

Rank	Common	Summer	Winter	Remarks
All other and above	1. Fire Tunic Khaki (Light/Heavy to be decided Local Fire Officer)	1. Shirts, Khaki Cellular full sleeves	1. Tunic Khaki woollen closed collar double breasted broad cloth	Light Khaki drill superior Heavy Khaki woollen broad cloth
	2. Trouser Khaki (Light/Heavy to be decided by Local Fire Officer)		2. Jersey woollen Khaki full sleeve with leather elbow protector, two small side pockets & slots for shoulder straps	
	3. Beret Khaki woollen with badge or Turban khaki muslim 7 yds. for Sikhs with badge		3. Gloves, woollen khaki	
	4. Socks, woollen		4. Heavy woollen coat khaki	
	5. Boots ankle leather black (shoes for Driver Operators)	woollen	5. Blanket	
	6. Gum boots			
	7. Fire Helmet black leather			
	8. Lanyard marron with whistle thunder bolt for 1/Fireman only.			
	9. Belt Khaki webbing with pouch and belt line of 12 ft. white cotton cord.			
	10. Axe Fireman with insulated handle			
	11. Buttons large & small with shining white metals with markings			
	12. Badges of ranks as applicable as per SFAC recommendation			
	13. Kit bag/box			
	14. Overalls Khaki drill			
	15. Vests cotton white			
	16. Shorts Khaki drill			
	17. Shoes Canvas white			
	18. Shoulder titles metal			
	19. Durries			

## APPENDIX" 13-F"

### DRESS ORDERS FOR VARIOUS OCCASIONS FOR FIRE SERVICE PERSONNEL

(See para 13 under 13-Ranks Uniforms and Rank Markings)

The order of dress for Fire Service to be worn at different occasions as finally approved by the Committee are as follows :-

#### I. ORDER OF DRESS FOR SUB OFFICERS & ABOVE

##### (a) Ceremonial dress

- (i) Peak Cap navy blue serge superior with cloth peak and appropriate cap badge (Turban for Sikhs) or Fire appliance.
- (ii) Shirts khaki Lus Talin Full sleeves.
- (iii) Tie navy blue.
- (iv) Tunic open collar khaki drill superior with cloth belt for summer, or Tunic Khaki serge open collar for winter.
- (v) Trouser Khaki
- (vi) Socks navy blue woolen.
- (vii) Shoes Black with oxford front toe cap.
- (viii) Lanyard and whistle.
- (ix) Badges of rank and shoulder titles, and
- (x) Decorations (if any).

##### (b) Ceremonial dress

- (i) Fire Helmet.
- (ii) Fire Tunic Khaki with epaulettes according to rank
- (iii) Trousers Khaki.
- (iv) Pair of black leather knee boots.
- (v) Lanyard and whistle.
- (vi) Web belt khaki with pouch, pocket line and axe.

##### (c) Non-operational working dress

- (i) Peak cap navy blue serge superior (Turban for Sikhs)
- (ii) Bush Shirt khaki cellular full sleeves for summer or Tunic Khaki serge open collar for winter.
- (iii) Trouser khaki
- (iv) Socks navy blue.
- (v) Shoes black.
- (vi) Lanyard and whistle.
- (vii) Badges of rank and shoulder titles.

#### II. ORDER OF DRESS FOR RANKS BELOW SUB OFFICER

##### (a) Ceremonial dress

- (i) Beret navy blue woolen with badge (Turban for Sikhs) or Fire Helmet while riding fire appliances.
- (ii) Shirts Khaki cellular for summer and tunic khaki woolen closed collar for winter.
- (iii) Trouser Khaki.
- (iv) Socks navy blue.
- (v) Socks navy blue.
- (vi) Boots Ankle leather black (Shoes for Driver Operators).
- (vii) Lanyard and whistle (for Leading Firemen only).
- (viii) Badges of rank and shoulder titles.
- (ix) Decorations (if any).

**(b) Operational dress**

(For turn out and fire drills).

- (i) Fire Helmet.
- (ii) Fire Tunic Khaki.
- (iii) Trouser Khaki.
- (iv) Socks navy blue.
- (v) Gum Boots.
- (vi) Web belt, pouch, pocket line and axe.
- (vii) Lanyard and whistle (For Leading Firemen Only)

**(c) Non Operational working dress**

(For Squad drills and station duties).

- (i) Beret navy blue (Turban for Sikhs).
- (ii) Shirt Khaki cellular for summer and shirt with jersey woolen for winter.
- (iii) Trouser Khaki.
- (iv) Web belt, pouch, pocket line and axe.
- (v) Socks, navy blue.
- (vi) Boots Ankle leather black.
- (vii) Lanyard and whistle (For Leading Firemen Only)
- (viii) Badges of rank and shoulder titles.

**(d) Dress for Physical working Training**

- (i) Vests cotton white.
- (ii) Shorts Khaki drill.
- (iii) Socks.
- (iv) Canvas shoes white.

**DRAFT FIRE SERVICE UNIFORM RULES**  
**Fire Service Uniform Rules 19**

(See para 13 under 13 - Ranks, Uniforms and Rank Markings)

In exercise of the powers conferred by Section \_\_\_\_\_ of State Fire Force Act \_\_\_\_\_ or Local Authority Act, the Governor of \_\_\_\_\_ or the chief of the \_\_\_\_\_ Local Authority, hereby makes the following rules for the supply of Uniform to members of the fire Service.

**1. Short Title**

These rules may be called the \_\_\_\_\_ State (or Municipal) Fire Service (uniform) Rules 19 \_\_\_\_\_.

**2. Definitions**

In these rules, unless the context otherwise requires-

- (a) 'Government' in relation to a member of the Service means the "Government" of the State, where the member is appointed.
- (b) 'Service' means the respective Fire Force maintained by the Fire Authority.
- (c) 'Fire Authority' means the Government of State, where the Fire Service is under the administration of the Government; or the Municipal Corporation, where the Service is under the administrative control of Municipality or the Corporation.

**3. Specification of Uniform**

The uniform to be worn by a member of the Service shall be as specified in the schedules to these rules (hereinafter referred to as "the uniform"):

Provided that a person who was a member of the Service immediately before the commencement of these rules shall not be required to provide himself with any articles of the uniform, until the corresponding articles of his uniform equipment in use at such commencement is worn out or until he receives his next grant for the upkeep of the uniform, whichever is earlier.

**4. Supply of Uniform**

Every member of the Service shall on appointment thereto, be entitled to receive from the Fire Authority a free supply of uniform, as per schedule to these rules, followed by further issues of such of the articles which require replacement annually or otherwise as decided by the Fire Authority on local conditions.

The Fire Authority may in lieu of free supply of uniform articles, reimburse equivalent cost of such supply to ranks above Station Officers.

**5. Permitted Occasions of Wear**

The issue of Fire Services Uniform and foot-wear to members of Fire Services shall be made on the understanding that all articles of uniform are to be worn only while on duty or when going to or returning from duty. Supervisory officers shall bring these orders to the notice of all members of the Fire Services and shall take such action as they deem necessary to ensure that the orders are complied with.

**6. Cleaning and Repairs of Uniforms**

Members of the Fire Service are responsible for the cleaning and proper up-keep of their individual uniforms. The State Government or Local Authority shall make provision for expenditure on alterations, repairs and for cleaning materials.

**7. Responsibility for Loss or Damage**

If any loss or damage occurs, which is proved to be due to the negligence on the part of the wearer, appropriate action shall be taken to recover the proportionate cost, taking into account the depreciated value of the article, due to fair wear and tear.

If the Fire Authority is satisfied that all appropriate care and precautions have been taken and decide that the loss was due to circumstances beyond individual control, the cost of uniform shall be written off and another set of uniform or items lost, shall be supplied free of charge to the member concerned.

**8. Withdrawal of uniform from Members of the Fire Service:**

Any member leaving the service on resignation or discharge on disciplinary grounds is required to return his last supply of uniform clothing to the Fire Authority.

**9. Deposit of Uniform before Proceeding on Long Leave:**

All members of the Fire Service below the rank of Sub Officer shall deposit all articles of uniform of the respective fire Authority before proceeding on long leave 30 days or over and the same will have to be shown against the respective clothing card.

**10. Personal Equipment Care**

Every member of the service, shall on appointment be issued with a card showing the items of personal equipment together with their quantity and the date of issue. A form of the card is given in Schedule VIII.

Any article of uniform condemned or written off or re-issued shall be entered in the card under the dated initials of the issuing authority. The card will have to be deposited with the uniform at the time of the return of the uniform as stated under clauses 8 and 9 above.

This card will facilitate quick checking of the articles at the time of monthly inspections and will serve the purpose of a duplicate card.

**11. Interpretation**

If any question arises relating to the interpretation of these rules, it may be referred to the government (or Local Authority) for advise.

**12. Repeal and Saving**

Any rules corresponding to these rules in force, immediately before the commencement of these rules are hereby repealed:

Provided that any order made or action taken under the rules so repealed shall be deemed to have made or taken under the corresponding provision of these rules.

## SCHEDULE - I

### List of Uniform Clothing (For-Sub-Officers & above)

Rank	Common	Summer	Winter	Remarks
Sub-Officer and above	1. Fire Tunic Khaki (Light/Heavy to be decided by Local Fire Officer)	1. Bush Shirts Khaki cellular full sleeves	1. Tunic Khaki serge open collar	Light Khaki Superior Summer cloth, Heavy Khaki serge superior Same as for 1 to No.1
	2. Trouser Khaki (Light/Heavy to be decided by Local Fire Officer)	2. Tunic, open collar khaki drill superior	2. Heavy woollen coat, khaki	
	3. Shirts, Khaki Lus Talin full sleeves	3.	Gloves, woollen khaki	
	4. Tie, maroon blue.			
	5. Peak Cap, Khaki serge superior with cloth peak and appropriate cap badge or Turban Khaki muslim, 7 yds for Sikh Officers with appropriate cap badge.			
	6. Socks, woollen			
	7. Shoes, black with Oxford front toe cap.			
	8. Pair of black leather Wellington knee Boots.			
	9. Fire Helmet black leather.			
	10. Lanyard and whistle (lanyard to be maroon plated and whistle to be thunder-bolt chrome plated).			
	11. Belt Khaki webbing with pouch and pocket line of 12 ft. white cotton cord.			
	12. Axe fireman with insulated handle.			
	13. Buttons large and small white shining met 1 with markings.			
	14. Badges of ranks as applicable as per SEAC recommendation.			
	15. Water-proof coat.			
	16. Epaulettes white metal for Fire Tunics.			
	17. Shoulder titles white metal.			

