

# The Complete Technology Book on Printing Inks

**Author:** NIIR Board

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The beginning of ink making is something of a mystery. It is certain however, that the development of the art of writing preceded the invention of ink by almost a thousand years. Today inks are divided into two classes: printing inks and writing inks. Printing is a process for reproducing text and images, typically with ink on paper using a printing press. It is often carried out as a large scale industrial process, and is an essential part of publishing and transaction printing. Different techniques and printing equipments are employed for each printing practices. The demand for innovative printing practices has been on a high in recent times. There are various kinds of printing processes; lithographic process, the gravure process, offset printing process etc. different types of inks derived from different processes are ball pen inks, bleachable inks, fluorescent inks, fast drying ink, automatic press inks, rotary press inks, coated paper inks, planographic inks, lithographic inks, offset tin printing inks etc. The Printing Ink industries have grown significantly during the last decade and this industry is characterized by exceeding high margin profit. As we read newspapers, magazines, and books on a daily basis therefore inks are found in almost every aspect of human activity. The worldwide printing inks market is projected to register a CAGR of about 2.8%. Printing inks market embodies the strength of the global as well as regional economies. With its high correlation to a national GDP, the printing inks market is cyclical in nature, with economic ups and downs amplifying the demand patterns. The world printing inks market is projected to grow moderately over the next couple of years.

The major contents of the book are pigment in the printing inks, manufacturing of printing inks, storage and testing of raw materials, planographic inks, lithographic inks, factors effecting visual appearance of ink film, factors effecting visual appearance of ink film, method of mixing metallic powder and varnish, the principle of reproducing photographs by printing methods, etc.

In this book an attempt has been made to bring together the useful manner as possible the fundamental Principles of ink making. The book contains formulae processes and other relevant information of the manufacturing of different types of printing inks.

## Contents

1. Introduction
2. Printing Inks
3. Printing Ink Vehicles
  - Vegetable Drying Oils
  - Linseed Oil and Linseed Oil Varnishes
  - Lithographic Varnish
  - China Wood Oil or Tung Oil
  - Soya Bean Oil
  - Perilla Oil

Other Vegetable Drying Oils  
The Vegetable Semi-Drying Oils  
Cottonseed Oil  
Rapeseed Oil  
The Vegetable Non-Drying Oils  
Mineral Oils  
Animal Oils  
Terrestrial Animal Oils  
Marine Animal Oils  
Rosin Oils  
Pitch Varnishes  
4. Pigment in the Printing Inks  
Pigments  
Nature  
Minerals  
Carbonic sources  
Botanical  
From animals  
Black Pigments  
Lamp black  
Russian black  
Coal or gas  
Wooden coal  
Ivory coal  
Bones  
Parish black  
Lead and graphite  
Composition black  
White Pigment  
White lead  
Antimony  
Chinese white  
Transparent white  
Blainfix white  
Yellow Pigments  
Chrome yellow  
Cadmium yellow  
Ochres yellow  
Gummy material  
Minerals  
Red Pigment  
Vermillion  
Carmine  
Lac  
Lake pigment  
Kotherial lake  
Madar  
Blue Pigment  
Prusian blue  
Ultramarine blue  
Reflex blue  
Oriental blue  
Cobalt blue

