

**DIVISION XXVIII
PAINTING**

Section 1—GENERAL

1. The Contractor for work under this Division is referred to the "Instructions to Bidders", "Form of Proposal", "Form of Contract", "General Conditions", "Special Conditions" if any, and "Contract Drawings", all of which are hereby made part of this Division of the work.

Section 2—WORK NOT IN CONTRACT

1. Painting of the following is not included under this Contract:
- (a) Elevator cabs and doors.
 - (b) Hatchway doors and bucks, except as otherwise specified.
 - (c) Pumps, motors, boilers, breeching, blowers and oil burners and other machinery.
 - (d) Pipes and pipe covering in shafts and in cellars in locations where wall material is designated "UNPL" or "UNPL-PAINT" in Schedule of Interior Finishes, except in Community Center.
 - (e) Pipes and mechanical equipment in elevator machine and tank rooms.
 - (f) Vents above roof.

Section 3—WORK OF OTHER DIVISIONS

1. Painting of the following items is called for as part of the work of other Divisions:
- (a) Hollow metal toilet partitions.
 - (b) Kitchen Cabinets and Wood Broom Closets.
 - (c) Shop coats where specified.
 - (d) Medicine Cabinets.
 - (e) Metal Lockers and Miscellaneous Metal Units.

Section 4—SURFACES NOT TO BE PAINTED

1. No painting will be required on the following:
- (a) Abrasive and bronze saddles and abrasive nosing of stair treads.
 - (b) All masonry surfaces (including concrete) throughout cellars, except laundries, Community Center rooms, management spaces, maintenance offices, toilets, passages, corridors and such other spaces as may be noted in the Schedule of Interior Finishes to be painted.
 - (c) Masonry wall surfaces inside of elevator shafts and pump and tank rooms.
 - (d) Floors.

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Section 4—SURFACES NOT TO BE PAINTED—(Continued)

- (e) Overhead clothes dryers.
- (f) Mail boxes.
- (g) Glazed Facing Tiles.
- (h) Galvanized iron poles in clothes closets.
- (i) Aluminum windows and aluminum trim unless otherwise specified.
- (j) Stainless steel.

Section 5—SCOPE OF WORK

1. Excepting items listed under "Work Not in Contract", "Work of Other Divisions", and "Surfaces Not to be Painted", the work under this Division shall consist of furnishing all labor, materials, equipment, scaffolding and appliances for the complete painting and finishing of all interior plaster, masonry and concrete surfaces, all interior and exterior exposed metal and wood surfaces in accordance with the Contract.

Section 6—SCHEDULE OF PAINTING

1. WINDOWS

(a) All surfaces of all parts of steel sash and frames, and all surfaces of casings, trim and anchors shall be painted under this Division with one coat of No. 7 or No. 8 paint as directed (depending on color selected by the Authority), before erection. Holes for future screens shall be filled with putty before painting.

2. EXTERIOR

(a) Steel Sash, Frames, Lintels, Glazing Compound and Caulking O.D. 7 or 8 7 or 8
(7 or 8 as directed, depending on color selected by the Authority.)

Notes: *1st coat* before erection, see Paragraph 1 above.

3rd coat (which shall be slightly darker than second coat) shall be applied after sash is erected and glazed and frames have been caulked, glazing compound and caulking receiving 3rd coat only.

For Aluminum Windows: Paint lintels only; aluminum glazing compound and caulking left unpainted.