## SCHEDULE - II

### List of Uniform Clothing (For other ranks below sub-officers)

Rank	Common	Summer	Winter	Remarks
All other ranks	1. Fire Tunic Khaki (Light/Heavy to be decided by Local Fire Officer)	1. Shirts, Khaki Cellular full sleeves	1. Tunic Khaki woollen drill closed collar double breasted broad cloth	Light Khaki Superior Heavy Khaki woollen broad cloth
	2. Trouser Khaki (Light/Heavy to be decided by Local Fire Officer)		2. Jersey woollen Khaki full sleeves with leather elbow protector, two small side pockets & slots for shoulder straps	
	3. Beret Khaki woollen with badge or Turban khaki muslim 7 yds. for Sikhs with badge		3. Gloves, woollen khaki	
	4. Socks, woollen		4. Heavy woollen coat khaki	
	5. Boots ankle leather black (shoes for Driver Operators)		5. Blanket woollen	
	6. Gum boots			
	7. Fire Helmet black leather			
	8. Lanyard maroon with whistle thunder bolt for 1/Fireman only.			
	9. Belt Khaki webbing with pouch and belt line of 12 ft. white cotton cord.			
	10. Axe Fireman with insulated handle.			
	11. Buttons large & small with shining white metals with markings			
	12. Badges of ranks as applicable as per SFAC recommendation.			
	13. Kit bag/box			
	14. Overalls Khaki drill			
	15. Vests cotton white			
	16. Shorts Khaki drill			
	17. Shoes Canvas white			
	18. Shoulder titles metal			
	19. Durries			

## SCHEDULE - III

### Shoulder Markings for various Ranks

1. **Fire Force Commander or Director or Chief Fire Officer** - Large impeller 1 "dia. In a semicircular wreath surmounted by two small impellers each 3/4 " dia. Placed in line with the large impeller made out of white metal worn on both shoulders straps. Woolen Maroon Band on peak cap and Maroon Georgette patches. (Fir Sikh Officers :- Tape maroon round the turban).
2. **Deputy fire Force Commander or / Regional Fire Officer or Deputy Director or Deputy Chief Fire Officer**-Large impeller 1" in dia. In a semi-circular wreath surmounted by one small impeller 3/4" dia. Placed above made of white metal worn on both shoulder straps.
3. **Divisional Officer**- Large impeller 1" in dia. In a semi-circular wreath made out of white metal worn on both shoulder straps.
4. **Assistant Divisional Fire Officer**-Three small impellers 3/4 " in dia made out of white metal placed one above the other worn on both shoulder straps.
5. **Station Officer**-Two small impellers 3/4 " in dia placed one above the other, made out of white metal worn on both shoulder straps.
6. **Sub Officer**-One small impeller 3/4 in dia made out of white metal worn on both shoulder straps.
7. **Leading Fireman**-One bar 1/2" wide and 1 1/2 long with a semi-circular cross-section with flat bottom surface and round surface on the top made out of white metal to be worn 1/2 " from the bottom end of both shoulder straps.
8. **Driver Operator**-2"dia three spoked steering wheel white metal on the right sleeve half way between the shoulder and the elbow.

## SCHEDULE - IV

### Specifications for Officers Uniform Clothings

#### (A) COMMON ITEMS

- (1) **Fire Tunic**
- (2) **Trousers** - Waiste band to be 3" broad with two adjustable straps with buckles in front and 3 loops (one at the rear and one each on either side for passing Belt through). Two side pockets along the outer seam (one on each side). Bottom end to measure 18" to 19" in circumference.
- (3) **Shirts** - To be provided with attached collar (for wearing tie) with 4 buttons along the front pleat. Two breast pockets 6" deep and 5 1/2 " wide with a 1 1/2" box pleat in the centre fastened at the top with a small button to the flap which should be provided with a small button hole. Flap to be 2 1/2 " deep and 5 1/2 " wide. Full length sleeves with single cuff 2 1/2" wide and secured with a button.
- (4) **Tie Maroon** - Total length of tie to be 44', The broclest part of the front end to measure 3 1/2. Woollen lining to be provided inside the tie to its entire width from end to end.
- (5) **Peak Cap**-Total depth 4 1/2 . Diameter across the top to be 10" for a cap of 22" circumference. This diameter to be increased or reduced by 1/8" for every 1/4 " increase or reduction in the circumference of the peak cap; sides to be made in 4 pieces and to be 2 -1/8 between the wealth. Cap other material 1 3/4 " deep and covered by khaki band and round. Chin strap of brown leather 3/8 " wide buttoned on to two Georgettee buttons of the Fire Service pattern placed immediately behind the peak.
- (6) **Socks Woollen**-Of Army type or similar.
- (7) **Jodhpur Boots**-Plain brown polished willow-calf or chrome leather with double uppers and with water-proof thick butt soles and heels leggings rising upto about 3" below the knee-cap having

leather loops for pull.

- (8) **Wellington Knee-boots**-Plain black polished Willow-calf or chrome leather with double uppers and with water-proof thick butt soles and heels with leggings rising upto about 3" below the knee-cap having leather loops for pull.
- (9) **Fire Helmets.**
- (10) **Lanyard**-Maroon. Total length 38" when opened up, of which 20" shall be flat plaited and made upto a loop to go round the shoulder. The remaining 18" to be round plaited with white metal snap hook at the free end to secure the \_\_\_\_\_
- (11) **Web Belt**-Heavy quality web belt 2½" broad and 46" in length adjustable to any size, with white metal fittings and buckles and pouch for holding axe.
- (12) **Axe Fireman**-As per Indian Standards Specification No. BDC 22(221).
- (13) **Buttons**-To be convex die-struck and embossed with 8 pointed star and State emblem with the words of "The Fire Service" in the ring. Buttons large to be one inch in diameter and small buttons to be 11/16" in diameter.
- (14) **Badges of Rank**-Details given in Schedule (VII).
- (15) **Water-proof coat**-Of Army type or similar.
- (16) **Epaulettes**
- (17) **Shoulder titles**- Total length to be 4 centimeters and height 1.3 centimeters with the letter of the Fire Service 1.3 centimeters high and equally spaced with dots in between.
- (18) **Badges for Peak Cap**-Eight pointed star surmounted by laurel wreaths pointed upwards, the top point of the star being supported by the State Emblem the centre circle of the star should bear the initial of the Fire Service. The badge should have a height of 2 ¾" and width 2½ ". It should be embroidered with silver thread on the back ground of Maroon woolen superior cloth :-
  - (i) Cap badge and with wollen maroon band a maroon georgette patches on collars for the Director Fire Service, or Chief Fire Officer and Fire Force Commander.
  - (ii) Same as above, but without woolen maroon band and maroon georgette patches on collars for all officers from Deputy Fire Force Commander.

(B) **SUMMER WEAR**

- (1) **Bush Shirt**-With 4 pockets (similar to open collar tunic) full lengths with single cuff sleeves with buttons stiched to the cuff. Button holes to be provided to secure 4 large Fire Service buttons down the front and 6 small Fire Service buttons-four for the pockets and two for shoulder straps. Cloth belt 2" wide of the same material as the bush shirt with white metal two pronged buckle to be provided.
- (2) **Open Cellar Tunic**-Single breasted, cut as lounge coat to the waist, very loose at the chest and shoulder but close fitting at the waist, military type skirt to bottom edge. Length as in ordinary civilian lounge coat, i.e. covering the seat. Collar to be cut as in an ordinary civilian lounge coat. Two cross-patch breast pockets above, 5½ wide and 6" deep to the top of the flap, with a 1/ ½ box pleat in the centre fastened at the top with a small Fire Service button; flap with button, 8 ½ deep to the top of the pocket, fastened at the top with a small Fire Service button; flap with button hole to cover pockets 3½ deep and 7" wide, the top of the pocket to be tacked down at the corner in such a manner that the pocket shall be expanded at the top also if necessary. Four large size Fire Service buttons down the front. The buttons should be so fixed that the bottom most button covers the naval and top most button is fixed one-third distance between the naval and position of the tie-knot. Pointed cuffs, 5" high at the point and 2½" behind Shoulder strap to be stitched on either side at the outer and end to be provided with button holes on the inner ends for securing to the tunic with a small Fire service button. Cloth belt 2" wide of the same material as the tunic with white metal two metal two pronged buckle to be provided.

(C) **WINTER WEAR**

- (1) Open Collar Tunic -Same specification as item 2 in summer wear.
- (2) Overcoat- Of Army type of similar.
- (3) Gloves- Of Army type of similar.

