

CHAPTER – I
(PRELIMINARY)

1. **Short title and extent**
2. **Definitions**
 - (a) “Act”
 - (b) “Appendix”
 - (c) “Artificial Humidification”
 - (d) “Belt”
 - (e) “Degrees”
 - (f) “District Magistrate”
 - (g) “Form”
 - (h) “Fume”
 - (i) “Health Officer”
 - (j) “Hygrometer”
 - (k) “Inspector”
 - (l) “Maintained”
 - (m) “Manager”
- 2-A. Competent Person
- SCHEDULE**
3. Approval of plans
- 3-A. Previous Permission From CIF
- 3-B. Details of Plants
- 3-C. Certificate of Stability
4. Application of registration and grant of license
SCHEDULE(Factory Licence Fees Chart)
5. Grant of license
6. Amendment of license
7. Renewal of license
8. Transfer of license
- 8-A. When license deemed to be granted or renewed
9. Procedure on death or disability of license
10. Loss of license
11. Mode of payment of fee
- 11-A. Suspension of license
12. Notice of occupation
- 12-A. Notice of appointment of new Manager
- 12-B. Maintenance of records
- 12-C. Health and safety policy

CHAPTER – II
(THE INSPECTING STAFF)

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| 13. | Appointment of Inspectors |
| 14. | Powers of Inspectors |
| 15. | Duties of Certifying Surgeon |

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| 16. | Cleanliness of walls and ceilings |
| | SCHEDULE –(PART A & PART B) |
| 17. | Record of white-washing, etc |
| 17-A. | Compound to be kept clean |
| 18. | Disposal of trade wastes and effluents |
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| | 2. Provision of Thermometers |
| | 3. Ventilation |
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| 20. | Provision of hygrometer |
| | (a) Weaving department |
| | (b) Other departments |
| | (c) Additional hygrometer |
| 21. | Exemption from maintenance of hygrometers |
| 22. | Copy of Schedule to rule 19 to be affixed near every hygrometer |
| 23. | Temperature to be recorded at each hygrometer |
| 24. | Specifications of hygrometer |
| 25. | Thermometers to be maintained in efficient order |
| 26. | An inaccurate thermometer not to be used without fresh certificate |
| 27. | Hygrometer not to be affixed to wall, etc unless protected by wood |
| 28. | No reading to be taken within 15 minutes of renewal of water |
| 29. | How to introduce steam for humidification |
| 30. | Lighting application and commencement |
| 31. | Lighting of interior parts |
| 32. | Prevention of glare |
| 33. | Power of Chief Inspector to exempt |
| 34. | Exemption from Rule 31 |
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| 35. | Quantity of drinking water |
| 36. | Source of water |
| 37. | Storage of water |
| 38. | Cleanliness of wells or reservoir |
| 39. | Report from Health Officer |

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| 40 | Cooling of water |
| 41. | Latrine accommodation |
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| 43. | Privacy of latrines |
| 44. | Sign boards to be displayed |
| 45. | Urinal accommodation |
| 46. | Latrines and Urinals to conform to public health requirements |
| 47. | Certain latrines and urinals to be connected to sewerage system |
| 48. | White-washing, colour-washing of latrines and urinals |
| 49. | Construction and maintenance of drains |
| 50. | Water taps on latrines |
| 51. | Number and location of spittoons |
| 52. | Type of spittoons |
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**CHAPTER – IV
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| 54. | Further safety precautions |
| | SCHEDULE –I:(Textile Machinery except Machinery used) |
| | 1. Applications |
| | 2. Definitions |
| | a) “Calendar” |
| | b) “Embossing” |
| | c) “Card” |
| | d) “Card clothing” |
| | e) “Comber” |
| | f) “Combing machinery” |
| | g) “Factory Staple cutter” |
| | h) “Garnett machine” |
| | i) “Gill box” |
| | j) “In-running rolls” |
| | k) “Interlocking arrangement” |
| | l) “Kier” |
| | m) “Ribbon lapper” |
| | n) “Silver lapper” |
| | o) “Loom” |
| | p) “Starch mangle” |
| | q) “Water mangle” |
| | r) “Mule” |
| | s) “Nip” |
| | t) “Openers and pickers” |
| | u) “Paddler” |
| | v) “Plating machine” |
| | w) “Roller printing machine” |
| | x) “Continuous bleaching range” |