	1st	Coats 2nd	3rd
(b) Pipe railing and all other exterior ferrous metal work which is not galvanized	O.D.	7	7
(c) Hollow metal and kalamein doors, frames, casings, transoms and sidelights	O.D.	7	7
(d) Wood doors, frames, casings, transoms and sidelights	O.D.	2	7

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Section 6—SCHEDULE OF PAINTING—(Continued)

	1st	Costs 2nd	3rd
3. INTERIOR: Apartments, Community Center Rooms, Management Offices, Children's Center, Child Health Station.			
(a) Plaster walls except in Kitchens, bathrooms and toilets	1	3	None
Note: The first priming coat shall be tinted the same color as the second coat.			
(b) Concrete Ceilings, except in Kitchens, bathrooms and toilets	*1	4	None
Note: The first coat to be white and the second coat to be off-white.			
(c) Exposed concrete beams and columns, except in Kitchens, bathrooms and toilets	*1	1	3
Note: To match walls.			
(d) Plaster walls in Bathrooms and toilets	1	5	None
Note: The first priming coat shall be tinted the same color as the second coat.			
(e) Concrete ceilings and exposed concrete beams and columns in Bathrooms and toilets	*1	1	5
(f) Plaster walls in Kitchens	1	2	5
(g) Concrete ceilings and exposed concrete beams and columns in Kitchens	1	2	5
*Exposed concrete columns and beams are to be primed at the same time and with the same primer as used for concrete ceilings.			
(h) Masonry walls including columns in unplastered spaces of Community Center	12	None	None
(i) Steel window sash, frames; steel trim	O.D.	7	6
Notes: (1) This painting is in addition to that specified in Paragraph 1.(a). (2) Interior of Aluminum sash frames not to be painted.			
(j) Metal doors, bucks, partition ends and all other metal work	O.D.	2	6
(k) Metal Base	O.D.	6	None
Note: Should any wall paint run over metal base, the runs shall be thoroughly brushed out suitably to receive finish coat. Paint imitation base on exposed concrete columns of color and material as used for metal base. Painted base to line up with adjoining metal base.			

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Section 6—SCHEDULE OF PAINTING—(Continued)

	1st	Costs 2nd	3rd
(l) Interior wood doors	9	13	11
Wood Seats	9	13	11
Exposed wood surfaces of counters and desks in Management	9	13	11
Interior of desk drawers	9	13	None
Movable Wood Toy Storage Cabinets and Wood Lockers, in Children's Center	9	13	11
Note: Finish of Wood Clothes Lockers and Toy Storage Cabinets shall include all interior surfaces and backs.			
(m) Chair rails, dado strips, shelving, shelving cleats and coat strips	(Same as ad- joining walls)	None	None
Wickets, bulletin board frames, blanket storage units, and all other woodwork unless otherwise noted	O.D.	2	5
(n) That portion of combination sink and tray which does not have vitreous enamel finish	O.D.	1	3
(o) Register faces and Grilles	O.D.	2	3
4. PUBLIC HALLS, STAIRWAYS, AND STAIR AND ELEVATOR BULKHEADS			
(a) Steel window sash, frames; steel trim	O.D.	7	6
Notes: (1) This painting is in addition to that except soffits), stair railing, newels and stringers, metal doors, bucks, incinerator hopper doors and frames ..			
(b) Metal Stair Soffits	O.D.	3	None
(c) Guard rails, hand rails, metal parts of stairs (ex- cept soffits), stair railing, newels and stringers, metal doors, bucks, incinerator hopper doors and and frames	O.D.	2	6
(d) Plaster walls and exposed concrete columns which form part of wall surfaces in Public Halls	1	3	None
(e) Concrete ceilings, beams and spandrels in Public Halls and slop sink and janitors closets	1	4	None
(f) Walls of slop sink and janitors closets	1	5	None
(g) All masonry block, concrete and plaster wall and ceiling surfaces of Stairways, Exit Halls, Stair Bulk- heads and Elevator Machine Rooms, including columns, beams, spandrels, soffits of concrete stairs	18	None	None
(h) Underside of all slop sinks and support	O.D.	3	None
(i) Register faces and grilles	O.D.	2	3

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Section 6—SCHEDULE OF PAINTING—(Continued)