## **SCHEDULE-V**

### **Specifications for Uniform of other Ranks**

(A) **COMMON ITEMS**

- (1) **Fire Tunic.**
- (2) **Trousers.-** Same specifications as for items 2 under Common item for officers.
- (3) **Beret.-** Two pieces beret, the crown to be 10" in diameter for a beret of 22" circumference. Diameter of the crown to be increased or reduced by 1/8" for an increase or reduction of 1/4" for an increase or reduction of 1/4" in the circumference of the head. The side piece or the level to be 2 1/2" wide in front and the rear and 2" wide at the sides, to be provided with two eye lets at the rear. The base of the level (side piece) to be provided with a head band of good quality brown leather through which should pass the ribbon (Chord used for adjusting the size).
- (4) **Socks, Woollen.-** Of Army type or similar,
- (5) **Boots Ankle Jodhpur Type -** Black chrome leather boots with thick leather soles and uppers high enough to cover the ankles with plain front toe with two pairs of eyelet having rings from underneath.
- (6) **Gum Boots. -** Black canvas rubber with water-proof thick soles and heels with leggings rising upto about 3" below the knee-cap.
- (7) **Fire Helmets.-** Same as for item 9 under Common items for office.
- (8) **Lanyard.-** Same as for officers lanyard-item 11.
- (9) **Web Belt.-** Same as for officers Web Belt-item 11.
- (10) **Axe Fireman.-** As per Indian Standards specification No. BDC 22 (221).
- (11) **Buttons.-** Same as for officers' buttons-items 13.
- (12) **Badges of Rank -** As laid down by standing fire Advisory Committee.
- (13) **Kit Bag or Box.-** No specification considered necessary.
- (14) **Overalls -** A combined trouser and shirt in single piece with adjustable belt at the waist. Open in front upto the groin with buttons 4" apart. Two breast pockets 6" X 5" with flaps, attached collar and full sleeves.
- (15) **Vests -** White 'V' or round neck heavy quality with half sleeves.
- (16) **Shorts -** Khaki Drill-Waist band 3" wide and provided with two adjustable straps with buckle in front, one side pocket on either side 'along the same.
- (17) **Shoes Canvas -** Brown Canvas shoes without heels.
- (18) **Shoulder Titles -** Same as for officer-item 17.
- (19) **Durries -** Dark Blue cotton heavy quality durries 6' -6" long, 3'-3" wide and weighing not less than 3 Lbs each.

(B) **SUMMER WEAR**

- (1) **Shirts, Khaki**-Same specification as for Officer shirt, item No.3, except for the following difference:-

Shoulder straps shall be attached to the shirts with a button hole at the inner end to be secured to the shirt with small Fire Service Button. Holes to be provided along the front pleat for three small Fire Service Buttons and on the breast pockets and flaps for one small Fire Service Button on each side. The top of the flap of the breast pocket to be 1" above the level of the middle button on the front pleat.

(C) **WINTER WEAR**

- (1) **Tunic**.- Same specifications as for tunic open collar for officer-item 1 of Winter clothing.  
(2) **Jerseys**.- Same specifications as furnished in the list of Uniform Clothing's.  
(3) **Gloves Woollen**.- Of Army type or similar.  
(4) **Overcoat Heavy Woollen**.- Of Army type or similar.  
(5) **Blanket**. - Heavy all - wool blanket black or dark grey colour 7' long, 5'-3" wide and weighing not less than 4½ Lbs each.

## **SCHEDULE - VI**

### **I. ORDER OF DRESS FOR SUB OFFICERS & ABOVE**

#### **(A) Ceremonial Dress**

1. Peak Cap with appropriate cap badge (Turban for Sikhs) or Fire Helmets when riding for appliances.
2. Shirts Khaki Full Sleeves.
3. Tie
4. Tunic open collar for summer, or for winter (as the case may be),
5. Trouser Khaki,
6. Socks,
7. Jodhpur Boots Brown,
8. Lanyard and whistle,
9. Badges of rank and shoulder titles, and
10. Decorations (if any).

These shall be worn on all State ceremonies (e.g. public arrivals and departures of the President, Vice President, Prime Minister, or the Governors or presentation of Guards of Honour on such occasions), at ceremonial parades or whenever full dress is ordered.

#### **(B) Operational Dress**

(for turn out and fire drills),

- (1) Fire Helmet.
- (2) Fire Tunic Khaki with epaulettes according to rank.
- (3) Trousers Khaki.
- (4) Pair of black leather knee boots.
- (5) Lanyard and whistle.
- (6) Web Belt Khaki with pouch, pocket line and axe.

#### **(C) Non-operational working Dress**

- (1) Peak Cap (Turban for Sikhs).
- (2) Bush Shirt full sleeves for summer or tunic open collar for winter.
- (3) Trouser Khaki.
- (4) Socks.
- (5) Jodhpur Boots.
- (6) Lanyard and whistle.
- (7) Badges of rank and shoulder title.

These shall be worn, while doing normal station work and other duties of routine nature.

### **II. HEAD DRESS**

As an alternative to the peak cap, as mentioned under Schedule (I), Officers may wear pagri of khaki silk or muslin. Officers of the rank of Director, Chief Fire Officer or Fire Force Commander will wear maroon band around the peak cap and maroon georgette patches on collar with appropriate badges of rank.

## SCHEDULE-VII

### I. ORDER OF DRESS FOR RANKS BELOW SUB OFFICER

#### (A) Ceremonial Dress

1. Beret khaki woollen with badge (Turban for Sikhs) or Fire Helmets while riding fire appliance.
2. Shirt Khaki cellular for summer and tunic khaki woollen closed collar for winter.
3. Trouser, Khaki.
4. Web belt, pouch, pocket line and axe.
5. Socks.
6. Jodhpur Boots Ankle leather black.
7. Lanyard and/whistle (For Leading Firemen only).
8. Badges of rank and shoulder titles.
9. Decorations (if any).

These shall be worn on all State ceremonies (e.g. public arrivals and departures of the President, Vice President or Prime Minister or the Governors or presentation of Guards of Honours on such occasions) at ceremonial parades or whenever full dress is ordered.

#### (B) Operational Dress

(for turn out and fire drill)

1. Fire Helmet.
2. Fire Tunic Khaki.
3. Trouser Khaki.
4. Socks.
5. Gum boots.
6. Web belt, pouch, pocket line and axe.
7. Lanyard and whistle (for leading firemen only).

#### (C) Non-operational working dress

(for Sound Drills & Station Duties)

1. Beret Khaki (Turban for Sikhs).
2. Shirt Khaki cellular for summer and shirt with jersey woollen for winter.
3. Trouser Khaki.
4. Web-belt, pouch, pocket line and axe.
5. Socks.
6. Jodhpur Boots Ankle leather black.
7. Lanyard and whistle (for leading firemen only).
8. Badges of rank and shoulder title.

#### (D) Dress for Physical Training

1. Vests cotton white.
2. Shorts khaki drill.
3. Socks.
4. Canvas shoes brown.

## SCHEDULE-VIII

### Personal Equipment Care

Name of person \_\_\_\_\_  
 Rank \_\_\_\_\_  
 Name of Fire Service \_\_\_\_\_  
 Address \_\_\_\_\_

Sl. No.	Item	Quantity	Date of Issue	Remarks	Ref. of Issue Register	Signature of Issuing Authority
1	2	3	4	5	6	7

1.

2.

3.

4.

5.

6.

7.

### Reverse

Sl. No.	Item	Quantity	Date of Return	Ref. to Cloth Register	Reason for return	Signature of receiving Authority
1	2	3	4	5	6	7

1.

2.

3.

4.

5.

6.

7.

## APPENDIX "14-A"

### STATUTES FOR AWARDS OF FIRE SERVICE MEDALS

To be published in Part I, Section I of the Gazette of India dated Saturday the 31st May, 1975.

#### STATUTES AND RULES RELATING TO THE PRESIDENT'S FIRE SERVICES MEDAL AND THE FIRE SERVICES MEDAL

(See para 4. under 14 AWARDS)

Presidents Secretariat

#### NOTIFICATION

New Delhi, the 19th May, 1975

No. 40-Prs/75 : The President is pleased to institute the following awards to be conferred on the members of Fire Service organized and administered by the Central Ministries or Departments, State Governments, Union Territory Administrations, Municipal and other autonomous bodies and public sector undertakings, in consideration of distinguished or meritorious service or gallantry and outstanding devotion to duty, to be designated "राष्ट्रपति का अग्नि शमन सेवा पदक" President's Fire Services Medal" and "अग्नि शमन सेवा पदक" Fire Services Medal" respectively and to make ordain and establish the following statutes governing them which shall be deemed to have effect from the 19th May, 1975.

#### "राष्ट्रपति का अग्नि शमन सेवा पदक"

##### PRESIDENT'S FIRE SERVICES MEDAL

**Firstly** - The award shall be in the form of a medal styled and designated as "राष्ट्रपति का अग्नि शमन सेवा पदक" PRESIDENT'S FIRE SERVICES MEDAL" (hereinafter referred to as the Medal).

**Secondly**-The medal shall be circular in shape, made of silver with gold gilt, thirty five millimeters in diameter and fitted to a ring and shall have embossed on the obverse the State Emblem with its motto "सत्यमेव जयते" in the centre and words "राष्ट्रपति का अग्नि शमन सेवा पदक" President's Fire Service Medal", on either side along the edge of the medal separated by two five-pointed heraldic President's Fire Service medal. President's Fire Gallantry Medal. For Distinguished Service stars. On the reverse, it shall have embossed the Ashoka Chakra in the centre and the words "वीरता के लिए" For GALLANTRY". or "विशिष्ट सेवा के लिए" For DISTINGUISHED SERVICE" along the lower edge and a wreath joined by a plain class at the top along the upper edge. On the rim the name of the person to whom the medal is awarded, shall be inner bed. A medal of pattern of the medal shall be deposited and kept.

**Thirdly**-The medal shall be worn suspended from the left breast and the riband of thirty two millimeters in width shall, in the case of distinguished service, be half maroon and half golden yellow. In the case of awards for acts of exceptional courage and gallantry, it will be half maroon and half golden yellow, the two colours being separated by a vertical navy blue line 3 mm in width.

**Fourthly**-The medal shall only be awarded to those who have either performed acts of exceptional courage and skill or exhibited conspicuous devotion to duty as members of Fire Services organized

and administered by the Central Ministries or Departments. State Governments, Union Territory Administrations, Municipal or other autonomous bodies and public sector undertakings.

**Fifthly-**The names of those to whom this medal is awarded shall be published in the Gazette of India and a Register of such names shall be kept in the Ministry of Home Affairs by such person as the President may direct.

**Sixthly-**Any act of gallantry which is worthy of Recognition by the award of the "राष्ट्रपति का अग्नि शमन सेवा पदक" PRESIDENTS FIRE SERVICES MEDAL" but is performed by one upon whom the Decoration has already been conferred, may be recorded by a bar attached to the riband by which the medal is suspended. For every such additional act an additional Bar may be added and for each Bar awarded a small silver rose with gold gilt shall be added to the riband when worn alone.

