following options of progression to the trainee:
  - i) National Apprenticeship Certificate
  - ii) Can join as skilled worker in the industry.

Please attach any documents giving further information about any of the topics above. Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.