	1st	Costs 2nd	3rd
5. CELLARS, BASEMENTS, ETC.			
(a) Walls and ceilings of passageways, corridors, toilets, locker rooms, maintenance offices, perambulator rooms, tenant storage and other exposed concrete surfaces, hollow tile, cinder block and brick surfaces in spaces noted on Schedule of Interior Finishes to be painted	12	None	None
(b) Concrete and masonry block wall and column surfaces of Laundry	17	17	None
(c) Steel window sash, frames; steel trim	O.D.	7	6
Notes: (1) This painting is in addition to that specified in Paragraph 1(a).			
(2) Interior of Aluminum sash and frames not to be painted.			
(d) Metal doors and metal bucks	O.D.	6	None
Note: All interior doors below the first floor shall have the top and bottom edges painted as specified for finish.			
(e) All exposed ferrous metal	O.D.	6	None
6. MISCELLANEOUS			
(a) Steel butts, spring hinges, door closers and brackets where delivered prime coated	O.D.	2	6
(b) Exposed parts of foundation vents, incinerator doors and frames in cellars	O.D.	6	None
(c) Electric panel covers and frames throughout.....	O.D.	6	None
(d) Inside and outside of Fire Hose Cabinets and accessories throughout (except where made of stainless steel or specified under Plumbing Contract to be completely finished)	O.D.	2	6
7. RADIATORS, CONVECTORS AND PIPING			
(a) Cast iron radiators and convactor radiator enclosures throughout	O.D.	2	14
Note: The first field coat on cast iron radiators to be applied before setting.			
(b) In all locations (except in the Community Center), where wall material is designated "UNPL" or "UNPL-PAINT", pipe lines will be painted by the Contractors for Contracts 7, 8 and 9. In the Community Center all piping shall be painted under this Division (color to harmonize with wall as directed), including all spaces noted "UNPL" or "UNPL-PAINT".			

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Section 6—SCHEDULE OF PAINTING—(Continued)

	1st	Costs 2nd	3rd
In other locations paint as follows:			
(c) Fire Standpipe lines	16	6	None
(d) All exposed uncovered steam piping	15	2	14
(e) All exposed plumbing and gas piping which is not brass or chromium plated	1	3	None
(f) All exposed covered piping	1	3	None
(g) All pipe hangers, etc.	1	3	None

Notes: Where painting is called for hereinabove in Section 6, on exposed uncovered steam piping and on Fire Standpipe lines, the first coat painting (primer) on exposed uncovered steam piping and the first coat painting (finish coat) on the Fire Standpipe lines shall be applied immediately upon installation of piping.

8. GENERAL NOTES

(a) Where dados are called for on Schedule of Interior Finishes, dados shall be painted in contrasting color as selected.

(b) Attention is called to Section 13 of Standard Specifications of Contract 6, Division IX—Combination Metal Bucks and Trim and Hollow Metal Doors. In the event the Contractor for General Construction exercises this option to furnish and install 1¾ inch thick flush hollow metal doors in lieu of interior Kalamein doors, painting of these hollow metal doors shall be the same as herein specified for Kalamein doors.

Section 7—MATERIALS FOR PAINTING

1. The numerals noted under Schedule of Painting (Section 6) refer to the paints listed below:

O.D. is the abbreviation for Shop Coat under other Divisions of Specifications or under other Contracts. All coats other than Shop Coats shall be provided under this Division.

Material No. 1 Primer shall be of same manufacture as the 2nd and/or 3rd coats and shall be the type and kind recommended by the manufacturers of 2nd and 3rd coats, all as approved by the Director, except as otherwise specified in Section 6, Paragraph 3, Subparagraphs (c) and (e).

Material No. 2 Undercoat shall be of same manufacture as the 2nd and/or 3rd coats and shall be the type and kind recommended by the manufacturers of 2nd and 3rd coats, all as approved by the Director.

Material No. 3 M. J. Merkin Paint Co., N.Y.C.H.A., Long Oil Stippling Flat, or equal as approved by the Director. M. J. Merkin Paint Co., N.Y.C.H.A., Long Oil Stippling Flat or any other paint submitted under the "or equal" clause, will be required to pass the wash test specified under this Section.

