

**MAHARASHTRA STATE BOARD OF VOCATIONAL EDUCATION
EXAMINATION, MUMBAI - 51**

1	Name of Syllabus	C. C. IN SPRAY PAINTER CUM SIGN BOARD PAINTER. (412102)																																									
2	Max.Nos of Student	25 Students																																									
3	Duration	6 Month																																									
4	Type	Part Time																																									
5	Nos Of Days / Week	6 Days																																									
6	Nos Of Hours /Days	4 Hrs																																									
7	Space Required	Workshop = 400 Sq feet <u>Class Room = 200 Sq feet</u> TOTAL = 600 Sq feet																																									
8	Entry Qualification	VII th Pass																																									
9	Objective Of Syllabus/ introduction	To acquire painting skill & make employment & trained man panel.																																									
10	Employment Opportunity	Start small painting workshop/ unit. Can work as a painter, contract painting work. Job can be under taken from industries.																																									
11	Teacher’s Qualification	I.T.I. Painter (General) Two year course pass. A.T.D.																																									
12	Training System	<table><tr><th colspan="5">Training System Per Week</th></tr><tr><td>Theory</td><td>Practical</td><td colspan="3">Total</td></tr><tr><td>6 Hours</td><td>18 Hours</td><td colspan="3">24 Hours</td></tr></table>							Training System Per Week					Theory	Practical	Total			6 Hours	18 Hours	24 Hours																						
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THEORY – I - Basic Painting Technology.

Surface Making: - 1. Scraping

2. Sanding for Spray Painting
3. Denting Etc.

Primer :- 1. Enamel Based Primer / Spray and Brush.

2. N. C. Based Primer.
3. Backing Based Primer.

Putty Process :- 1. Enamel Paints spray & Brush.

2. Ready N. C. Putty process.
3. Hand Made putty process.

Painting Process: - 1. Enamel Paints spray & Brush.

2. N. C. Paint.
3. Pricking paint.

1) Line practice on paper by pencil.

2) Draw Line on Cries by Brush.

3) Draw words by poster color

4) Draw a devnagari and Gothic (Marathi) Letter on Brown paper.

5) Different between lay out – for poster.

6) Unit is Stencil.

7) Do you know Flex & Digital paint

Pencil Rendering : 1) Line practice on paper by pencil.

2) Pencil Pending .

3) Draw Lines on paper.

Graff Work : 1) Perfect Craft work.

2) Draw Gothic letter on paper.

3) Draw Deonagari & Gothic letters on paper.

4) Reining Script.

Types of letter : 1) Hindi & Gujarati letters.

2) Tex & Italics letter

3) Painting by Cong hair Brush.

4) Draw clock & Anti clock Directions circulars on paper.

Color Mixing : 1) Making a primary & Secondary color.

2) Color wheel observed.

3) Color scenes.

4) Enamel paint chart & contents.

Sign practice : 1) One color banner painting.

2) One color Advertise.

3) Institute Name Board of others pates.

4) Advance Technology. Flex of Digital, Vinyl, Translate Board

PRACTICAL - I - OLD/PAINTED- SURFACE REPAINTING PROCESS

- Surface Making : - 1. Denting
2. scraping
3. Sanding pry different Equipment.
- Primer : - 1. Enamel Based Primer. Spray and Brush.
2. N. C. Based Primer.
3. Baking Baked Primer.
- Putty Process : - 1. Ready made enamel.
2. N. C. Putty. :- How will filling putty on Surface.
3. Handmade putty.
- Painting Process: - 1. Enamel Paints by spray and Brush.
2. N. C. Paint.
3. Baking Paint.
- Accidental and damaged patch work painting.

PRACTICAL - II – SIGN BOARD PAINTING PROCESS FOR NEW.

- 1) Sing- painting Basic Letters shapes practice.
- 2) Lines & Circulars clock & Anti clock Vise practice by particular Brushes.
- 3) Draw by Brush & poster color geometrical shapes.
- 4) Draw Block, Gothic, Roman Letter & Paint there.
- 5) Stencils cutting on cancel Board.
- 6) Sign Board painting in different Media, posters Banner's etc.
- 7) Letters sign By Enamel paint.
- 8) Painting of words, signals Name Board & Advertisements etc.
- 9) What is Hording & New Flex Board printing technology.
- 10) Explain what about Flex & Digital Printing work.

• LIST OF TOOLS AND EQUIPMENT :-

Sr. No	Description of tool equipment	No. required
1	Potable Electrical Hand Grinder.	1.
2	Orbital wire Brushes	2.
3	Face Mask and Respirator.	4.
4	Goggles.	4sets
5	Gloves.	4.set
6	Oil stone.	2 no
7	Blow Lamp.	4 no
8	Knife chisel.	4 no
9	Scrap Daper Hanger.	2 no
10	Pliers Insulated.	4 no.
11	Screw Driver 200 mm.	2 no
12	Knife Paetle.	8 no.
13	Spraying mask	4 no

14	Working Bench 240 cm X 120 cm X 75 cm.	1 no
15	Bench Vice 125 mm Jaw.	2 no
16	Combs (Steel) .	4 no
17	Stencil knife	15 no
18	100 ml. Gararnted Glass cylinder.	2 no.
19	Weighr per litter cup.	2 no.
20	For 1 cup no. 4 for viscosity measurement	1 no
21	Stop Watch	1 no.
22	Gun spray with Gravity feed cup.	4 no
23	Electrical Air compressor.	1 no
24	Different Types of Brushes.	As Required.
25	Scaffolder.	1 no

• **REFERENCE BOOKS :-**

1. Lettering Books
2. Figure Painting and Portraits.
3. Drawing & Painting.
4. Varnishes & Paint process.
5. Industrial Painting.
6. Production Related to painting.
7. Varnish, Paints & Lacuers.