Indigo blue  
Green Pigment  
Emerald green  
Chrome green  
5. Manufacturing of Printing Inks  
Storage and Testing of Raw Materials  
Mixing operation  
Mixing machines  
Milling process  
Delivery part of the machine  
Quality control  
Packing and selling  
6. Typographic Printing Inks  
Job Press Inks  
Job Black  
Job Press Bright Red  
Job Press Green  
Automatic Press Inks  
Automatic Press Black  
Automatic Press Red  
Flatbed Cylinder Press Inks  
Cylinder Press Black  
Cylinder Press Peacock Blue  
Rotary Press Inks  
Rotary Press Red  
Rotary Press Black  
Web Press Inks  
Web Press News Black  
Perfecting Press Red  
The Relation of Ink to Stock  
Bond and Ledger Paper Inks  
Bond Bronze Blue  
Bond Black  
Coated Paper Inks  
Coated Paper Red  
Coated Paper Yellow Lake  
Super-calendered Paper Inks  
Super Paper Red  
Super Paper Blue  
Parchment Paper Inks  
Parchment Black  
Parchment Red  
Carton Stock Inks  
Carton Yellow  
Carton Red  
Inks for Machine Finished Paper  
Machine Finished Red  
Machine Finished Blue  
Glassine and Cellophane Inks  
Glassine Violet  
Glassine Green  
Halftone Black Inks  
High Grade Halftone Black

Publication Halftone Black  
Process Inks  
Process Transparent Yellow  
Process Blue  
Process Red  
7. Planographic Inks  
Lithographic Inks  
High Grade Lithographic Black  
Lithographic Peacock Blue Ink  
Lithographic True Blue  
Offset Printing Inks  
Offset Red for Lake C  
Offset Milori Blue  
Offset Tin Printing Inks  
Tin Printing Reddish Blue  
Tin Printing Medium Yellow  
Dry Offset Printing Inks  
Dry Offset Red for Lake C  
Dry Offset Bronze Blue  
Photogelatin Inks  
Photogelatin Blue  
Photogelatin Black  
8. Intaglio Printing Inks  
Copper Plate Engraving Inks  
Copper Plate Black  
Copper Plate Blue  
Steel Plate Engraving Inks  
Steel Plate Black  
Toner Blue Ink for Plate Black  
Steel Plate Orange  
Stamping Inks  
Gloss Stamping Red  
Dull Stamping Black  
Photogravure Inks  
Photogravure Picture Black  
Photogravure Brown  
Rotary Photogravure Inks  
Plateless Engraving or Thermographic Inks  
Dense Black for Plateless Engraving  
True Blue for Plateless Engraving  
9. Printing Inks and Colour  
Subtractive Theory of Colours  
Additive Theory of Colours  
Reproduction of Colour By Printing Ink  
Classification of Colours  
Primary colours  
Secondary colours  
Tertiary colours  
Examples of tertiary colours  
Factors effecting visual appearance of ink film  
Influence of colours  
Cold colours  
Warm colours

Terminology Related to Colour  
Contrast  
Harmony  
Hue  
Tint  
Shade  
Tone  
Analogous colours  
Complementary colours  
Density in colour  
Transparent and opaque colours  
10. Qualities of Offset Inks  
Working Qualities  
Optical Qualities  
Effects After Printing  
11. Gravure Printing Inks  
Characteristics of Gravure Inks  
Vehicles in the Gravure Inks  
Considerations for Purchasing Inks  
12. Printing Inks for Letterpress  
News ink  
Inks for platen and cylinder machines  
Moisture-set inks  
Important Points  
Quick-set inks  
Cheque inks  
Heat-set inks  
Important Points  
Metallic inks  
Method of mixing metallic powder and varnish  
Precautions  
Aniline inks  
Neo-set Inks  
13. The Nature of Printing Ink  
The Three Main Printing Systems  
Typographic Method  
Lithographic Method  
Intaglio Method  
General Properties of Letterpress Inks  
The Silk Screen Method  
The Principle of Offset Printing  
Methods of Ink Drying  
Relation between the Printing Process, Ink, And Paper  
The Principle of Reproducing Photographs by Printing Methods  
The Actinic Tanning of Gelatine  
Letterpress Half-tone Plate Reproduction  
The Principle of Photogravure  
Half-tone Printing Using Dots Letter Press (or Litho)  
Photogravure Printing Using Square Cells  
Print Recognition  
Differences in Litho and Offset-Litho Printing  
Differences in Typographic Printing  
14. The Colloidal Nature and Rheology of