- y) "Mercerising range"
- z) "Sanforizing machine"
- (aa) "Shearing machine"
- (bb) "Singering maching"
- (cc) "Slasher"
- (dd) "Tenter frame"
- (ee) "Warper"
- 3. General Safety requirements
- 4. Openers and pickers
- 5. Cotton cards
- 6. Garnett Machines
- 7. Gill boxes
- 8. Silver and ribbon lappers (cotton)
- 9. Speed frames
- 10. Spinning mules
- 11. Warpers
- 12. Slashers
 - 1) Cylinder dryers
 - 2) Enclosed hot-air dryer
- 13. Looms
- 14. Valves of kiers, tanks and other containers
- 15. Shearing machines
- 16. Continuous bleaching range (cotton and rayon)
- 17. Mercerising range (piece goods)
- 18. Tandet frames
- 19. Paddlers
- 20. Centrifugal extractors
- 21. Squeezer or wringer extractor, water mangle, starch mangle, back washer (worsted yarn), crabbing machines, and decating machines.
- 22. Sanforizing and palmer machine
- 23. Rope washers
- 24. Laundry washer tumbler or shaker
- 25. Printing-machine (roller-type)
- 26. Calenders
- 27. Rotary staple cutters
- 28. Plating machines
- 29. Hand-baling machine
- 30. Flat work ironer

SCHEDULE –II : (Cotton Ginning)

- 1. Line Shaft

SCHEDULE –III : (Wood Working Machinery)

- 1. **Definitions**
 - a) "Wood-working machine"
 - b) "Circular saw"
 - c) "Band saw"
 - d) "Planning machine"
- 2. Stopping and starting device

3. Space around machines
4. Floor
5. Training and Supervision
6. Circular saws
7. Push sticks
8. Band Saws
9. Planning Machines
10. Vertical spindle moulding machine
11. Chain mortising machine
12. Adjustment and maintenance of guards
13. Exemption

SCHEDULE –IV: (Rubber Mills)

Definition

- i) “Rubber Mill”
- ii) “Calender”

1. Installation of machines
2. Safety Devices
3. Maintenance of safety devices

SCHEDULE –V : (Centrifugal Machines)

1. **Definition**
“Centrifugal machines”
2. Every part of centrifugal machine shall be
3. Interlocking guard for drum or basket
4. Breaking arrangement
5. Operating speed
6. Exemptions

SCHEDULE –VI : (Power Press)

1. **Application**
2. **Definitions**
 - a) “approved”
 - b) “fixed fencing”
 - c) “power press”
 - d) “safety device”
3. Starting and stopping mechanism
4. Protection of tool and die
5. Appointment of persons to prepare power presses for use
6. Examination and testing of power presses and safety device
7. Defects disclosed during a thorough examination and test
8. Inspection and test of safety device
9. Defects disclosed during an inspection and test
10. Identification of power press and safety devices
11. Training and instructions of operators
12. Exemptions

SCHEDULE –VII : Shares, Slitters and Guillotine Machines

1. **Definition**

	a) “guillotine”
	b) “shears”
	c) “Slitters or slitting machines”
	2. Guillotine and Shears
	3. Slitting Machines
	4. Index cutters and vertical paper sloters
	5. Corner Cutters
	6. Band knives
55-A	Tight fitting clothing
56.	Belt etc., to be regularly examined
57.	Employment of Young persons on dangerous machines
58.	Hoist examination – particulars of
59.	Exemption of certain hoists and lifts
60.	Lifting machines, chains, ropes and lifting tackles
60-A	Passage ways for cranes
61.	Pressure vessels or plant
	1. Interpretation
	a) “design pressure”
	b) “maximum permissible working pressure”
	c) “plant”
	d) “pressure vessel”
	2. Exception
	3. Design and construction
	4. Safety Device
	5. Pressure reducing device
	6. Pressure vessel or plant being taken into use
	7. In-service test and examination
	8. Thin walled pressure vessel or plant
	9. Report by competent person
	10. Application of other laws
61-A	Safety of water sealed gas-holder
61-B	Reaction vessels and kettles
62.	Excessive weights
63.	Protection of eyes
	SCHEDULE –I
	SCHEDULE –II
64.	Minimum dimensions of manholes
65.	Exemptions
66.	Means of escape in case of fire
66-A	Fire protection
	1. Processes, equipment, plant, involving serious explosion and serious fire hazards
	2. Access for fighting
	3. Protection against lightening
	4. Precautions against ignition
	5. Spontaneous ignition
	6. Cylinders containing compressed gas
	7. Storage of flammable liquids

