



Participant Handbook

Sector
Construction

Sub-Sector
**Real Estate and
Infrastructure Construction**

Occupation
CONSTRUCTION PAINTING

Reference ID: CON/Q0503, Version 1.0

NSQF Level 3



**Construction - Painter &
Decorator**

Acknowledgements

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CEO

About this book

Construction industry is the second largest employer in India. As one of the leading avenues for employment in the country, the role played by this industry in the economic development of India is pivotal. However, despite its vast potential, the construction Industry faces a key challenge of shortage of skilled manpower. This hampers the progress of the industry, as the quality of constructed structure is poor and most projects failed to get completed within timelines.

There is a vast difference between the required skill and available skills of workers in the industry today. To reduce the skill gap, appropriate skilling of workforce needs to be carried out. This will not only empower the worker but also benefit the construction industry in terms of quality and productivity.

This Participant book is developed to impart training for the skill and knowledge required to work as a Construction Painter and Decorator in construction industry. It is designed based on Construction Painter and Decorator Qualification Pack under the National skill qualification framework. It comprises of the following NOS/ topics.

- Apply OBD, acrylic and emulsion paints on various finished masonry surfaces
- Apply paint on metallic/ structural steel fabricated assemblies
- Apply, paint, varnish & polish on wooden windows, doors, partitions, panels & other wooden surfaces
- Carry out minor repair of various painting faults
- Work effectively in a team to deliver desired results at the workplace
- Plan and organize work to meet expected outcomes
- Work according to personal health, safety and environment protocol at construction site

This book is designed considering the lower educational background of the construction worker. Therefore, special efforts have been made to explain the concept required for the job mostly through photos and illustrations.

Units and symbols used in the book have been listed below.

Symbols Used



Key Learning Outcomes



Steps



Time



Tips



Notes



Unit Objectives

UNIT 1.3: Construction Painter And Decorator As A Job Role

Unit Objectives

At the end of this unit, you will be able to:

1. Know about role and duties of a construction painter and decorator
2. Know about personal and professional attributes under the construction painter and decorator occupation
3. List QP and NOS details of construction painter and decorator programme
4. Know about career path as a construction painter and decorator

1.3.1 Role Of A Construction Painter And Decorator

A Construction Painter and Decorator applies various kinds of paints on masonry, metal and wooden surfaces. In addition to this they also apply varnishes on the wooden surface. Preparing the surface and cleaning up after painting is also an integral part of the job

The role of Construction Painter and Decorator is further detailed as:

- preparing old and new masonry, metal & wooden surfaces for painting works
- Selecting proper materials and tools for the task
- Apply paints, varnishes and polishes using proper procedures and operating proper tools
- Identify and rectify defects in painting



Fig 1.3.1: construction Painting

1.3.2 Duties Of A Construction Painter And Decorator

At any construction site, the painter plays a vital role as follows:

- Apply paint to various surfaces like metal, wood or masonry
- Mix, match, and apply paint, varnish, shellac, enamel and other finishes.
- Scrape, prime, or seal surfaces prior to painting.
- Clean walls to ensure proper adherence.

- Cover surfaces with cloth or plastic to ensure protection.
- Calculate amounts of required materials and estimate costs.
- Remove fixtures such as pictures, doorknobs, lamps and electric switch covers prior to painting.
- Apply several coats according to paint directions.
- Apply touchups or second coats.
- Remove paint splatters when finished.
- Clean up all equipment, including brushes and spray guns.
- Work on ladders to reach high ceilings or walls.

1.3.3 Personal Attributes For Job Role Of Construction Painter And Decorator

A construction painter and decorator in addition to his skills should also possess certain personal attributes such as:

- Ability to work in a well-organized and accurate manner;
- Awareness of safety issues, especially when working at heights;
- Ability to work as a part of team;
- A good level of fitness;
- Awareness of personal hygiene;
- Hard working and reliable;
- Courteous and dedicated;
- Good Communication Skills.

1.3.4 QP And NOS Details For Construction Painter And Decorator

Qualification Pack (QP) comprises of a group of National Occupational Standards (NOS's) which describes the desired outcomes in order to successfully perform the function and the knowledge required for the same.

The National Skills Qualifications Framework (NSQF) provides the description of professional and functional knowledge and skill along with the responsibility that a person must display for any given competency level. The NSQF describes a total of 10 levels, level 1 being entry level the least complex and level 10 being the top most level

This programme is based on qualification pack called Construction painter and decorator. The qualification pack code for Construction painter and decorator is CON/Q0503. Under Construction painter and decorator QP there are five NOSs which detail the functions to be performed at work site.