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Material No. 4 Barreled Sunlight Paint Co., Industrial Flat, or equal, as approved by the Director.

Material No. 5 Thomson, Heavy Bodied Porcelite Enamel, or equal, as approved by the Director.

Material No. 6 Thomson Metal Trim Enamel, or equal, as approved by the Director.

Material No. 7 Pittsburgh Sun-Proof House Paint, Trim Color (800 Series—dark colors), alkyd Exterior Gloss Type, or equal, as approved by the Director.

Material No. 8 National Lead Co., Soft White Lead Paste; National Lead Co., color in oil; Pure Raw Linseed Oil; Dryers and Thinners mixed in proportions recommended by the National Lead Co., or equal as approved by the Director.

Material No. 9 Factory Mixed, Pratt and Lambert, Varnish Stain and Linseed Oil, or equal, as approved by the Director; it shall be of color as selected by the Director.

Material No. 10 McCloskey, Man O'War Ultra Spar Varnish, or equal, as approved by the Director.

Material No. 11 Interior Varnish, TT-V-71a, Federal Specifications.

Material No. 12 Cold Water Paint, Soybean protein binder, Type II, TT-P-23a, Federal Specifications.

Material No. 13 Shellac, TT-S-271, Federal Specifications.

Material No. 14 Heat Resisting Enamel—Pigment Composition: Zinc Oxide 90%, Colloidal Calcium Carbonate 10%; Pigment as specified, ground in Damar Varnish, thinned with Pale Backing Varnish and Mineral Spirits and tinted as required. Pigment 42%—Non-Volatile 31%—Volatile 27%.

Material No. 15 Zinc Chromate prime paint, alkyd type, Joint Army-Navy Specification JAN-P-735.

Material No. 16 Red Lead paint, TT-P-86a, Type III, Federal Specifications.

Material No. 17 Texolite Duraval as manufactured by U. S. Gypsum Company, or equal, as approved by the Director. Material shall be used in strict accordance with manufacturer's directions.

Material No. 18 Resin-base emulsion paint, TT-P-88a, Federal Specifications.

Material No. 19 Cement Water Paint, TT-P-21, Class "A" Federal Specifications, Current Edition.

Note: Should the Contractor desire to substitute, under the "or equal" clauses, other paints than those specified, he shall submit five one-gallon samples for testing, at least three months before he proposes to use the material.

The Authority will have the alternate material and the Standard paint listed above under materials, tested by a Testing Laboratory to be selected by the Authority, to determine if the alternate paint is equal to the paint listed in these specifications. The method of testing shall be as outlined in the following Federal Specifications.

Primer TT-P-56

Enamel Type A of TT-E-506b

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The Wall Flat, however, shall be subjected to the chemical and physical analysis of Federal Specification TT-P-51b and to a wash test to be conducted in the following manner:

One week after the flat paint has been applied to the test panel, a portion of the painted area, not less than three (3) square feet in size shall be marked with the following materials:

No. 2 Black Pencil, Red and Blue crayons, Red and Blue Inks, Vegetable, animal and Mineral oils and greases.

The markings shall remain on the area to be tested, fifteen (15) minutes or longer before washing.

Straight Tri-Sodium Phosphate on a damp sponge or cloth shall be used to remove the marks.

In order to pass the washing test, all of the above named stains shall be removed without injury to the paint. There shall remain a clean film, which shall not be marred or worn, and shall be free from blemishes. This paint film shall not exhibit a marked variation from the original finish by reason of the washing operations.

The cost of making the tests will be borne by the Authority, provided the material passes the tests and is approved by the Authority. However, should the material fail to pass the tests and be disapproved by the Authority, the Contractor shall reimburse the Authority for the entire cost of making the tests on both the paints submitted as an alternate and the Standard paint.