**Seventhly-**It shall be competent for the president to cancel and annual the award of the Decoration and there upon the name of the person concerned shall be creased from the Register. It shall, however be competent for the President to restore any Decoration which may have been so forfeited. Every person to whom the said Decoration is a warded shall, before receiving the same, enter into any agreement to return the medal if his name is erased as aforesaid. Notice of cancellation or restoration in every case shall be published in the Gazette of India.

**Eighthly-**It shall be competent for the President to make rules to carry out eh purposes of these statutes.

### **"अग्नि शमन सेवा पदक"**

#### **FIRE SERVICE MEDAL**

**Firstly-**The award shall be in the form of a medal styled and designated as the "अग्नि शमन सेवा पदक" FIRE SERVICE MEDAL" (hereinafter referred to as the Medal'.

**Secondly-**The medal shall be circular in shape, made of bronze, thirty five millimeters in diameter and fitted to a ring and shall have embossed on the obverse the State Emblem with its motto "सत्यमेव जयते" in the centre and the words "अग्नि शमन सेवा पदक" FIRE SERVICE MEDAL" on either side of the State Emblem along the edge of the medal separated by two five pointed heraldic stars. On the reverse, it shall have embossed the words "सराहनीय सेवा के लिए" FOR MERITORIOUS SERVICE" or "बीरता के लिए" FOR GALLANTRY" exactly at the centre enclosed between parallel straight lines connected at either end to each other by a concave line the whole being encircled by a wreath joined by a plain clasp at the bottom. On the rim the name of the person to whom the medal is awarded shall be inscribed. A scaled pattern of the medal should be deposited and kept.

**Thirdly-**The medal shall be worn suspended from the left breast, and the riband of thirth two millimeters in width shall be of maroon colour with a narrow golden yellow stripe on either side and a navy blue stripe in the centre, and in the case of a wards for acts of gallantry, each of the maroon portions of the riband shall contain a navy blue line down the middle.

**Fourthly-**The medal shall only be awarded to those members of fire services, organized and administered by the Central Ministries or Departments. State Governments, Union Territory Administrations, Municipal and other autonomous bodies, and public sector undertakings, who have performed service or conspicuous merit or an act of gallantry.

**Fifthly-**The names of those to whom this medal is awarded shall be published in the Gazette of India and a Register of such names shall be kept in the Ministry of Home Affairs by such person as the President may direct.

**Sixthly-**Any meritorious conduct or act of gallantry which is worthy of recognition by the award of the "अग्नि शमन सेवा पदक" FIRE SERVICE MEDAL" but is performed by one upon whom the decoration has already been conferred may be recorded by a Bar attached to the riband by which

the medal is suspended. For every such additional act an additional Bar may be added and for each Bar awarded a small silver rose shall be added to the riband when worn alone.

**Seventhly-**It shall be competent for the President to cancel and annul the award of the decoration and thereupon the name of the person concerned shall be erased from the Register. It shall, however, be competent for the President to restore any medal which may have been so forfeited. Every person to whom the said Decoration is awarded shall, before receiving the same, enter into an agreement to return the medal if his name is erased as aforesaid. Notice of cancellation or restoration in every case shall be published in the Gazette of India.

**Eighthly-**It shall be competent for the President to make rules to carry out the purposes of these statutes.

Sd/-

(K. BALACHANDRAN)

Secretary to the President

**To be Published in Part-I, Section-I of the Gazette of India Dated Saturday the 31<sup>st</sup> May, 1975**

President's Secretariat

New Delhi, the 19<sup>th</sup> May, 1975

#### NOTIFICATION

No. 41 Pres/75. In accordance with the Statute 'eighthly' of the Statutes relating to the award of the "राष्ट्रपति का अग्नि शमन सेवा पदक" President's Fire Service Medal". And the "अग्नि शमन सेवा पदक" Fire Service Medal" the following rules governing them are notified: -

#### **"राष्ट्रपति का अग्नि शमन सेवा पदक"**

##### **PRESIDENT'S FIRE SERVICES MEDAL**

- (1) Recommendations for awards for conspicuous gallantry shall be made as soon as possible after the occasion on which the conspicuous gallantry was shown.
- (2) All Recommendations shall state the name and rank of the person recommended, the name of the FIRE SERVICE of which he is or was a member and details of the act of gallantry or service for which the grant of the medal is recommended.
- (3) The medal shall be awarded :-
  - (i) For conspicuous gallantry in saving life and property the risk incurred being estimated with due regard to the obligations and duties of the offer concerned.
  - (ii) For distinguished record of service such as organizing and maintaining fire services under special difficulties and handling various or wide spread outbreaks of fires.
- (4) The number of medals awarded for distinguished service in any one year shall not exceed 25. There will however, be no limit on the number of medals to be awarded for gallantry in any one year.
- (5) When awarded for gallantry the medal shall carry a monetary allowance at the rates and subject to the conditions set forth below. The charges thereof shall be borne by the revenues of the Central Ministries/States/Union Territories concerned in respect of recipients belonging to the Central Ministries/States/Union Territories and by the respective organizations in respect of personnel belonging to their Fire Services.

- (a) All the recipients of this gallantry award shall be entitled to the monetary allowance on a uniform rate irrespective of their ranks. The rates of monetary allowance for the Medal shall be Rupees Sixty per mensem and for the bar to the Medal shall be Rupees thirty per mensem.
  - (b) Where an officer who has already been awarded either the King's Police and Fire Services Medal/President's Police and Fire Service Medal/President's Fire Services Medal, or that Medal and a Bar or Bars thereto for gallantry, is subsequently awarded the president's Fire Service Medal for a Further act of gallantry he shall be paid a monetary allowance attached to the Bar to the latter Medal in addition to the original allowance and not the full allowance attached to the Medal itself. Where an officer who has already been awarded the Indian Police Medal for gallantry he shall be paid the full allowance attached to the latter Medal in addition to the original allowances.
  - (c) The allowance shall be granted from the date of the act for which the award is given and unless it is forfeited for misconduct shall continue until death.
  - (d) Where a recipient is in receipt of the allowance at the time of his death, it shall be continued for life or his re-marriage of his widow (the first married wife having the preference'. In the case of a posthumous award is made to the widow (the first married wife having preference' for her life or till re-marriage.
- (6) The Medal is liable to be forfeited if subsequently the holder is guilty of disloyalty, cowardice in action or such conduct as in the opinion of the president brings the Service into disrepute.
  - (7) Recommendations for the announcement of awards for distinguished service on the 26<sup>th</sup> January (Republic Day' and the 15<sup>th</sup> August (Independence Day' should be forwarded so as to reach the Secretary to the Government of India. Ministry of Home Affairs not later than the 26<sup>th</sup> October and the 15<sup>th</sup> May respectively each year.

### “अग्नि शमन सेवा पदक”

#### FIRE SERVICE MEDAL

- (1) Recommendations for awards for gallantry shall be made as soon as possible after the occasion on which the gallantry shall be made as soon as possible after the occasion on which the gallantry is shown.
- (2) Each recommendation shall state the name and rank of the person recommended, the Fire Service of which he is or was a member and details of the act or service for which grant of the Medal is recommended.
- (3) The Medal shall be awarded :-
  - (i) For gallantry:
  - (ii) For services characterized by resource and devotion to duty including prolonged service of ability and merit.
- (4) The number of Medals awarded for meritorious service in any one year (excluding Bars' shall not exceed 100. There will be no limit on the Medals to be awarded for gallantry in any one year.
- (5) (a) When awarded for gallantry, the Medal shall, subject to the conditions set forth for the President's Fire Services Medal for gallantry, carry a monetary allowance on a uniform rate of Rupees forty per mensem and the Bar Rupees twenty per mensem irrespective of the rank of the recipients. The charge thereof shall be borne by the revenues of the Central Ministries/ States/Union Territories and by the respective organizations in respect of personnel belonging to their Fire Services.
- (b) Where an officer who has already been awarded either the Indian Police Medal/Fire Service Medal or that Medal and a Bar or Bars thereto for gallantry, is subsequently awarded the fire

Services Medal for a further act of gallantry, he shall be paid the monetary allowance attached to the Bar to the latter Medal in addition to the original allowance and not the full allowance attached to the Medal itself. Where an officer who has already been awarded the King's Police and Fire Service/President's Police and Fire Service Medal/President's Fire Service Medal for gallantry, in subsequently awarded the Fire Service Medal for a further act of gallantry, he shall be paid the full allowance attached to the latter Medal in addition to the original allowance.

- (6) The award of the Medal will not be a bar to the subsequent award of the (\*.\*) PRESIDENTS FIRE SERVICES MEDAL".
- (7) The Medal is liable to be forfeited if subsequently the holder is found guilty of disloyalty cowardice in action or such conduct as in the opinion of the President brings the service into disrepute.
- (8) Recommendations for awards for meritorious service on the 26<sup>th</sup> January (Republic Day' and the 15<sup>th</sup> August (Independence Day' Should be forwarded so as to reach the Secretary to the Government of India, Ministry of Home Affairs not later than the 26<sup>th</sup> October and 15<sup>th</sup> May respectively each year.

Sd/-  
(K. BALACHANDRAN)  
Secretary to the President

**To be Published in Part I, Section 1 of the Gazette of India, dated Saturday, the 31st May, 1975**

President's Secretariat  
New Delhi, the 19th May, 1975

### NOTIFICATION

**No. 42-Pres/75-** The President is pleased to direct that the following amendments shall be made in the Preamble and the Statutes governing the award of the president's Police and Fire Services Medal and the Police Medal Published in Part I, Section I of the Gazette of India of the 10th March, 1951, under Notification No. 3-Pres/51. dated the 1st March, 1951 as amended from time to time :-

- (1) The name of the "President's Police and Fire Services Medal wherever occurring the preamble and the Statutes will be read as "President's Police Medals".

#### **President's Police Medal**

- (2) The Words" and organized Fire Service" occurring in the Statute Thirdly be deleted.

#### **Police Medal**

- (3) The Words" or of an orgained fire Service" occurring in the Statute Thirdly be deleted.