Printing Inks  
Ink Compared to Colloidal Dispersions  
Flocculation  
Types of Flow  
Fluidity  
Newtonian Flow  
Plasticity  
Plastic Flow  
Consistency  
Thixotropy  
Measurement of Thixotropy  
Pseudo-plastic Flow  
Dilatant Flow  
The Empirical Flow Test  
Rheological Specifications of An Ink  
Flow Requirements of Letterpress Inks  
Supply of Ink from the Duct  
Behaviour of Ink in the Duct  
Distribution of Ink on the Press  
Impression  
Special Flow Requirements of News Inks  
Flow Requirements of Offset Inks  
Flow Requirements of Copper-plate Inks  
Ink Tack  
Nature of Tack  
Measurement of Ink Tack  
Elasticity and Plastic Flow  
Elasticity  
Relaxation Time  
Fundamental Rheological Properties  
15. Inorganic Pigments and Extenders  
Nature of Pigments  
The Oil Adsorption of Pigments  
Opaque White Pigments  
Transparent White Pigments And Extenders  
Barytes And Blanc Fixe  
Alumina Hydrate  
Gloss White  
Whiting or Chalk,  $\text{CaCO}_3$   
Mica  
Silica,  $\text{SiO}_2$   
Magnesium Carbonate  
The Use of Extenders In Printing Inks  
Ultramarine  
Bronze Blue, Iron Blue, Or Ferrocyanide Blue  
Lead Chromes  
Orange Basic Chrome  
Chrome Red  
Molybdade Orange and Molybdated Scarlet Chrome  
Zinc Chrome on Zinc Yellow  
Cadmium Pigments  
Red Lead,  $\text{Pb}_3\text{O}_4$   
Vermilion, Hgs

Brunswick Green And Milori Green  
Zinc Chrome Greens  
Guignet's Green, Chrome Oxide Green  
Natural Iron Oxide Pigments  
Manufactured Iron Oxide Pigments  
Uses of Inorganic Pigments in Printing Inks  
16. Ink in Relation to Paper  
The Nature of Paper  
The Fundamentals of Paper Making  
Conversion of Raw Materials to 'Half Stuff'  
Rag Half Stuff  
Esparto Half Stuff  
The Treatment of Wood  
Sulphite Method For Chemical Wood  
Caustic Soda Method For Chemical Wood  
Soda Sulphate Method For Chemical Wood  
Mechanical Wood Treatment  
Beating  
Hand-made Paper  
Machine-made Paper  
Methods of Glazing Paper  
Special Finishes  
Opacity Improvements  
Watermarking  
Wove, Laid, and Twin-wire Paper  
Storage of Printing Papers  
Paper Troubles And Remedies  
Fading of Tinted Printings  
Fluffing or Dusting  
Picking or Plucking  
Static Electricity In The Stock  
Types of Printing Paper  
The Penetration of Ink Into Paper  
Measurement of The Penetration of Ink into Paper  
The Penetration of Slow-drying Inks Into Paper  
Drying by Absorption  
The Transfer of Letterpress Inks from Forme to Paper  
Complete Contact of Paper Surface with Ink Film  
Maximum Ink Acceptance Capacity of the Paper  
Excess Ink on the Forme  
General Requirements of Printing Paper  
Printability of Offset Paper  
General Requirements of Printing Ink in Relation to Stock  
17 The Typographic Process  
Stereotypes  
Half-tone Engravings in zinc and Copper  
Line Blocks  
Printing Machines  
The Hand Press  
Platen Machines  
Vertical Platen Machines  
Automatic Platens  
Cylinder Machines