Section 8—MATERIALS

1. The term "materials" as used herein shall include paint, oils, enamels, colors, etc., that make up the products required for this branch of the work.
2. Materials shall be high grade products of reputable manufacturers, and when approved by the Director, shall be delivered to the Project in their original, unbroken containers, bearing the maker's name and brand. Second or off grade materials will not be acceptable.
3. Colors shall be pure, non-fading pigments, finely ground in linseed oil. Colors to be used on plaster or concrete shall be limeproof.
4. All materials shall be used in accordance with the direction of their manufacturer, subject to approval of the Director.

Note: The Contractor shall not bring to the work or site any paint container bearing the name or brand of any material that has not been approved by the Director.

Section 9—PREPARATION FOR PAINTING

1. Surfaces shall be clean and dry and no painting shall be done in wet or freezing weather.
2. No prime painting of any kind will be permitted until the building is wall enclosed and the roof made weathertight.

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Section 9—PREPARATION FOR PAINTING—(Continued)

3. All metal surfaces shall be wire-brushed, removing all abrasions in the priming coat, rust, scale, lime, and shall be thoroughly sanded, cleaned and touched up to match priming coat.
4. All concrete masonry and plaster, hard white and cement surfaces specified to be painted above Cellars shall be cleaned of all accumulated dirt and foreign substances; they shall be dry brushed and left clean, ready for painting. Before painting all holes, dents, hollow places, joints, cracks and irregularities in plaster, cement, concrete or metal work, shall be filled with an approved "Sparkle" mixture suitable for the material and purposes. Sparkled places shall be finished to a smooth hard even surface. Holes in concrete caused by air bubbles $\frac{1}{8}$ inch and less in diameter need not be sparkled unless occurring in clusters which impair the appearance of the work, in which case, they shall be sparkled. Any exposed concrete reinforcing chairs or other accessories shall be sanded free of all rust or scale and touched up with one coat of an approved primer designed to seal off stains.
5. Previous to painting or finishing all woodwork shall be thoroughly cleaned and sandpapered, and all nail and screw holes, dents, hollow places, joints, cracks and irregularities shall be puttied up with linseed oil putty.
6. Knots and pitch streaks shall be shellacked before painting.
7. The woodwork shall be smooth and free from all raised grain or other surface imperfections before finish coats are applied.
8. Where painting is called for on concrete surfaces, the concrete shall be thoroughly cured and dry and free from all foreign substances. Where cement paint, Material No. 19 is to be applied to concrete surfaces, after all patching, cleaning and rubbing, the entire surface shall be etched and wire brushed for proper cement paint bond with a dilute solution of muriatic acid and then washed off with clear water.

Section 10—PAINTING

1. The Contractor shall be assigned by the Inspector to certain rooms in the Cellars of the Buildings in which he shall store his materials. All paint rooms shall be provided with lock and keys; 1 key for each room shall be furnished to the Inspector who shall have access to those rooms at all times.
2. The Contractor shall provide foam type $2\frac{1}{2}$ gallon capacity fire extinguishers as required by the New York City Fire Department for each paint room. He shall keep all paint rooms clean and free from oil rags, waste and debris. He shall protect the finished floors with suitable coverings and shall not use any plumbing fixture or waste pipe for the disposal of any waste oils, paints or other materials.
3. Paint and finishing materials shall be free from skins, lumps or any foreign matter when used and pigment fillers and other materials shall be kept well stirred while being applied.
4. Each coat of paint shall be evenly worked out and allowed to dry before subsequent coats are applied. Each coat of paint shall be a different tint from that of the preceding coat. Plaster wall surfaces, except where enamel is used shall have final coat of paint stippled with brush or roller to a fine stipple. The only purpose of this stippling is to eliminate brush marks.