Sd/-

(K. BALACHANDRAN)  
Secretary to the President

**To be Published in Part I. Section 1 of the Gazette of India dated Saturday, the 31st May, 1975**

President's Secretariat  
New Delhi, the 19-5-1975

### NOTIFICATION

**No. 43-Pres/75-** The president is pleased to direct that the following amendments shall be made in the rules governing the award of the President's Police and Fire Service Medal and the Police Medal published in part I. Section 1 of the Gazette of India of 10th March 1951 under Notification NO.3-Pres/51. dated the 1st March 1951 as amended from time to time.

- (1) The name of the "President's Police & Fire Services Medal" wherever occurring in the Preamble and the Rules will be read as "President's Police Medal".

#### **President's Police Medal**

- (2) The words" or the Fire Service" occurring in Rule (2) and Rule (4) sub-rule (iii) be deleted.
- (3) In Schedule appended below sub-rule (c) of Rule 5 the words "District Fire Officer" and "Fire Station Officer I. Fire Station Officer II. Head Leading Fireman Leading Fireman, and Selection Grade Fireman and Fireman" be deleted.

#### **Police Medal**

- (4) The words "or the Fire Service" occuring in Rule (2) may be deleted.

Sd/-

(K. BALACHANDRAN)

Secretary to the President

To be Published in Part 1. Section 1 of the Gazette of India, dated Saturday, the 11<sup>th</sup> September, 1976

President's Secretariat

New Delhi, the 31<sup>st</sup> August, 1976

#### NOTIFICATION

**No. 76-Pres/76-** The President is pleased to direct that, with immediate effect, the following amendments shall be made in the rules governing the awards of the President's Fire Service Medal" and the "Fire Service Medal" published in Part-I, Section 1 of the Gazette of India, dated 31st May, 1975 vide Notification No.41-Pres/75, dt. 19th May, 1975 :-

- (1) "राष्ट्रपति का अग्निशमन सेवा पदक" President's Fire Services Medal" - Under Rule (5) add the following as sub-rule (a) :

When the award is made posthumously to a bachelor, the monetary allowance shall be paid from the date of the act for which the award is made to his father or mother and in case the posthumous awardee is a widower, the allowance shall be paid to his son below 18 years or unmarried daughter, as the case may be

- (2) "अग्निशमन सेवा पदक" Fire Services Medal" - Under Rule (5) add the following as sub-rule (c):

When the award is made posthumously to a bachelor, the monetary allowance shall be paid from the date of the act for which the award is made to his father or mother and in case the posthumous awardee is a widower, the allowance shall be paid to his son below 18 years or unmarried daughter, as the case may be.

Sd/-

Deputy Secretary to the President)

(S. NILAKANTAN)

**To be Published in Part 1. Section 1 of the Gazette of India, dated Saturday, the  
13th October, 1984.**

President's Secretariat  
New Delhi, the 26-09-1984

## **NOTIFICATION**

**No. 103-Pres/84** - The President is pleased to direct that the following amendments shall be made in the rules governing the award of the President's Fire Services Medal and the Fire Services Medal published in Part I. Section 1 of the Gazette of India, dated the 31 st May, 1975 under Notification No. 41-Pres/75 dt. the 19-5-75 as amends from time to time :-

### **President's Fire Services Medal for Gallantry**

For the existing sub-rule (a) of Rule (5), substitute the following :-

"All the recipients of this Gallantry Award shall be entitled to the monetary allowance on the uniform rate, irrespective of their rank. The rates of monetary allowance of the Medal shall be Rs.90/- per mensem and for the Bar to the Medal it shall be RS.60/- per mensem".

### **Fire Services Medal for Gallantry**

For the existing sub-rule (5) (a), substitute the following :-

"When awarded for gallantry, the Medal shall subject to the conditions set forth for the President's Fire Services Medal for Gallantry, to carry a monetary allowance on a uniform rate of Rs.60/- per mensem, and the Bar to the Medal Rs.30/- per mensem irrespective of the rank of recipient. The charges thereof shall be borne by the revenues of the Central Ministries/States/Union Territories concerned in respect of recipients belonging to the Central Ministries/States/Union Territories, and by the respective organisations in respect of personnel belonging to their Fire Services."

The revised rates of the monetary allowances will be effective from 26th September, 1982, the date of issue of the President's Secretariat Notification granting the revised rates in respect of the Police Medals.

Sd/-  
Deputy Secretary to the President  
(S. NILAKANTAN)

**To be Published in Part 1. Section 1 of the Gazette of India, dated Saturday, the  
5th March, 1988**

President's Secretariat  
New Delhi, the 22-02-1985

**NOTIFICATION**

**No. 15-Pres/88** - The President is pleased to direct that with immediate effect, the following amendments shall be made in the rules governing the award of the President's Fire Service Medal and the Fire Services Medal published in Part I, Section 1 of the Gazette of India, dated the 31st May, 1975, under Notification No. 41-Pres./75. dt. the 19th May, 1975 and amended from time to time :-

**President's Fire Services Medal for Gallantry**

For the existing sub-rule (a) of Rule (5), substitute the following :-

"All the recipients of this Gallantry Award shall be entitled to the monetary allowance on the uniform rate, irrespective of their rank. The rates of monetary allowance for the Medal as also for the Bar to the Medal shall be Rs.100/- per mensem".

**Fire Services Medal for Gallantry**

For the existing sub-rule (5) (a), substitute the following :-

"When awarded for gallantry, the Medal as also the Bar to the Medal shall, subject to the conditions set forth for the President's Fire Services Medal for gallantry, carry a monetary allowance on a uniform rate of Rs.60 per mensem irrespective of the rank of the recipient. The charges thereof, shall be borne by the revenues of the Central Ministries/States/ Union Territories, and by the respective organisations in respect of personnel belonging to their Fire Services."

Sd/-  
Director  
(S. NILAKANTAN)

## APPENDIX "14-B"

### PROFORMA FOR RECOMMENDING AWARD OF FIRE SERVICE MEDALS

No. VI-11021/Policy/93-DGCD (P&C)  
(See para 4 under Under Awards) GOVERNMENT OF INDIA  
MINISTRY OF HOME AFFAIRS  
DGCD (P&C) UNIT

Dated, New Delhi, the 13th March, 1995

To,

- (i) The Chief Secretary/Home Secretary of all states/UTs as per list.
- (ii) All Ministries/Departments of Govt. of India as per list,

**Sub.:** — Co-ordination - Awards and Medals - Home Guards, Civil Defence & Fire Service Medals - Revision of formats for the recommendation of various types of Medals-Request for forwarding of recommendations in the revised formats.

Sir,

I am directed to invite your attention on the subject noted above and to say that this Ministry co-ordinates the award of various types of Presidential Medals now in vogue in Civil Defence, Home Guards and Fire Service Organisations. The Presidential Medals are broadly classified in two major groups, viz. Gallantry Medals which includes President's Gallantry Medal and Gallantry Medal and Service Medals including President's Distinguished Service Medal and Meritorious Service Medals.

2. Gallantry Medals are awarded to a candidate for an act of valour/gallantry in any particular incident and depending upon the degrees of gallantry involved, President's Gallantry or Ordinary Gallantry Medals are considered. In contrast, Service Medals are considered for award for unblemished long service marked with devotion and dedication which invites special merits or is of distinguished nature. In view of this, the prerequisites of informations for selection of suitable candidates naturally varies for the above broad two types of medals. In view of this, the Ministry recently reviewed the formats for recommendations for the above two types of Medals, which are enclosed herewith as per following details :-

- (i) Appendix A : Revised formats for President's Gallantry/Gallantry Medals.
- (ii) Appendix B : Revised formats for Presidents Distinguished Service/Meritorious Service Medals

Depending upon the broad types/categories of medals, both the "CD" & HG and Fire Service Organisations can use the above two formats while recommending the cases for the award of medals.

- 3. In addition to above, General Informations about the various types of Medals and General Instructions for filling up the forms have also been enclosed in Appendix C, which may please be carefully studied before initiating and forwarding any recommendations to this Ministry for considerations.
- 4. It may be evident from the Information-cum-Instruction Sheet at Appendix C that there is no time limit or fixed date for recommending the cases of Gallantry medals which as per accepted norms must reach this Ministry with the recommendations of the State Govt./ UT Admns. or administrative controlling Deptts./Ministries of Govt. of India within one year of such act of gallantry to avoid technical rejections. But the Service Medals are awarded twice in a year on the occasion of

Republic Day (26th January) and independence Day (15th August) every year. For such Service Group of Medals (Distinguished Service or Meritorious Service), the statute for medals stipulates strict time frame for the receipt of recommendations of medals as 15th May for Independence Day and 26th October for Republic Day every year, to avoid technical rejections.

5. In view of the above, you are requested to kindly initiate immediate necessary action to ensure timely forwarding the recommendations for the Service Medals for the forthcoming Independence Day, 1995 so as to be received latest by 15th May, 1995 in the suggested prescribed proforma, vide Appendix B to avoid technical rejections. In future, you may like to follow the aforesaid time frame at your own level without waiting for the reminder from the Ministry, since the process is of on-going type in nature. As in the past, the recommendations may be addressed to secretary to the Govt. of India, Ministry of Home Affairs, New Delhi, with a cover addressed to Senior Staff Officer (P&C) DGCD Unit, Ministry of Home Affairs, Block- VII, Level- VII, R.K. Puram, New Delhi-11 0011
6. It is requested that the copies of this letter may kindly be circulated to all concerned with the copies of enclosures in the forms of Appendices A, B & C with the advice to keep them as model copy in the guard file for future use.

Yours faithfully,

Sd/-

(Smt. UMA GOEL)

Deputy Secretary to the Government of India

**Encls :-** Appendices A, B & C as in paras  
2 & 3 above

No. VI-11021/Policy/93-DGCD(P&C) dated, New Delhi, the 13th March, 1995

Copy forwarded for information and necessary action to :-

- (i) The Director of Civil Defence, Govt. of .....of All States/UTs as per list.
- (ii) The Commandant General of Home Guards, Govt. of .....of All States/UTs as per list.
- (iii) The Director/Head/Chief of Fire Service, Govt. of .....of All States/UTs as per list.
- (iv) Head/Chief/In-charge of Fire Service. Civil Defence of all Public Sector Vital Plants/Installations as per Standard list.