The Vertical Miehle  
Miehle Two-revolution Cylinder Machine  
Letterpress Rotaries  
Machine Design And Make-ready in Relation to Ink  
Letterpress, Typographic, or Relief Printing Inks  
Factors Involved In Formulating the Ink  
Making Platen and Cylinder Inks  
Rotary News Inks  
Type of News Ink Formulation  
Ink Spray or Fly.  
Berkâ€™s Heat-set Black News Ink  
Flated News Inks  
Type of Flatbed News Ink Formulation  
Cheap Magazine Inks  
Type of Cheap Rotary Magazine Ink  
Slow-speed Rotary Magazine Inks  
Formulation  
Uses  
Drying Oil Black Ink  
Letterpress Inks Based on Special Varnishes:  
Non-reactive Resin in Drying Oil  
Non-reactive Resin in Drying-oil Ink  
Letterpress Inks Based on Synthetic Resins  
Letterpress Ink Formulations  
Thinning and Reducing Platen and Cylinder Inks  
Double-tone Letterpress Inks  
I.C.I. Double-tone Letterpress Inks  
Yellow-black Double-tone Ink  
Nitrocellulose Inks  
Special Letterpress Inks  
Letterpress Ink Worries and Cures  
Caking  
Collecting Dirt  
Colour Drift or Colour Variation  
Colour Fade  
Crystallization  
Fast Drying Ink  
Ink Flying or Spraying  
Ink Retreat From Fountain Roller  
Insufficient Gloss  
Mottle  
Picking or Plucking  
Powdering or Chalking  
Repeats or Ghost Duplicates  
Set-off or Offset  
Show-through  
Slur  
Trapping  
Wipe  
18. Special Inks  
Ball Pen Inks  
Bleachable Inks  
Fluorescent Inks



Phosphorescent Pigments  
Fluorescent Pigments  
Pigment Manufacture  
Printing  
Silk-screen Fluorescent Printing  
Power Press Printing  
Invisible or Sympathetic Inks  
Heat-sensitive Type  
Water-sensitive Type  
Chemically-sensitive Type  
Metallic Inks  
Pigments  
Stock  
Media  
Letterpress Metallic Inks  
Gravure Metallic Inks  
Silk-screen Ceramic Metallic Inks  
Printing Metallic Inks  
Pigmentation  
Summary  
Washable Fabric Inks and Textile Marking Inks  
Water-colour Inks  
Inks for Special Reuirements  
Low Odour Inks  
Rub-resistant Inks  
19. Natural Resins, Modified Natural Resins, and Bituminous Materials  
Nature of Resins  
Classification of Resins  
Congo Copal  
Manila Copal  
Sierra Leone Copal  
Zanzibar Copal  
Amber  
Damar  
Rosin or Colophony  
Rosin Oil  
Polymerized Rosin  
Hydrogenated and Oxidized Rosins  
Tall Oil  
Shellac  
Sandarac  
Mastic  
Zein  
Modified Natural Resins  
Ester Gum  
Lime-hardened Rosin  
Bituminous Materials Nature  
Asphalts  
Bitumens  
Pitches  
Firnigrals and Iranolins  
Uses in Printing Inks  
20. Aniline, Dye-spirit, or Flexographic Inks