	8.	Accumulation of flammable dust, gas, fume or vapour in air or flammable waste material on the floors
	9.	Fire exits
	10.	First-aid, fire-fighting arrangements
	11.	Other fire-fighting arrangements
	12.	Personnel in charge of equipment for fire-fighting, fire-drills etc.
67.		Means of escapes for cotton ginning factories
68.		Ladders
68-A		Protection of worker attending to prime movers
68-B		Quality of personal protective equipments
68-C		Precautions and examination of machine
68-D		Thermic fluid heaters
68-E		Fragile roofs : Provision of crawling boards, etc
68-F		Safety Committee
68-G		Ovens and Driers
	1.	Application
	2.	Definition
	3.	Separate electrical connection
	4.	Design, construction, examination and testing
	5.	Safety ventilation
	6.	Explosion panels
	7.	Interlocking arrangements
	8.	Automatic preventilation
	9.	Temperature control
	10.	Multistage processes
	11.	Combustible substances not to drip on electrical heaters or burners flame
	12.	Periodical examination, testing and maintenance
	13.	Training of operators
	14.	Polymerising machines
68-H		Ship building, ship-repairing and ship-breaking
	1.	Application
	2.	Definition
	a)	“Certificate of entry”
	b)	“hot work”
	c)	“naked light certificate”
	d)	“oil”
	e)	“Oil tank”
	f)	“the operations”
	g)	“ship and vessel”
	h)	“shipyard”
	i)	“stage”
	j)	“stating”
	k)	“tanker”
	3.	Access to vessels in dry dock
	4.	Ladders
	5.	Lashing of ladders

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| 6. | Boatswain's chairs |
| 7. | Throwing down materials and articles |
| 8. | Loose articles or materials |
| 9. | Certification for entry into confined spaces likely to contain dangerous |
| 10. | Precaution against shortage of oxygen |
| 11. | Construction of plant for cutting, welding or heating metal |
| 12. | Precautions after use of apparatus for cutting, welding or heating metal |
| 13. | Naked light and hot work on oil-carrying vessels |
| 14. | Entering oil-tanks |
| 15. | Posting of certificates |
| 16. | Cleaning of oil tanks |
| 17. | Provisions as to work in other compartments or spaces |
| 18. | Hand Protection |
| 19. | Protection in connection with cutting or welding |
| 20. | Head protection |
| 21. | Safety-belts and life-lines |
| 22. | Health and welfare |
| 23. | Safety Supervision |

CHAPTER IV - A

68-I **Site Appraisal Committee**

68-J **1. Definitions**

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| a) | "hazardous chemical" |
| b) | "Industrial activity" |
| c) | "isolated storage" |
| d) | "major accident" |
| e) | "pipeline" |
| f) | "schedule" |
| g) | "site" |
| h) | "words and expressions" |
| 2. | Collection, development and dissemination of information |
| 3. | General responsibility of the Occupiers |
| 4. | Notification of major accidents |
| 5. | Industrial activities to which sub-rule (6) to (12) apply |
| 6. | Notification of industrial activity |
| 7. | Updating of the notification under sub-rule (e) |
| 8. | Transitional provision |
| 9. | Safety reports |
| 10. | Updating of reports under sub-rule (9) |
| 11. | Requirements for further information |
| 12. | Preparation of on-site emergency by the Occupier |
| 13. | Improvement notice |

SCHEDULE -I (Indicative criteria and list of chemicals)

PART – I – Indicative Criteria

- a) Toxic chemicals
- b) Flammable chemicals
- c) Explosive

PART – II – List of Hazardous Chemicals

SCHEDULE –2 (Isolated Storage of Installation other than those covered by Scheduled 4)

SCHEDULE –3 (List of Hazardous chemicals for application of sub-rules 5 and 7 to 13)

PART – I – List of Hazardous Chemicals

PART –II –Classes of chemicals not specifically named in Part I

SCHEDULE –4 (Industrial Installation within the meaning of sub-rule 1(b) (i))