With the request to kindly follow the instructions contained in Appendix C while forwarding the recommendations of various types of medals and also to strictly adhere to the time frame stipulated for Gallantry & Service Medals.

Action must to initiated for the forwarding of recommendation for Distinguished and Meritorious Service.

Medals for the forthcoming Independence Day (15th August), 1995 immediately in the revised proforma suggested in Appendix B so as to be received by the Ministry strictly within the stipulated time frame, i.e. in or before 15th May, 1995, to avoid technical rejections. In future, they may like to Initiate action in time at their own level without waiting for the reminder of the Ministry, since this is an on-going process.

Sd/-

(Smt. UMA GOEL)

Deputy Secretary to the Government of India

## APPENDIX-A (GALLANTRY)

**Revised Proforma for the Recommendation for the award of President's Gallantry Medal/Gallantry Medal for the Volunteers and Paid Personnels of Home Guards, Civil Defence and Fire Service Organisations**

(Please study the enclosed Instruction Sheet at Appendix-C before filling up the form)

A. DATE OF INCIDENT _____	DATE OF RECEIPT BY MHA : _____ (TO BE FILLED BY M.H.A.)
1. Name of the State/UT/Ministry/Deptt. of Govt. of India recommending the case with full address	
2. Specific name of the medal recommended in the present case clarifying whether it is the recommendation for a particular type of medal or for Bar to the first medal already awarded.	
3. Name and designation of the recommended candidate/ Recommendee	First Name Mid Name Surname
(i) Name and designation in full in English in Capital letters only	
(ii) Name and designation in full in English in standard abbreviated form in Capital letters only.	
(iii) Name and designation in Hindi (for Hindi Notification in case of selection for the award).	
4. Present mailing residential address of the Recommendee/ Next of kin (in case of posthumous award) complete with Pin Code and Name of Telegraph Office (for issue of congratulatory telegrams in case of section). In case of deceased candidate, the name of Next of kin must be mentioned.	_____ _____ _____ PIN CODE _____ Telegraph Office Name : _____

5. Other details of the Recommendee On the data of recommendation      Status in Service in CD/HG/FS/Orgn      Caste (Pl. tick mark) sex

Age (Nearest rounded up years)	Total length of service in CD/HG/Fire Service organisation	Whether Paid Staff or Honorary	SC	ST	OBC	General	Male/ Female

6. Details of receipt of other medals by the Recommendee from the State/Central Govt. (also mention the year and occasion (in case of service medals/other medals) within bracket against : (i) each, (for Gallantry Medal, date of act and date of award may be mentioned within bracket).

Service Medals	Gallantry Medals	Any other type of Medals
1.	1.	1.
2.	2.	2.

7. Details of other Awards/Commendation Certificate/General Service Entry/Honorarium/Cash Award received by the candidates in the past (mention number of times only in the box)

Cash Awards	Honorarium	Commendation Certificates	General Service Entry (GSE)	Awards in any other form other than specified one

Note:- 12 Copies of recommendations for each case must be received by the Ministry with the recommendation of concerned State Govt./UT - Administration or administrative controlling Ministry/Deptt. of Govt. of India within one year of the act of gallantry to avoid technical rejections.

## CITATIONS

Citation should be brief and to the point, preferably within 500-600 words, but not exceeding the box provided for. The citations must highlight the date, time and place of incident, risk involved in the incident and egrees of valour/act of gallantry performed by the recommendee, 12 copies of recommendations in the prescribed proforma including citations must reach this Ministry within one year from the date fo incident to avoid technical rejections. All recommendations must be routed through the administrative controlling departments of State Govt./UT - Administrations/Ministry's of Govt. of India, Hindi recommendations/citations must accompany with an English translation. No extra/additional sheet should be used for writing citations.

- 
- A. Date, Time & Place of the Incident
  - B. Brief Introduction with chronological development of the incident
  - C. Details of risk involved in the incident and its brief analysis
  - D. Details of achievements highlighting the degrees of valour/act of gallantry by the recommendee.
  - E. Whether any honour conferred on the recommendee for the same act of gallantry by UT/ State/Ministry/Deptt. of GOL of affirmative, furnish details.
  - F. Specific Gallantry Medal recommended for (Col. 2 on pre-page)
  - G. Details of enclosures attached as supportive documents:

Dated : \_\_\_\_\_

Place/Full Address :  
with Pin Code

\_\_\_\_\_  
Signature of the Head of the Department  
(Director of Civil Defence, Commandant General  
Home Guards or Director of Fire Service\*)  
Name :  
Designation :  
Office Seal :

---

**Note (\*)** If the recommendation is initiated by any other official other than Head of the Department, the same must be countersigned by HOD under his official seal or by competent authority of the States Govt./UT Admn./Ministry/Deptt. of Govt. of India.

## APPENDIX-B (SERVICE : DISTN/MERIT)

### Revised Proforma for the Recommendation for the award of President's Distinguished Service/Meritorious Service Medal for the Volunteers and Paid Personnels of Home Guards, Civil Defence and Fire Service Organisations

(Please study carefully the Instruction Sheet in Appendix-C before filling up the form)

\*OCCASION : \_\_\_\_\_

(Please Specify Independence Day/Republic Day & Year above)

1. Name of the State/UT/Ministry/Deptt. of Govt. of India recommending the case with full address	
2. Specific name of the service medal recommended in the present case (Please see Instruction Sheet for exact nomenclature)	
3. Name and designation of the recommended candidate/ Recommendee	First Name   Mid Name   Surname
(i) Name and designation in full in English in Capital letters only	
(ii) Name and designation in abbreviated form in English in Capital Letters only (for inscription in medals in case of section	
(iii) Name and designation in Hindi (for Notification in Hindi in case of selection).	
4. Present full residential mailing address of the recommendee / Next of kin (name to be mentioned in address in case of posthumous award) complete with PIN CODE and Name of Telegraph Office (for issue of congratulatory telegrams in case of selection)	<div style="border-bottom: 1px solid black; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 2px;"></div> <div style="margin-top: 10px;">                     Telegraph                      PIN CODE _____                      Office : _____                 </div>

5. Other details of the Recommended candidate/  
recommendee on the date of proposed award

Caste (Pl. tick mark) sex

Age (Nearest rounded up years)	Total length of service in CD/HG/Fire Service organisation	Status in service in CD/HG/FS/Orgn. ie. Paid or Honorary	SC	ST	OBC	General	Male/ Female

6. Details of receipt of other medals by the Recommenddee from the State/Central Govt. (Also mention within bracket against each, the occasion and year of award in case of service medals and date of incident and date of award against gallantry medals)

Service Medals	Gallantry Medals	Any other type of Medals
1.	1.	1.
2.	2.	2.

7. Details or other honours/awards received by the recommendee

Cash Awards	Honorarium	Commendation Certificates	General Service Entry (GSE)	Awards in any other form other than specified one (furnish details)

8. Integrity of The Recommenddee

## CITATIONS

Citations should be brief and to the point, based on the que/guidelines noted in the margin, preferably typed neatly without overwriting in English (Hindi version must accompany English translation) and must be restricted within the space limit of the box provided for No separate sheet should be attached. No additional enclosures in the form of certificate/degrees/diplomas etc. are to be attached. 12 copies of recommendation for each case are to be forwarded through the concerned State Govt./UT Admn./Administrative controlling Departments and Ministries of Govt. of India so as to be received by the Ministry within the statutory stipulated date, i.e. 15th May or Independence Day (15th August) and 26th October for Republic Day (26th January) respectively every year to avoid technical rejections. Attempt should be made to limit citation within 500 words only)

- A. Introduction, General Background and General performance during the entire service period.
- B. Specific instances of meritorious/distinguished performances during the last 8 years which contributes to the goal of the CD/HG or FS Organisation.
- C. Specific Medal recommended (Please See Instruction-Sheet in Appendix - C for exact nomenclature).

Dated: \_\_\_\_\_

\_\_\_\_\_  
Signature of the Head of the Department

Full Address:

(Director of Civil Defence, Commandant General  
Home Guards or Director of Fire Service etc)

with Pin Code

Name :

Designation :

Office Seal :

---

**Note (\*)** If the recommendation is initiated by any other official other than HOD, the same must be countersigned by him or his competent authority of the State Govt./UT Admn./Administrative Controlling Deptt./Ministry fo Govt. of India.

All recommendations are to be routed through the State Govt./UT Admn/Administrative Controlling Deptt./ Ministry of Govt. of India to avoid technical rejections.

## APPENDIX "C"

### Instructions for the Initiating & Recommending Authorities for various types of Civil Defence, Home Guards and Fire Service

#### MEDALS

(Please study carefully the Instructions before attempting any recommendations for Medals)

#### A. GENERAL INFORMATIONS ABOUT MEDALS

1. In Civil Defence, Home Guards and Fire Service, Medals are considered for award to the bonafide members of aforesaid organisations. A part from regular paid staff members, this also including Volunteers of Civil Defence & Home Guards Organisations.
2. There are total 8 types of Medals in vogue in Civil Defence, Home Guards and Fire Service, 4 of which are Service Medals and remaining 4 are for Gallantry. The details of authorised Presidential Medals are furnished below in order of Precedence/Priority :-

Home Guards & Civil Defence	Fire Service
<b>A. GALLANTRY MEDAL</b> (i) President's HC & CD Medal for Gallantry (ii) Home Guards and Civil Defence Medal for Gallantry	<b>A. GALLANTRY MEDAL</b> (i) President's Fire Service Medal for Gallantry (ii) Fire Service Medal for Gallantry
<b>B. SERVICE MEDAL</b> (i) President's HC & CD Medal for Distinguished Service (ii) Home Guards and Civil Defence Medal for Meritorious Service	<b>B. SERVICE MEDAL</b> (i) President's Fire Service Medal for Distinguished Service (ii) Fire Service Medal for Meritorious Service

3. All Gallantry Medals are to be recommended in the prescribed proforma suggested in Appendix-A of this letter for each case, 12 copies are to be forwarded, two of which must be signed by ink and for the remaining 10 numbers, photocopies will suffice.
4. All service medals are to be recommended in the prescribed proforma suggested in Appendix-B of this letter. For each case, 12 copies are to be forwarded, two of which must be signed in ink and for the remaining 10 numbers, photocopies will suffice.
5. Initiating authority for any case may be the Head of Office/Head of the Department. But all recommendations are to be finally recommended by their respective State Governments/ UT-Administrations or Administrative Controlling Central Ministries/Departments of Govt. of India.
6. In case of Fire Service, only such Fire Service Organisations which are administered by State

Governments, UT-Administrations, Municipal Corporation and allied/other autonomous bodies are eligible for consideration for the award of aforesaid medals including Fire Services of Public Sector Undertakings.