Transparent Aniline Inks  
Uses And Advantages  
Basic Dyes Suitable for Transparent Aniline Inks  
Media  
Pigmented Flexographic Inks  
Synthetic Resins For Spirit Inks  
Maleics  
Pure Phenolics  
Unesterified Rosin Modified Cresol-formaldehyde  
Resins  
Unesterified Rosin Modified Phenol-formaldehyde Resins  
Miscellaneous Phenolics  
Ketone-aldehyde Base Synthetic Resins  
Spirit Type, Flexographic Ink Formulations  
Flexographic Inks Not Based On Alcohol  
Aniline Machines  
21. Drying Oils,  
The Nature of Drying Oils  
The Acids Present In Drying Oils  
Properties of Semi-drying Oils  
Linseed Oil  
Production of Raw Linseed Oil  
The Refining of Linseed Oil  
Bleaching of Refined Linseed Oils  
Comparison of the Properties of Acid  
Boiled Linseed Oil  
Blown Linseed Oil  
Heat-bodied Linseed Oil Or Stand Oil  
Plant For Making Stand Oils  
Catalysts For Bodying Linseed Oil  
Improved Stand Oils  
The Chemical Changes in the Heat Bodying  
of Linseed Oil  
Tung Oil  
Properties of Tung Oil  
Dehydrated Castor Oil (D.C.O.)  
Castor Oil  
Following The Dehydration  
D.C.O. Stand Oils  
Blown Dehydrated Castor Oil  
Perilla Oil  
Oiticica Oil  
Stillingia Oil  
Soya Bean Oil  
Sunflower Oil  
Tobaccoseed Oil  
The Drying Oil Fatty Acids  
Linseed Oil Fatty Acids (L.O.F.A.)  
Dehydrated Castor Oil Fatty Acids (D.C.O.F.A.)  
Semi-drying Oil Fatty Acids  
Further Drying Oils  
Improved Drying Oils By Processing  
Fundamentally Modified Drying Oils

Vulcanized or Sulphurized Oils  
Styrenated Oils  
Maleinized Oils  
Epoxidation And Hydroxylation Of Drying Oils  
The Use Of Drying Oils In Printing Inks  
22. Printing Ink Driers or Siccatives  
Nature of Ink Driers  
General Use of Driers  
Paste And Liquid Driers  
Theory of the Promotion of Drying  
Methods of Preparation of Liquid Driers  
Properties of Liquid Driers  
Appearance of The Driers  
Standard Specifications  
The Use of Driers In Printing Inks  
23. Ink on Surfaces other than Paper  
General Principles  
Cellophane Printing  
Moisture-proof Viscous Film Printing  
Polyethylene or Polythene Film Printing  
Printing on Lacquers and Varnished Surfaces  
Printing on Rubber  
Printing on P.V.C.  
Printing on Metal and Metal Foil  
Printers' Use For Roller Coating  
Roller Coatings  
Cold-set Inks  
24. Solvents, Diluents, and Plasticizers  
General Properties of Solvents  
Boiling Range  
Flash Point  
Evaporation Rate  
Solvent Retention  
Solvent Balance  
Viscosity Changes During Drying  
Solvent Power  
Undesirable Solvent Properties Instability  
Bad Odour  
Bad Colour  
Impurities  
Toxicity  
Petroleum Alkanes  
Natural Petroleum  
Petroleum Ether  
S.B.P. Spirit  
Petroleum Spirit, Ligroin Or Gasoline  
White Spirit (W/S)  
Mineral Oils  
Coal-tar Hydrocarbons  
Benzene C<sub>6</sub>H<sub>6</sub>  
Toluene, C<sub>6</sub>H<sub>5</sub>CH<sub>3</sub>, Methyl Benzene  
Solvent Naphthas  
Light Naphtha