SCHEDULE –5 (Safety Data Sheet)

SCHEDULE –6 (Information to be furnished regarding notification of a major accident)

SCHEDULE –7 (Information to be furnished for the notification of activities / sites)

SCHEDULE –8 (Information to be furnished in a Safety Report)

68-K **Disclosure of information to workers**

68-L **Disclosure of information to the Chief Inspector**

68-M **Review of the information furnished to workers etc**

68-N **Confidentiality of Information**

68-O **Health and Safety Policy**

68-P **Information on industrial wastes**

68-Q **Collection, development and dissemination of information**

68-R **Making available Health Records to workers**

68-S **Qualifications, etc. of Supervisors**

68-T **Medical Examination**

68-U **Occupational Health Centres**

SCHEDULE (Rule 68-U (b) (1)Equipment for occupational health center in factories

68-V **Ambulance Van**

68-W **Decontamination facilities**

68-X **Issue of guidelines**

68-Y **Safety Committee : For every factory**

CHAPTER V

69. Washing Facilities

69-A Facilities for storing and drying clothing

SCHEDULE

70. First aid appliance

70-A Notice regarding first-aid

71. Ambulance room

72. Canteens

73. Dining Hall

74.	Equipment
75.	Prices to be displayed
76.	Accounts
77.	Managing Committee
78.	Foodstuffs to be served and price to be charged
79.	Shelters, rest rooms and lunch-rooms
80.	Creches
81.	Wash room
82.	Supply of Milk and Refreshment
83.	Creche Staff
83-A	Qualifications of woman incharge

**CHAPTER VI
(WORKING HOURS OF ADULTS)**

84.	Compensatory Holidays
84-A	1) Factories exempted under section 58
85.	Muster-roll for exempted factories
85-A	Overtime Slips
86.	Double employment of workers
87.	Notice of periods of work for adults
88.	Register of adult workers
89.	Persons defined to hold positions of supervision or managements or confidential position
	SCHEDULE : List of persons defined to hold positions of Supervision or Management in Factories
	I – All factories
	II – Engineers Workshops
	III – Spinning and Weaving Mills
90.	List to be maintained of persons holding confidential position of supervision of management
91.	Exemption of certain adult workers
	SCHEDULE
91-A	Exemption to women workers working in fish-curing and fish canning factories

**CHAPTER VII
(EMPLOYMENT OF YOUNG PERSONS)**

92.	Notice of periods of work for children
93.	Register of child workers

**CHAPTER VIII
(ANNUAL LEAVE WITH WAGES)**

94.	Leave with wages register
95.	Leave Book
96.	Medical Certificate
97.	Notice Of Inspector of Lay off

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| 98. | Notice by worker |
| 99. | Notice by Manager |
| 99-A | Mode of leave |
| 100. | Payment of leave wages due if worker dies |
| 101. | Register to be maintained in case of exemption under section 84 |

CHAPTER IX
(SPECIAL PROVISIONS)

102. **Dangerous manufacturing Process or Operations**

SCHEDULE –I : (Manufacture of aerated wasters and processes incidental thereto)

1. Fencing of machines
2. Face-guards and gauntlets
3. Wearing of face guards and gauntlets

SCHEDULE –II : (Electrolytic plating or oxidation of metal articles by use of an electrolyte containing acids, bases or salts of metals such as chromium, nickel, cadmium, zinc, copper, silver, gold etc)

1. **Definitions**

- a) “electrolytic process”
- b) “bath”
- c) “employed”

2. Exhaust draught
3. Prohibition relating to women and young persons
4. Floor of workrooms
5. Protective devices
6. Water facilities
7. Cautionary placard
8. Medical facilities and record of examinations and tests
9. Medical Examination by the Certifying Surgeon

SCHEDULE –III : Manufacture and repair of electric accumulators

1. **Savings**

2. **Definitions**

- a) “Lead Process”
- b) “Manipulation of raw oxide of lead”
- c) “Suspension”

3. Prohibition relating to women and young persons
4. Separation of certain processes
5. Air space
6. Ventilation
7. Distance between workers in pasting room
8. Floor of work-rooms
9. Work-benches
10. Exhaust draught
11. Fumes and gases from melting post
12. Container for dross