NOS CODE	Major Function/Task
CON/N0505	Apply OBD, acrylic and emulsion paints on various finished masonry surfaces
CON/N0506	Apply paint on metallic/ structural steel fabricated assemblies
CON/N0507	Apply, paint ,varnish & polish on wooden windows, doors, partitions, panels & other wooden surfaces
CON/N0510	Carry out minor repair of various painting faults
CON/N8001	Work effectively in a team to deliver desired results at the workplace
CON/N8002	Plan and organize work to meet expected outcomes
CON/N9001	Work according to personal health, safety and environment protocol at construction site

1.3.5 Occupational Map Of Construction Painter And Decorator

Occupational map for construction painter and decorator

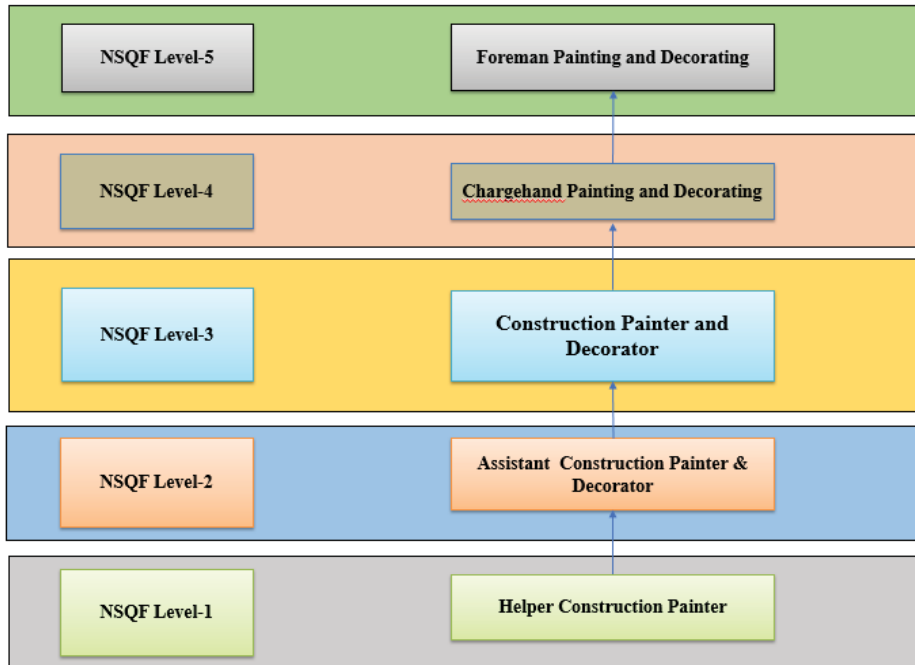


Fig 1.3.3: Career progression for painting and decorating occupation

Education and experience requirements for a current recommended job role

Job role	Education	Experience
Construction painter and decorator	Preferably 5th standard	2 years site experience as a certified assistant painter

Education and experience requirements for further career progression

Job role	Education	Experience
Chargehand painting and decorating	Preferably 8th standard	3 years site experience as a certified Construction painter and decorator
Foreman painting and decorating	Preferably 10th standard	3 years site experience as a certified Chargehand painting and decorating

Exercise



1. List the duties of painter and decorator at construction site.

2. List all NOS codes and details of painter and decorator QP.

3. What is the role of a painter and decorator on a construction site.

4. Minimum industry experience requirement for a level 4 painter and decorator job role is

5. Draw the career growth map of a painter and decorator.

UNIT 1.4: Training For Construction Painter And Decorator

Unit Objectives

At the end of this unit, you will be able to:

1. Understand the purpose of training
2. Know about mode and duration of training program
3. Understand the benefits of training

1.4.1 Mode And Duration Of Training

The training program is based upon the qualification pack of for painter and decorator. This is a NSQF level 3 qualifications in the occupation of painting and decoration in the sub sector of real estate and infrastructure construction. This implies that after passing this course you shall be a qualified NSQF level 3 workmen who has the required skill set to find work in the real estate and infrastructure projects. The mode of the training is:

- Classroom sessions
- Practical sessions



Fig 1.4.1: Classroom session



Fig 1.4.2: Practical session

The standard duration of this training program is 400 Hrs. of which 320 Hrs is devote to hands on training and the rest 80 Hrs on theoretical learning.

1.4.2 Benefits After Training

The training program will enable an individual to:-

- Identify various materials, tools and equipment used in painting works.

- Roughly estimate the painting requirements
- Apply different paints on different surfaces
- Identify and rectify defects in paints
- Understand the safety practices
- Communicate effectively
- Undertake basic painting works etc.

1.4.3 Skill Card And Certification

After successful completion of training and passing the assessment you will be issued a certificate. After successful completion of training, trainee will undergo an assessment which will have theory and a practical test.

After successfully passing the assessment, a candidate will be issued a certificate by Construction Skill Development Council (CSDC).

This will enable the candidate to procure an employment as a painter & decorator in construction companies or work independently. This certificate will help the candidate in getting job and earning better wages than un-certified workmen.



Fig 1.4.3: Skill card of Pointer & Decorator



Fig 1.4.4: Simple certificate of Pointer & Decorator

Exercise



1. List the benefits of skill card and training certificate.

2. What is the full form of PMKVY?

3. What are the benefits of this training course?

4. List down your expectations from this training.



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