Heavy Naphtha or Aromatic White Spirit (A.W.S.)  
 Terpene Solvents  
 Turpentine  
 Oxidized Turpentine  
 Dipentene, C<sub>10</sub>H<sub>16</sub>  
 Pine Oils  
 Hydrogenated Naphthalene Solvents  
 Decalin, C<sub>10</sub>H<sub>18</sub>  
 Tetralin C<sub>10</sub>H<sub>12</sub>  
 Alcohol Solvents  
 Ethanol, Ethyl Alcohol, CH<sub>3</sub>CH<sub>2</sub>OH  
 Isopropanol  
 Butanol CH<sub>3</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>OH  
 Methyl Isobutyl Carbinol (M.I.B.C.)  
 Diacetone Alcohol Or Dical  
 Benzyl Alcohol C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>OH  
 Glycol Solvents  
 Ethylene Glycol HO.CH<sub>2</sub>CH<sub>2</sub>OH (E.g.)  
 Diethylene Glycol HO.CH<sub>2</sub>CH<sub>2</sub>O.CH<sub>2</sub>CH<sub>2</sub>OH. (D.E.G.)  
 Propylene Glycol CH<sub>3</sub>.CHOH. CH<sub>2</sub>OH (P.G.)  
 Dipropylene Glycol HO. (CH<sub>2</sub>)<sub>3</sub>.O. (CH<sub>2</sub>)<sub>3</sub>OH (D.P.G.)  
 Hexylene Glycol, 2 Methyl, (2, 4) Pentanediol (H.G.)  
 Ethers  
 Di-ethyl Ether, C<sub>2</sub>H<sub>5</sub>.O. C<sub>2</sub>H<sub>5</sub>  
 The Ether Alcohols or Cellosolves  
 Methyl Cellosolve / CH<sub>3</sub>.O.(CH<sub>2</sub>)<sub>2</sub>.OH  
 Cellosolve, Ethylene Glycol Monoethyl Ether  
 Butyl Cellosolve CH<sub>3</sub>.(CR<sub>2</sub>)<sub>3</sub>.O.(CH<sub>2</sub>)<sub>2</sub>OH  
 The Carbitols  
 Carbitol  
 Methyl Carbitol  
 Ketones  
 Acetone  
 Methyl Ethyl Ketone (M.E.K.) CH<sub>3</sub>.CO. C<sub>2</sub>H<sub>5</sub>  
 Methyl Isobutyl Ketone (M.i.b.k.)  
 Isophorone, C<sub>9</sub>H<sub>14</sub>O  
 Sextone B, Methyl Cyclohexanone  
 Acetonyl Acetone, 2.5 Hexanediol  
 Furfural  
 Ester Solvents  
 Butyl Acetate. C<sub>4</sub>H<sub>9</sub>.COO.CH<sub>3</sub>  
 Butyl Lactate C<sub>4</sub>H<sub>9</sub>COO.CHOH.CH<sub>3</sub>  
 Plasticizers  
 Di-butyl Phthalate (D.B.P.)  
 Tri-phenyl Phosphate (T.P.P.)  
 Tri-cresyl Phosphate (T.C.P.)  
 Triacetin  
 Ethyl Abietate  
 Solvents From Petroleum  
 25. Printing Ink Carbon Blacks  
 Carbon Black  
 Manufacture of Impingement Channel Blacks  
 Furnace Combustion Blacks