13. Container for lead waste
14. Racks and shelves in drying room
15. Medical examination
16. Protective clothing
17. Mess room
18. Cloak-room
19. Washing facilities
20. Time to be allowed for washing
21. Facilities for bathing
22. Foods, drinks, etc prohibited in work-rooms
23. Storage of lead oxides
24. Re-use of paper or cloth restricted

SCHEDULE –IV :(Glass Manufacturers)

1. **Exemption**
2. **Definitions**
 - a) “Efficient exhaust draught”
 - b) “Lead Compound”
3. Exhaust draught
4. Prohibition relating to women and young persons
5. Floor and work-benches
6. Use of Hydrofluoric acid
7. Storage and transport of hydrofluoric acid
8. Food, drinks, etc prohibited in work-rooms
9. Protective clothing
10. Washing facilities
11. Medical Examination

SCHEDULE –V :(Grinding of glazing of metals and processes incidental thereto)

1. **Definitions**
 - a) “Grindstone”
 - b) “Abrasive wheel
 - c) “Grinding”
 - d) “Glazing”
 - e) “Racing”
 - f) “Hacking”
 - g) “Rodding”
2. **Exception**
3. Equipment for removal of dust
4. Restriction on employment on grinding operation
5. Glazing
6. Hacking and rodding
7. Examination of dust equipment

SCHEDULE –VI : (Manufacture and treatment of lead and certain compounds of lead)

1. **Exemptions**
2. **Definitions**
 - a) “Lead Compound”
 - b) “Efficient Exhaust Draught”

3. Application
4. Prohibition relating to women and young persons
5. Requirement to be observed
6. Exhaust draught
7. Certificate of fitness
8. Medical Examination
9. Food drinks, etc prohibited in work-rooms
10. Protective clothing
11. Cleanliness of work rooms, tools, etc
12. Washing facilities
13. Mess-room or Canteen
14. Cloak room

SCHEDULE –VII :(Generation of gas from dangerous petroleum as defined in clause (b) of Section 2 of the Petroleum Act, 1934)

1. Prohibition relating to women and young persons
2. Flame traps
3. Generation buildings or room
4. Fire extinguishers
5. Plant to be approved by Chief Inspector
6. Escape of Petrol
7. Prohibition relating to smoking etc
8. Access to petrol or container
9. Electric fittings
10. Construction of doors
11. Repair of containers

SCHEDULE –VIII : Cleaning, smoothing, roughening or removing or any part of the surface of articles, by a jet of sand, metal shot, or grit or other abrasive propelled by a blast of compressed air or steam (Blasting Regulations).

1. Definitions

- a) "Blasting"
- b) "Blasting enclosure"
- c) "Blasting chamber"
- d) "Cleaning of castings"

2. Prohibition of Sand Blasting
3. Precautions of connection with Blasting Operations
 - 1) Blasting to be done in blasting enclosure
 - 2) Maintenance of blasting enclosure
 - 3) Provision of separating apparatus
 - 4) Provision of ventilating plant
 - 5) Operation of ventilating plant
4. Inspection and examination
5. Provision of protective helmets gauntlets and overalls
6. Precautions in connection with cleaning and other work
7. Storage accommodation for protective wear
8. Maintenance and cleaning of protective wear

9. Maintenance of vacuum cleaning plant
10. Restrictions in employment of young persons
11. Power to exempt or relax

SCHEDULE –IX: Liming and tanning of raw hides and skins and processes incidental thereto

1. Cautionary notices
2. Protective clothing
3. Washing facilities, mess-room and cloak-room
4. Foods, drinks etc prohibited in work-rooms
5. First-aid arrangements

SCHEDULE –X: Manufacture of chromic acid or manufacture or recovery of the bichromate of sodium, potassium or ammonium

1. Definitions

- a) “Chrome process”
- b) “Efficient exhaust draught”
- c) “Suspension”

2. Prohibition relating to women and young persons
3. Efficient exhaust draught
- 3-A Separation of certain processes
4. Washing facilities
5. Time to be allowed for washing
6. Flooring
7. Medical facilities
8. Protective equipment
9. Use of protective equipment
10. Cloak room
11. Mess room
12. Food, drinks, etc., prohibited in work-rooms
13. Medical examination
14. Fencing of vessels
15. Cautionary notice
16. Exemption