## **B. DETAILS ABOUT GALLANTRY MEDALS**

1. Gallantry Medals are considered for award to the eligible members of Home Guards, Civil Defence and Fire Service Organisations for conspicuous act of Gallantry. For highest Order of Valour/Gallantry/Bravery, President's Gallantry Medal may be considered, otherwise HG & CD/FS Medal for Gallantry is generally recommended for ordinary act of gallantry.
2. There is no time schedule for Gallantry Medals. But the recommendations must reach this Ministry with on one year from the date of act of such gallantry to avoid technical rejections.
3. As stated earlier, 12 copies of recommendations (2 ink-signed - 10 photocopies) for each case are to be forwarded to this Ministry in the prescribed proforma suggested in Appendix-A of this letter.
4. For subsequent act of gallantry, Bar to any particular Gallantry Medal is admissible which is required to be specifically highlighted in Column-02 of Appendix-A.
5. For substantiating the act of gallantry, all recommendations are desired to be enclosed with supportive documents like attested copies of FIR/Abstracts of Occurrence Book, attested copies of Medical/Injury Report or Post-Mortem Report for injured/killed person, Photographs of the Incident, if any, News Paper Cuttings, if any or any other supportive documents.

## **C. DETAILS ABOUT SERVICE MEDALS**

1. Service Medals are considered for award to the eligible members of Civil Defence, Home Guards and Fire Service Organisations twice in a year, i.e. on the occasion of Republic Day and Independence Day. The details of authorisation of medals per year, with occasion wise break-ups are as under (cited in order of Precedence) :-

		HG & CD			Fire Service		
Sl. No.	Type of Service Medals	Republic Day (26th Jan)	Independence day (15th Aug)	Total	Republic Day (26th Jan.)	Independence day (15th Aug.)	Total
(i)	President's Distinguished Service Medal	25	25	50	13	12	25
(ii)	Meritorius Service Medals	50	40	100	50	50	100
	Total	75	65	150	63	62	125

2. The recommendations made by State Governments/UT-Administrations for various categories of Service Medals should not be disproportionate to size of the State/UT or Unit.
3. As stated earlier, recommendations for Service Medals are to be forwarded in prescribed proforma suggested in Appendix-B of this letter, 12 copies of recommendations for each case (2 ink-signed + 10 photocopies) are to be forwarded.
4. No copies of Certificate/Degrees/Diplomas are required to be attached with the recommendations. No separate sheets are to be attached.
5. As per provisions of the Statue regulating Medals, all recommendations for Service Medals must reach this Ministry on or before 15th May for Independence Day (15th August) and 26th October for Republic Day (26th January) to avoid technical rejections. So, if delay is anticipated, then the case may be forwarded in the next occasion, since this is a ongoing process. So, timely submission of recommendations for Service Medals is extremely essential.
6. Because of number of limitations and other cosntraints, if some case is not considered for award on some particular occasion, that does not debar his case not to be considered on subsequent occasion, if fresh recommendations are received from the competent authority in this regard. Competent authority is at liberty to recommend a name any time provided he is found fit for the award of medals.
7. Service Medals of any particular type are awarded once in life time and there is no provision for Bar to that particular type of service medal.

#### **C-1 : SPECIFIC DETAILS ABOUT MERITORIOUS SERVICE MEDALS**

8. Meritorious Service Medals are considered for the bonafide members of Home Guards, Civil Defence and Fire Service Organisations for valuable service characterised by devotion to duty, including prolonged unbroken service over 10 to 15 years for regular paid staff members and 8 years for Volunteers of Civil Defence and Home Guards Organisation.

#### **C-2 : SPECIFIC DETAILS ABOUT PRESIDENTS DISTINGUISHED SERVICE MEDALS**

9. President's Distinguished Service Medals are considered for award to the members of Home Guards, Civil Defence and Fire Service Organisations for distinguished record of service marked by exceptional ability and merit and is generally considered after five (5) years of the award/receipt of Meritorious Service Medals. So, all initiating/recommending authorites, before recommending some one's name for President's Distinguished Service Medal, must ensure that he or she must have received Meritorious Service Medal at least 5 years back, to avoid technical rejections.

#### **D: GENERAL INSTRUCTIONS FOR FILLING UP THE FORMS**

1. All columns should be filled up properly with legible hand, preferably by type-writing. In case of multiple choice, the relevant portion should be ticked off and other (non-relevant) should be struck off.
2. All address, whether official or residential, must include, apart from House Name, No, Road, Post Office, Town/Village/District, State etc. the details of Pin Code and also Name of the Telegraph Office for facilitating issue of congratulatory Telegram in case of selection.

3. All initiating/recommending or forwarding authorities before recommending any name must ensure that (i) there is no adverse comments recorded in his Annual Character Report (ACR) or (ii) no vigilance case is pending against him during the proceeding 8 years, nor (iii) any punishment in any form (minor or major) has been given to him during such period. Integrity in any case should be beyond doubt in any case. This is related to the Integrity Certificate required to be furnished in Col. 8 of Appendix-B for Service Medals only (for volunteers, the ACR may be replaced with last 8 years performance reports).

## APPENDIX "15-A"

### QUALIFICATIONS FOR ADMISSION TO DIVISIONAL AND ASSISTANT DIVISIONAL OFFICERS' COURSE

(See Twelfth Meeting para (b) under 15 Training and Education)

Admission to the Divisional & Assistant Divisional Fire Officers' course in the NFCS, Nagpur for those who have passed Station Officers course in the said College.

The Sub-committee's recommendations were considered by the SFAC and the following qualifications were accepted for various courses at the NFSC :-

(a) **Sub Officers Course**

- |      |                            |   |
|------|----------------------------|---|
| (i)  | Direct entrants            |   |
|      | Educational Qualifications | Higher Secondary or equivalent                              |
| (ii) | Departmental Candidates    | Matriculation or equivalent                                 |
|      | Educational Qualifications |   |
|      | Experience                 | Must be a driver of Leading Fireman having 3 years service. |

**Note :** Firemen with higher secondary educational qualifications are to be treated at par with direct entrants for admission to the course.

(b) **Station Officers Course**

- |      |                            |   |
|------|----------------------------|---|
| (i)  | Direct entrants            |   |
|      | Educational Qualifications | Graduate preferably with Science subjects.  |
| (ii) | Departmental Candidates    | Matriculation or equivalent   |
|      | Educational Qualifications |   |
|      | Experience                 | Must have served as a Sub-officer for 3 years and must have passed the Sub-Officers course; or<br>Must have served as Sub-Officer for 5 years if not attended a Sub-officer course. |

(c) **Assistant Divisional/Divisional Officer's Course**

- |     |                            |                         |
|-----|----------------------------|-------------------------|
| (i) | Direct entrants            |                         |
|     | Educational Qualifications | Bachelor of Engineering |

(ii) Departmental Candidates  
Educational Qualification  
Experience

Higher Secondary of equivalent

Must be a Station Officer with 3 years experience as such and must have passed both the Sub-Officer and the Station Officers' course.

or

Must have six years experience as a Station Officer and must have done the Station Officer Course

or

Must have worked as a Station Officer/ Assistant Divisional Officer for 9 years and be a Graduate

or

Be a Graduate, Member of the Institution of Fire Engineers (UK) with 3 years experience as a Station Officer.

## APPENDIX "16-A"

### REQUIREMENTS OF A STANDARD FIRE STATION

(See para 1 under 16 Fire Station)

After discussing the matter the members stated that it would not be possible for any particular plan for a fire station to be standardised since this would depend on the lay-out of the plot in each individual cases.

Members brought out the question of the two types of duty-system that were prevalent in the Fire Station in the country, namely the 24 hours continuous duty system and the shift system. they felt that if a particular plan was finalised for standardization of a Fire Station, it might not work out for the two separate duty system, and also that actual design would vary in each case according to the layout and location of the plot. They, therefore, decided that instead of recommending a specific design for fire stations, it would be advisable to give the general idea of the requirements of a one-pump, two pump, 3 pump, 4 pump and more than four pump fire stations separately for each system.

Following minimum dimensions were recommended for each of the requirements of Fire Stations :-

### REQUIREMENTS OF AN AERODROME FIRE STATION

Sr. No.	Type of Accommodation	One Appliance Station	Two Appliance Station	Three Appliance Station	Four Appliance Station	Five Appliances & Over Station
1	2	3	4	5	6	7
1.	Appliance room with doors according to local requirements, (Height will depend on the type of ladders/overall height of appliance in use but will not be less than 12")	30'10"x14' High	The floor area should be double of the one appliance station	The floor area given under one appliance station should be multiplied by 3.	The floor area given under one appliance should be multiplied by 4.	Multiply the floor area given under appliance multiplied by the number of pumps
2.	Office	120 sq. ft.	120 sq. ft.	180 sq. ft.	180 sq. ft.	240 sq. ft.
3.	Watch room	120 sq. ft.	120 sq. ft.	120 sq. ft.	120 sq. ft.	180 sq. ft.
4.	Store	180 sq. ft.	180 sq. ft.	200 sq. ft.	200 sq. ft.	300 sq. ft.
5.	Work Room (for minor repairs)	150 sq. ft.	200 sq. ft.	200 sq. ft.	250 sq. ft.	300 sq. ft.
6.	Rest Room/ Recreation Room	200 sq. ft.	200 sq. ft.	200 sq. ft.	300 sq. ft.	300 sq. ft.

Appliance means all Fire Service vehicles including ambulances.