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Section 10—PAINTING—(Continued)

5. Finish coat or coats of paint shall be the exact shade, or shades and texture, as approved by the Director from the samples submitted. All colors shall be as selected by the Director.
6. The finished work shall be free from runs and sags, defective brushing and clogging of lines or angles.
7. Where required or necessary, bare or abraded spots in shop coat shall be touched up by the contractor before applying final coats, using the same materials as used in the shop coat, or other material if approved by the Director.
8. No putty for glazing shall be painted and no sash shall be painted (except first field coat) until after the putty firmly sets. All putty for glazing shall be painted same as sash.
9. The top and bottom edges of exterior wood doors, immediately after being fitted, shall be painted a heavy coat of Paint No. 8. Top and bottom edges of interior flush wood doors shall be thoroughly primed with varnish after any job fitting. Co-ordinate with the work of Division XX.
10. All pit and trench covers and frames shall be painted both sides.
11. Scribe moulds and filler pieces of kitchen cabinets and broom closets shall be touched up as necessary to cover any damage to finish made by carpenter in scribing in place. Nail holes shall be puttied and the entire strip shall match the cabinets.
12. Before application of cement paint, Material #19, concrete surfaces shall be dampened with a fine fog spray immediately before application. After application of finished coat it shall be kept moist for 48 hours.
13. Where corner beads occur in acoustical plaster they shall be painted after erection, and, after plaster is dry, shall be touched up to match the color of the acoustical plaster.
14. All pipes, registers and grilles painted under this Division of the work shall be painted the same color as adjoining painted surfaces.

Section 11—LETTERING AND SIGNS

1. All lettering throughout the Project, inside and outside, shall be executed under this division of the specifications.
2. Special lettering shall be as listed and specified in the Amendments to this Division.
3. Apartment entrance doors will not require numerals as same are included in interviewers, furnished under another Division.
4. At each floor of each building unit in Stairways, paint numerals designating floor level, painted in contrasting color from wall finish. Numerals shall be in two contrasting colors, 6 inches high, placed 6 feet above floor in location as directed.
5. In Public Halls at each floor level and Entrance Floor level paint floor numerals 6 inches high, 1 inch brush stroke, on walls at locations and to height indicated on Drawings.

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Section 11—LETTERING AND SIGNS—(Continued)

6. All elevator shaft doors in all buildings shall have 6 inch numerals designating the floor, painted on the shaft side.

7. When elevators stop at alternate floors, each elevator door, on the entrance floor level, shall have the floor stops, at which the elevators stop, painted on the door in 1½ inch high letters above the glass panels, thus:

"THIS CAR STOPS AT 2, 4, 6, 8, 10.....FLOORS".

8. At all entrance doors to Community Center Rooms, Laundries, Perambulator Rooms, Wheel Toy Rooms, Maintenance Offices, Locker Rooms, Service Rooms, Storage Rooms, Boiler Rooms, Incinerator Rooms, Tank and Pump Rooms, Shops and other like spaces in Cellars, stencil letters 2 inches high shall be painted designating the name of the room. Abbreviations, even though noted on the Drawings, shall not be used. Toilet Rooms shall be lettered "MEN"—"WOMEN" as the case may be.

9. In addition to painting noted for Electric Service Meter Rooms in the previous paragraph, paint the following on all doors to these rooms in letters 2 inches high, in red in a panel:

**USE NO WATER
FIRE DEPARTMENT**

10. In addition to painting noted for Paint Shop, paint the following sign on wall of the Paint Shop, where directed, in red letters, 2 inches high in a panel:

**NO VOLATILE OILS ARE TO BE USED
TURPENTINE SHALL BE OF HIGH FUSE (100°)**

11. The following lettering shall be painted on a piece of sheet steel and fastened with screws to the inside of each Stair bulkhead door leading to the roof:

**FIRE EXIT ONLY
TENANTS MUST KEEP OFF ROOFS
VIOLATORS OF THIS ORDER WILL BE PROSECUTED**

This sign shall be approximately 10 inches high by 16 inches wide and shall be painted as directed, in letters of colors as approved.