SCHEDULE –XI: Manufacture or Manipulation of carcinogenic dye Intermediates

1. Application

2. Definition

- a) “Controlled substances”
- b) “efficient exhaust draught”
- c) “prohibited substances”
- d) “first Employment”

3. Prohibited substances
4. Controlled substances
5. Prohibition of employment
6. Requirements for processing or handling controlled substances
7. Personal Protective Equipment

8. Prohibition relating to employment of women and young persons
9. Floor of work-room
10. Disposed of empty containers
11. Manual handling
12. Instructions regarding risk
13. Cautionary placards
14. Obligations of the workers
15. Washing and bathing facilities
16. Food, drinks etc. prohibited in work-room
17. Cloak room
18. Mess room
19. Time allowed for washing
20. Restriction on age of persons employed
21. Medical facilities and records of examination and tests
22. Medical examination by the Certifying Surgeon
23. Exemptions – Prohibited substances

APPENDIX: cautionary Placard / Notice – Carcinogenic dye intermediates

SCHEDULE –XII: (Manipulation of acids or alkalis)

1. **Definitions**
2. **Application**
3. Flooring
4. Protective equipment
5. Water facilities
6. Cautionary Notice
7. Transport
8. Device for handling acids or alkalis
9. Opening of valves
10. Cleaning tanks, stills etc
11. Storage
12. Fire extinguishers
13. Exemption

SCHEDULE –XIII: (Manufacture of bangles and other articles from cinematograph film and toxic and inflammable solvents)

1. **Definitions**
 - a) (i) Toxic inflammable solvents
 - (ii) “bangle polish and :bangle mixture”
 - b) “suspension”
 - c) “approval”
 - d) “first employment”
2. **Application**
3. Prohibition relating to employment of women and young persons
4. Medical Examination
5. Protective clothing

6. Ventilation
7. Drying of cinematograph film
8. Storage of raw materials
9. Disposal of waste films
10. Prohibition for smoking
11. Caution with regard to electrical installation
12. Floor of work-rooms
13. Time to be allowed for washing
14. Washing facilities
15. Facilities for bathing
16. Cloak room
17. Food, drinks, etc prohibited in work-rooms
18. Mess-room
19. Fire-fighting appliances
20. Means of escape in case of fire
21. Cautionary notices

SCHEDULE –XIV: (Processes involving manufacture, use or evolution of carbon Disulphide and hydrogen sulphide)

1. Definitions

- a) (i) “breathing apparatus”
(ii) any other suitable apparatus
- b) “churan”
- c) “dumping”
- d) “efficient exhaust draught”
- e) “fume process”
- f) “life belt”
- g) “suspension”

3. Efficient exhaust draught and supply of fresh air
4. Air analysis
5. Electric fittings in carbon disulphide fume process room except the spinning room
6. Washing facilities
7. Protective equipment
8. Use of protective equipments
9. Storage of protective equipment
10. Mess room
11. Prohibition relating to smoking etc in carbon disulphide fume process room
12. Prohibition to remain in fume process room
13. Mechanical Examination
14. Breathing apparatus and measures
15. Cautionary placard and instructions
16. Exemption

SCHEDULE –XV: Manufacture and Manipulation of Dangerous Pesticides

1. Definitions

- a) “Pesticides”
- b) “dangerous pesticides”

- c) "Suspension
- d) "first employment"
- e) "efficient exhaust draught"
- f) "manipulation"
- 2. **Application**
- 3. Cautionary placard
- 4. Prohibition relating to employment of women and young persons
- 5. Air space
- 6. Prohibition of the said manufacturing process without efficient exhaust draught
- 7. Floor of work-room
- 8. Work Benches
- 9. Waste
- 10. Empty containers used for dangerous pesticides
- 11. Manual handling
- 12. Protective clothing
- 13. Medical facilities
- 14. Medical examination
- 15. Time allowed for washing
- 16. Washing and bathing facilities
- 17. Food, Drinks, etc prohibited in work rooms
- 18. Cloak-Room
- 19. Mess Room
- 20. Exemption
- 21. Manipulation not be undertaken

APPENDIX I : List of Dangerous Pesticides

APPENDIX II : Cautionary Placard

SCHEDULE XVI : Compression of oxygen and hydrogen produced by the electrolysis of water