Furnace Thermal Decomposition Blacks

Lamp Black

Charcoal Black

Bone Black

Mineral Black

Graphite

Cabot Nigrometer Scale

26. Waxes

Nature of Waxes

Mineral Waxes

Paraffin Wax

Microcrystalline Wax

Petroleum Jelly

Ozokerite

Montan Wax

Vegetable Waxes

Carnauba Wax

Candelilla Wax

Animal Waxes

Beeswax

Wool Wax or Lanolin

Tallow

Synthetic Waxes

Carbowaxes

Condensation Waxes or Glycol Ester Waxes

Acrawax

Chlorinated Naphthalenes

Polyethylene Waxes

Polyamide Waxes

Other Waxes

Uses of Waxes in Printing Inks

27. Selection of Media and Pigments for Printing

Suitability of a Resin for Letterpress and

Planographic Inks

Suitability of a Resin for Gravure Inks

Common Film Defects

Blooming or Blushing

Bubbling

Chalking

Checking

Cissing

Cracking or Flaking

Orange Peel

Pin-holding or Pitting

Wrinkling or Shrivelling

Webbing

Selection of Pigments

Comparison of Bronze, Ultramarine, and Monastral Blues

Nature of the Pigments

Masstone

Reduced Tones

Density and Oil Adsorption

Ease of Grinding

Resistance to Soap, Fats, Solvents, Water and Oils  
Stability to Chemicals  
Stability to Heat  
Stability to Light  
Pigmentation Limit  
Length and Rheological Properties  
Expense  
Special Faults  
Recommendations  
Comparison of Chrome, Hansa, and Benzidine Yellows  
Nature of Pigments  
Specific Gravity, Opacity, Oil Adsorption and Brilliancy  
Grinding and Rheological Properties  
Stability to Heat and Light  
Stability to Acids and Alkalis  
Resistance to Fat, Soap, Wax, Oil, Alcohol, and Water  
Special Advantages and Defects  
Four-colour Process Pigments  
Madder Lake Scale Test  
28. Surface-Active Agents, Anti-oxidants, And  
Adhesives  
Surface-active Agents  
Properties  
Mode of Action  
Evidence of Action  
Types of Surface-active Agents  
Lecithin  
Uses in Printing Inks  
Anti-oxidants  
Guaiacol  
Methyl Ethyl Ketoxime  
Adhesives  
Gum Arabic  
Starch  
Dextrin  
29. Analysis and Calculation  
Detection of Driers in Varnishes  
Identification of White Pigments  
Examination of Ash for Inorganic Pigments  
Ink Analysis  
Method  
Ink Technology Calculations  
30. Principles of Ink Formulation  
Colour Matching  
Grinding  
Consistency  
Drying Times  
Length of Ink  
Printed Appearance  
Machine Performance  
Fading  
Special Requirements  
31. The Intaglio Process

Copper Plate Engraving  
Mezzotinting  
Principles of Photogravure  
Preparing the Photogravure Copper Sleeve  
Rotogravure Machines  
Offset Gravure  
Die Stamping  
Hand Die-stamping Machines  
Counter-sunk Dies  
Power Press Die Stamping  
Intaglio Inks  
Types of Media for Copper-plate Inks  
Principles and Characteristics of Steel-plate  
Photogravure Inks  
Rotary Photogravure (Rotogravure)  
Rotogravure Ink Characteristics  
Simple Examples of Gravure Inks  
Synthetic Resins for Gravure  
Gravure Printing on Foil and Plastic Sheetting  
Special Gravure Inks  
Howard's Gravure Formulations  
Die-stamping Inks  
Characteristics of Die-stamping Inks  
Die-stamping Media  
Letterpress Imitation Die-stamping  
Gravure Ink Worries and Cures  
Hard and Porous Prints  
Pearling  
Poor Highlights  
Poor Neutral Greys  
Static Electricity in the Paper  
Sticking When Re-reeling the Web  
Weak or Patchy Reproduction  
32. The Lithographic Process  
Branches of Lithographic Reproduction  
Senefelder's Lithographic Stone  
Modern Lithographic Plates  
Photolithography  
Bimetallic Plates  
Trimetallic Plates  
Offset Lithography  
Pantone Dry Lithography  
Collotype Direct Lithography  
Direct Lithographic and Offset Machines  
Principle of Offset Rotary Machines  
Xerographic Printing  
The Lithographic Process  
Principle of Lithography  
Essential Properties of Lithographic Inks  
The Importance of Correct Ink-water Balance  
Offset Ink Formulation  
Conventional Direct Litho and Offset Inks  
Defective Offset Media

Anomalous Lithographic Drying  
Dry-offset Inks  
Bronze Preparations  
Tin Printing Offset Inks  
Lithographic Ink Worries and Cures  
Drying Too Fast  
Embossing the Blanket  
Fluffing  
Greasing  
Image Detail Disappears  
Image Thickens  
Ink Retreating from Fountain Roller  
Piling  
Rollers Stripping  
Scumming  
Spotty Ink Drying  
Tinting  
Worries Due to Using Etch  
33. Directory Section

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Our Detailed Project report aims at providing all the critical data required by any entrepreneur vying to venture into Project. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.

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**NIIR PROJECT CONSULTANCY SERVICES** , 106-E, Kamla Nagar, New Delhi-110007, India. **Email:** [npcs.india@gmail.com](mailto:npcs.india@gmail.com) **Website:** [NIIR.org](http://NIIR.org)