12. All doors to stairways, including exterior doors, shall have the word "EXIT" painted thereon so as to be readable in the Direction of egress. Where double glass occurs, the letters shall be painted on the inside surface of the glass. Letters shall be in red, eight inches high and one inch stroke.

13. Lettering in Style and Design shall be executed as approved by the Director, using No. 4 Paint and finishing with Spar Varnish. Painting of signs on roof doors, service doors and toilet doors throughout cellar and on shaft side of elevator doors may be done by stencils.

14. All sign work shall be executed by experienced, capable mechanics.

Section 12—SAMPLES OF FINISHES

1. Samples of type of finish on wood and metal, suitable in size, shall be submitted for approval. The entire side of an interior wood door shall be finished for approval.

Section 12—SAMPLES OF FINISHES—(Continued)

2. After selection of materials and colors, the contractor shall paint three (3) complete rooms for approval of the Director before proceeding further with the work.

Section 13—SCAFFOLDING

1. The Contractor shall provide all scaffolding, ladders and other equipment required for the proper execution of this work, all of which shall conform to all laws, rules and regulations governing same.

Section 14—PROTECTION

1. The contractor shall protect floors and other finish work from damage during the execution of the work under this division.

2. He shall be responsible for any damage done to other work under this Contract and shall, at his own expense, replace any materials which, in the opinion of the Inspector, have become damaged to such an extent that they cannot be restored to their original condition.

3. Extreme care shall be exercised to protect finished work while applying finishes on ceiling surfaces.

4. Work not to be finished under this division shall be protected against spatter, stain or soiling, and each type of finished surface shall be protected against defacement by other or subsequent finish.

5. All surfaces shall be left clean at the completion of the work under this division.

Section 15—FIRE EXTINGUISHERS FOR PERMANENT PAINT SHOPS

1. Provide foam fire extinguishers as required and approved by the Department of Buildings and the Fire Department, with standard wall brackets, of 2½ gallon capacity each, labeled by the National Board of Fire Underwriters.

2. These extinguishers shall be substantially hung on the walls of the Paint Shops where directed by the Director.

Section 16—SAND PAILS FOR PERMANENT PAINT SHOPS

1. Provide one-gallon galvanized iron sand pails as required by the New York City Building Code and New York City Fire Department regulations.

2. These pails shall be hung on ½ by 1 inch galvanized strap iron brackets expansion bolted to the wall of the Paint Shop.

Section 17—TOUCHING UP

1. At the completion of all other work specified, all painted work shall be touched up and restored where damaged or defaced and the entire work left free from blemishes.

Section 18—CLEANING

1. The Contractor shall clean all paint spots, oil and stain from floors, woodwork, glass, hardware, metal work, and all similar items and leave the work in perfect condition upon completion.

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Section 19—APPROVALS

1. Before using any of the materials covered in this Division, the Contractor shall receive the approval of the Director in writing. Once formal written approval of the materials has been given by the Authority, no substitution of material by the Contractor will be permitted for the duration of the Contract, except for reasons given in written instructions by the Authority.
2. This submission for approval shall state:
 - (a) Name of manufacturer and brand or trade name of the paint.
 - (b) Manufacturer's formula for the material, and the maximum amount of thinner which may be added to the delivered packages without in any way impairing the value of the material.

Section 20—PENALTIES

1. From time to time and as he may see fit, the Inspector will take samples of the paint as it is being applied on the project and will send same to a testing laboratory.
2. If sample tested conforms with the specifications, the Authority will pay cost of test.
3. If sample tested does not conform with the specifications, the contractor shall pay cost of test and repaint all surfaces as ordered by the Inspector.

Section 21—UNIT PRICES

1. The contractor shall consult the "Form of Proposal" and read Unit Prices and assure himself whether or not they will add to, deduct from, or in any way affect the cost of the work under this division of the specifications.

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