SCHEDULE XVII : Handling and processing of Asbestos, Manufacture of any article of Asbestos and any other process of manufacture or otherwise in which Asbestos is used in any form

- 1. **Application**
- 2. **Definitions**
 - a) "asbestos"
 - 1) "asbestos dust"
 - 2) "airborne asbestos dust"
 - 3) "respirable asbestos fibers"
 - 4) "exposure to asbestos"
 - b) "asbestos textile"
 - c) "approved"
 - d) "breathing apparatus"
 - e) "efficient exhaust draught"
 - f) "preparing"
 - g) "Protective clothing"
- 3. Tools and Equipment

4. Exhaust draught
5. Testing and examination of ventilating system
6. Segregation in case of certain process
7. Storage and distribution of loose asbestos
8. Asbestos sacks
9. Maintenance of floors and workplaces
10. Breathing Apparatus and Protective clothing
11. Separate accommodation for personal clothing
12. Washing and bathing facilities
13. Mess-room
14. Prohibition of employment of young persons
15. Prohibition relating to smoking
16. Cautionary Notice
17. Air Monitoring
18. Medical facilities and records of medical examinations and tests
19. Medical examination by Certifying Surgeon

SCHEDULE XVIII : Manufacture of articles from refractory materials including manufacture of refractory bricks

1. **Application**

2. **Definitions**

- a) "Refractory material"
- b) "refractory bricks"
- c) "Efficient exhaust draught"

SCHEDULE XIX : Chemicals Works

PART – I

1. **Application**

2. **Definitions**

- a) "Chemical Works"
- b) "efficient exhaust draught"
- c) "bleaching power"
- d) "chlorate"
- e) "caustic"
- f) "chrome process"
- g) "nitro or amino process"
- h) "permit to work"
- i) "toxic substances"
- j) "emergency"
- k) "dangerous chemical reactions"
- l) "manipulation"
- m) "approved personal protective equipment"
- n) "appropriate personal protective equipment"
- o) "confined space"

PART – II

First Schedule of the Act

1. Housingkeeping
2. Improper use of chemicals
3. Prohibition on the use of food, etc

4. Cautionary Notices and instructions
5. Evaluation and provision of safeguards before the commencement of process
6. Authorised entry
7. Examination of instruments and safety devices
8. Electrical installations
9. Handling and storage of chemicals
10. Facilities for isolation
11. Personal protective equipment
12. Alarm systems
13. Control of escape of substances into the work atmosphere
14. Conduct of dangerous chemical reactions
15. Testing examination and repair of plant and equipment
16. Staging
17. Seating arrangements
18. Entry into or work in confined spaces
19. Maintenance work etc
20. Permit to work system
21. Safety sampling personnel
22. Ventilation
23. Procedure for meeting emergencies
24. Danger due to effluents

PART – III : Fire and Explosions Risks

1. Internal combustion engine, electric motor or other electrical equipment
2. Static Electricity
3. Lightning protection
4. Process heating
5. Leakage of flammable liquids
6. Safety valves
7. Installation of pipe line etc
8. Fire-fighting systems

PART – IV : Risks of Toxic Substances

1. Leakage
2. Drainage
3. Covering of vessels
4. Continuous exhaust arrangement
5. Work Bench
6. Waste disposal

PART – V : Special Provisions

1. Special precautions for Nitro or Amino processes
2. Special precautions for chrome processes
3. Special precautions for processes carried out in all glass vessels
4. Special precautions for processes involving chlorate manufacture

5. Special precautions in use of plant and equipments made from reinforced plastics

PART – VI : Additional Welfare Amenities

1. Washing facilities
2. Mess-room facilities
3. Clockroom facilities
4. Special bathing facilities

PART – VII

1. Duties of workers

PART – VIII : Restrictions on the employment of young persons under 18 years of age and women

Appendix (Concerning special bathing accommodation in pursuance of para 4 of Part VI.)

