

Shedule N (List of minimum euipment to run pharmacy

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What is shedule N?

- ▶ **IT IS THE LIST OF MINIMUM EQUIPMENT FOR THE EFFICIENT RUNNING OF A PHARMACY**

ENTRANCE AND PREMISES

- ▶ The front of a pharmacy shall bear an inscription “Pharmacy” in front.
- ▶ Premises:
- ▶ The premises of a pharmacy shall be separated from rooms for private use.
- ▶ The premises shall be well built, dry, well lit and ventilated and, of sufficient dimensions to allow the goods in stock, especially medicaments and poisons to be kept in a clearly visible and appropriate manner.
- ▶ The areas of the section to be used as dispensing department shall be not less than 6 square meters for one pharmacist working therein with additional 2 square meters for each additional pharmacist.
- ▶ The height of the premises shall be at least 2.5 meters.

PREMISES

- ▶ The floor of the pharmacy shall be smooth and washable.
- ▶ The walls shall be **plastered or tiled or oil painted** so as to maintain smooth, durable and washable surface devoid of holes, cracks and crevices.
- ▶ A pharmacy shall be provided with ample supply of **good quality water**.
- ▶ The **dispensing department** shall be separated by a barrier to prevent the admission of the public

Furniture and apparatus.

- ▶ The furniture and apparatus of a pharmacy shall be adopted to the uses for which they are intended and correspond to the size and requirements of the establishment.
- ▶ Drugs, chemicals, and medicaments shall be kept in a room **appropriate to their properties** and in such special containers as will prevent any **deterioration of the contents** or of contents of containers kept near them.
- ▶ Drawers, glasses and other containers used for keeping medicaments shall be of **suitable size and capable of being closed tightly to prevent the entry of dust.**
- ▶ Every container shall bear a label of appropriate size, **easily readable with names of medicaments** as given in the Pharmacopoeias.

Furniture and apparatus.

- ▶ A pharmacy shall be provided with a **dispensing bench**, the top of which shall be covered with washable and impervious **material like stainless steel, laminated or plastic**, etc.
- ▶ A pharmacy shall be provided with **a cupboard with lock and key** for the storage of poisons and shall be clearly marked with the word '**POISON**' in **red letters on a white background**.
- ▶ Containers of all concentrated solution shall bear special label or marked with the words "**To be diluted**".

apparatus

Minimum apparatus and books necessary for making of official preparations and prescriptions:–

- ▶ Balance, dispensing, sensitivity 30 mg.
- ▶ Balance, counter, capacity 3 Kgm., sensitivity 1 gm.
- ▶ Beakers, lipped, assorted sizes.
- ▶ Bottles, prescription, ungraduated assorted sizes.
- ▶ Corks assorted sizes and tapers.
- ▶ Cork, extractor.
- ▶ Evaporating dishes, porcelain.
- ▶ Filter paper.
- ▶ Funnels, glass.
- ▶ Litmas paper, blue

apparatus

- ▶ Measure glasses cylindrical 10 ml, 25 ml, 100 ml and 500 ml.
- ▶ Mortars and pestles, glass.
- ▶ Mortars and pestles, wedgwood.
- ▶ Ointment pots with bakelite or suitable caps.
- ▶ Ointment slab, porcelain
- ▶ Pipette graduated, 2 ml, 5 ml and 10 ml.
- ▶ Ring, stand (retort) iron, complete with rings.
- ▶ Rubber stamps and pad
- ▶ Scissors
- ▶ Spatulas, rubber or vulcanite
- ▶ Spatulas, stainless steel.

apparatus

- ▶ Glass stirring rods.
- ▶ Thermometer, 0°C to 200°C.
- ▶ Tripod stand.
- ▶ Watch glasses.
- ▶ Water bath.
- ▶ Water distillation still in case Eye drops and Eye lotions are prepared.
- ▶ Weights, Metric, 1 mg. to 100 gm.
- ▶ Wire Gauze.
- ▶ *Pill finisher, boxwood.
- ▶ * Pill Machine.
- ▶ * Pill Boxes.
- ▶ * Suppository mould.

BOOKS

- ▶ The Indian Pharmacopoeia (Current Edition).
 - ▶ National Formulary of Indian (Current Edition).
 - ▶ The Drugs and Cosmetics Act, 1940.
 - ▶ The Drugs and Cosmetics Rules, 1945.
 - ▶ The Pharmacy Act, 1948.
 - ▶ The Dangerous Drugs Act, 1930.
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GENERAL PROVISIONS

- ▶ Registered Pharmacist whose name shall be **displayed** clearly in the premises.
- ▶ The Pharmacist shall always put on clean white overalls.
- ▶ The premises and fittings of the pharmacy shall be properly kept and everything shall be in **good order and clean**.
- ▶ All **records and registers** shall be maintained in accordance with the laws in force.
- ▶ Any container taken from the poison cupboard shall be replaced therein immediately after use and the cupboard locked.
- ▶ The keys of the poison cupboard shall be kept in the personal **custody of the responsible person**.
- ▶ Medicaments when supplied shall have labels conforming to the provisions of laws in force.

References

- ▶ Government of india[(I)] Ministry Of Health And Family Welfare(department Of Health) The drugs and cosmetics act and rules New Delhi, The 11 December, 2001
- ▶ B.M.Mittal –text book of forensic pharmacy vallabh prakashan.