SCHEDULE XX : Manufacture and use of Benzene and its allied products

2. **Definition**
 - a) substances containing benzene
 - b) substitute
 - c) enclosed system
 - e) efficient exhaust draught
3. Manner of using Benzene or its substitutes
4. Protection against inhalation
5. Measures against skin contact
6. Prohibition relating to employment of women and young persons
7. Labelling
8. Improper use of benzene
9. Prohibition of consuming of food etc in work rooms
10. Instructions regards risks
11. Cautionary notices
12. Washing facilities, cloak rooms and mess room
13. Medical Examination

APPENDIX A (See Caluse 3 b)

APPENDIX B (See Caluse 11)

SCHEDULE XXI : Process of extracting Oils and fats from vegetables and animal sources in solvent extraction plants

1. **Definition**
2. Location and Layout
3. Electrical installations
4. Restriction on smoking
5. Precautions against friction
6. Fire-fighting
7. Precaution against power failure
8. Magnetic separators
9. Venting
10. Waste water
11. Ventilation
12. Housekeeping

13. Examination and repairs
14. Operating personnel
15. Employment of women and young persons
16. Vapour detection
17. Examination

SCHEDULE XXII : Manufacturing process or operations in Carbon Disulphide plants

1. **Application**
2. Construction, installation and operation
3. Electrodes
4. Maintenance of charcoal level
5. Charcoal separator
6. Rupture discs and safety seal
7. Pyrometer and manometers
8. Check valves
9. Inspection and maintenance of electric furnaces
10. Maintenance of records
11. Electric apparatus, wiring and fittings
12. Prohibition relating to smoking
13. Means of escape
14. Warning in case of fire
15. Fire-fighting equipment
16. Bulk
17. Liquid Sulphur
18. Training and supervision
19. Washing facilities
20. Personal protective equipment
21. Cloak rooms
22. Unauthorised persons

SCHEDULE XXIII : Operations involving High Noise levels

1. **Application**
2. **Definitions**
 - a) "Noise"
 - b) "High noise level"
 - c) "Decibel"
 - d) "Frequency"
 - e) "dBA"
 - f) "A-weighting"
3. Protection against noise

SCHEDULE XXIV : Welding/Cutting operation with the use of LPG/Acetylene/Argon

1. Applicability
2. Equipment

SCHEDULE XXV : Manufacture of pottery

1. **Application**
2. **Definitions**
 - a) "pottery"
 - b) "efficient exhaust draught"

	c) "fetting"
	d) "leadless glaze"
	e) "low solubility glaze"
	f) "ground or powdered flint or quartz"
	g) "potter's shop"
3.	Efficient exhaust draught
4.	Separation of processes
5.	Prohibition on use of glaze
6.	Prohibition relating to women and young persons
7.	Prohibition of screen to potter's wheel
8.	Control of dust during cleaning
9.	Floor of certain workroom
10.	Protective equipment
11.	Washing facilities
12.	Time allowed for washing
13.	Messroom
14.	Food, Drinks, etc. prohibited in work-rooms
15.	Cloakroom etc
16.	Medical examination
17.	Certificate of fitness
SCHEDULE XXVI : Operations in Foundries.	
1.	Application
2.	Definitions
	a) "approved respirator"
	b) "cupola or furnace"
	c) "dressing or feeting operator"
	d) "foundry"
	e) "Knock-out operation"
	f) "pouring aisle"
3.	Prohibition of use of certain materials as parting materials
4.	Arrangement and storage
5.	Construction of floors
6.	Cleanliness of indoor workplaces
7.	Manual operations involving molten metal
8.	Gangways and pouring aisles
9.	Work near cupolas and furnaces
10.	Dust and fumes
11.	Maintenance and examination of exhaust plant
12.	Protective Equipments
13.	Washing and bathing facilities
14.	Disposal of waste
15.	Disposal of dress and skimmings
16.	Material and equipment left out of doors
17.	Medical facilities and records of examinations and tests
18.	Medical examination by Certifying Surgeon
103.	Notification of accidents and dangerous occurrences

SCHEDULE

104. **Notice of poisoning or disease**

**CHAPTER X
(SUPPLEMENTAL)**

105. Procedure in appeals

2) Appointment of assessors

4) Remuneration of assessors

106. Display of notice

107. Returns

1) Annual Return

2) Half yearly return

3) Annual return of holidays

108. Service of notice

109. Information required by the Inspector

110. Muster-roll

110-A Identity Cards

111. (1) Register of accidents and dangerous occurrences

112. Maintenance of Inspection Book

113. Information regarding closure of factories

114. Repeal and saving

FORMS**NOTIFICATIONS**