7. Drill Tower-cum-Hose Drying Tower	15'x15'x40' High	15'x15'x40' High	15'x15'x40' High	15'x15'x40' High	15'x15'x40' High
8. Petrol Store According to existing petroleum Regulations					
9. Petrol Store					
with Two tanks of exceeding 3"	5000 gallons capacity with parapet wall not exceeding 3' and a depth same capacity not less than 3; with a sump of 2'x2'x2'		10,000 gallons capacity parapet wall not exceeding 3' and a depth not less than 3 as for one pump with a sump of 2'x2'x2' station.		
10. Hose Washing Through	40'x3'x2' deep	40'x3'x2' deep	40'x3'x2' deep	40'x3'x2' deep	40'x3'x2' deep
11. Smoke Chamber	8'x8'x8' high	8'x8'x8' high	8'x8'x8' high	8'x8'x8' high	8'x8'x8' high
12. Hydrants each	One of each type				
13. Record Room	Nil	Nil	150 sq. ft.	150 sq. ft.	180 sq. ft.
14. Class Room	Nil	Nil	225 sq. ft.	225 sq. ft.	300 sq. ft.
15. Drill Ground	200'x50'	200'x50'	200'x50'	200'x50'	200'x50'
16. Dormitories	** An area of 10 ft. x 5 ft. per person for the total number of persons on duty at a time.				
17. Sanitary Facilities	To be provided at a scale of one Lavatory and one bathroom for each 5 persons on duty at any time subject to a minimum of 1 set.				
18. Residential Accommodation	(a) At Training Centre Single accommodation, messing facility and other connected services for 100 persons should be provided as close as possible to the Aerodrome. (b) At all Station Residential Accommodation for all Fire Service Staff should be provided as close to the Aerodrome as possible.				

\* The watch room should be on top of the station.

\*\* In case of upper floors, separate sliding poles should be fitted between each floor.

## APPENDIX "17-A"

### STANDARDISATION OF WORKSHOPS — UNIT REPAIR ORGANISATION, LIGHT DETACHMENT AND CENTRAL WORKSHOP

(See para 1 under Workshop)

#### UNIT REPAIR ORGANISATION—U.R.O. (AT EACH STATION)

No. of Appliances	Establishment Required			Tools required	Works to be executed
	Fitter (Rank of LF)	Electrician (Rank of F.M.)	Total		
1 to 3 appliances (pumps & vehicles)	1	1	2	List attached	First Line Repairs viz :— all running repairs  Second Line Repairs, viz :—

- (a) All repairs of First Line & U.R.O.
- (b) Starting trouble at normal temperature
- (c) Minor repairs of engines.
- (d) All lubrication troubles
- (e) Ignition troubles
- (f) Carburattor faults
- (g) Fuel supply system defects
- (h) Cooling system defects
- (i) Clutch troubles
- (j) Propellar shaft and universal joint troubles
- (k) Wheel hub and bearing troubles
- (l) Rear axle fault
- (m) Steering faults
- (n) Brake extension faults
- (o) Other minor repairs
- (p) Smithing job, welding, moulding and vulcanising
- (q) Dynamo charging and battery
- (r) Electrical minor defects with cut-cut and wirings, to lights, horns, sparking plugs etc.

- Note:** 1. A trade allowance may be attached to each post, according to the local conditions, in addition to the pay and allowances admissible to the rank, to make the posts lucrative and to attract right type of persons.
2. "Fire Engine shall count as one appliance for the power engine unit and a separate appliance for the pump unit, whether composite or otherwise". Thus, a fire pump shall mean two appliances if the pump is mounted on the vehicle.

For Example : (1) Trailer pump = One appliances  
(2) Fire Pump or engine = two appliances

### LIST OF TOOLS AND EQUIPMENT REQUIRED FOR THE UNIT REPAIR ORGANISATION

1.	Working table, Heavy pattern 6'x3'x2'-8" with 1 ½" thick wood top, 32" high with drawer lockers	-	One
2.	Parallel Jaw vices 8" size	-	One
3.	Hand Grinder Emery 5" size	-	One
4.	High Lift Hydraulic Jack 2 to 3 tons	-	One
5.	Screw Jack 5 ton	-	One
6.	Axle stands wooden, heavy adjustable 15" to 24"	-	One
7.	Sheet Metal Trays (No. 10 Guages iron sheet) various sizes :-		
	15"x24"x2" depth	-	Two
	18"x24"x2" depth	-	Two
	24"x36"x3" depth	-	Two
8.	Mobile Trolley Hand Compressor	-	One
9.	High Pressure Grease Gun, Hand	-	One
10.	Two Chains	-	Two
11.	Battery Voltmeter 3-0-3' (Discharge Type)	-	One
12.	Battery Hydrometer	-	One
13.	Soldering Equipment comprising Kerosene bow lamp with soldering iron or electric soldering iron	-	One Set
14.	Mechanics complete tool kit in metal carrying box	-	One
15.	Brast Drill with Sets of Twist Drills 1/32" to 5/10" size	-	One
16.	Blacksmith's Anvil, London pattern 2 Cwt. size	-	One
17.	Insulated Pliers 6"	-	One
18.	Electrician's knife	-	One
19.	Carpenter's Tool set	-	One
20.	Wheel chocks	-	Four
21.	Battery Charger	-	One
22.	Fire Hose Binding Machine	-	One
23.	Fire Hose Vulcanising Machine	-	One

### Light and Detachment - L.A.D. (At Range Headquarters)

No. of Appliances	Turner	Mechanic (Sub/Cia Rank)	Flitter (Rank of FM)	Blacksmith (Rank of FM)	Upholstere (Rank of FM)	Borer (Rank of FM)	Electrician (Rank of FM)	Bench Fitter (Rank of FM)	Painter (Rank of FM)	Carpenter (Rank of FM)	Upper Division Clerk	Officer Orderlies (Rank of FM)	Watchman	Total	Tools required	Works to be executed
2 to 50 Appliances (Pumps of vehicles)	1	1	1	1	1	1	1	1	1	1	1	1	3	15	List Attached	Second Line Repairs

Those repairs which the Unit Repairs Organisation is not in a position to undertake.

Third Line Repairs viz

- (a) Change of Major assemblies
- (b) Complete and partial overhaul of major assemblies such as gear box differential (exe: engine)
- (c) Any other defect which is beyond Second Line Repair.

- Note:**
1. A trade allowance may be attached to each post, according to the local conditions, in addition to the pay and allowances admissible to the rank, to make the posts lucrative and to attract right type of persons.
  2. "Fire engine shall count as one appliance for the power engine unit and a separate appliance for the pump unit, whether composite or otherwise". Thus, a fire pump shall mean two appliances if the pump is mounted on the vehicle.

For Example :-

(1) Trailer Pump	-	One appliance
(2) Fire Pump or Engine	-	Two appliance

## TOOLS AND EQUIPMENTS REQUIRED FOR LIGHT AND DETACHMENT

- |     |       |   |               |
|-----|-------|---|---------------|
| 1.  | (i)   | Air Compressor, electric or petrol Engine driven 5-6 cu. ft. air per minute at 150-175 lbs pressure per sq. in complete | - One         |
|     | (ii)  | Air regulator, moisture separator and control valve with 2 guages for above   | - One         |
|     | (iii) | Steel pipes and fittings  | - One         |
|     | (iv)  | Air Line Cocks  | - One Set     |
|     | (v)   | Fixomatic couplier complete with connector  | - Two         |
|     | (vi)  | High pressure ¼" bore air hose complete with ¼" female coupling B.S. threads at both ends, 50 ft. long                  | - Two lengths |
| 2.  |       | Set of High pressure Guns comprising  |               |
|     | (i)   | Grease Gun  | - One         |
|     | (ii)  | Oil Spray Gun   | - One         |
|     | (iii) | Spray paint gun with 1 point cup  | - One         |
|     | (iv)  | Water spray gun   | - One         |
|     | (v)   | Air Blow gun  | - One         |
| 3.  |       | Spark Plug Cleaner  | - One Set     |
| 4.  |       | D.E. Spanners 3/8" to 7/8"  | - One         |
| 5.  |       | Compression Guage upto 200 lbs.   | - One         |
| 6.  |       | Ignition Timing Light   | - One         |
| 7.  |       | Vaccum Fuel Pump Testner  | - One         |
| 8.  |       | Electric hand drill 230 Volts A.C. ½" size  | - One         |
| 9.  |       | Decarbonising Brush Set   | - One         |
| 10. |       | Battery charger as per requirements   | - One         |
| 11. |       | Service ramp and washing platform   | - One         |
| 12. |       | Hydraulic Fire Extinguishers Pressure Testing Machine   | - One         |
| 13. |       | Fire Hose Binding Machine (Big Size)  | - One         |
| 14. |       | Fire Hose Vulcanising Machine (Big Size)  | - One         |
| 15. |       | Lathe Machine (Medium Size)   | - One         |

## CENTRAL WORKSHOP (AT STATE HEADQUARTERS)

No. of appliances	Chief Mechanic (Rank of ADFO)	Mechanic (Rank of Sub/O)	Asst. Chief Mechanic (Station Officer)	Filters (Rank of LF)	Leading Electrician (Rank of L.F)	Electrician (Rank of FM)	Carpenter (Rank of FM)	Blacksmith (Rank of FM)	Upholsterers (Rank of FM)	Tin Smiths (Rank of FM)	Turners (Rank of FM)	Painters (Rank of FM)	Vulcanisers (Rank of FM)	Welders	Storemen (Rank of FM)	Upper Division Clerk	Lower Division Clerks	Office Orderlies (Rank of FM)	Watchmen	Cleaners	Total	tools required	work to be executed
51-100 appliances (Pumps & Vehicles)	1	1	1	9	1	5	2	2	2	2	2	2	2	2	2	1	2	2	4	2	47	List attached	***

\*\*\* Third Line Repairs :-

Only those repairs with the L.A.D. is not in a position to undertake

Fourth Line Repairs, viz :-

- (a) Complete stripping of vehicles and re-assembling after repairs, major overhauls of complete vehicle including engine.
- (b) Body Building, Painting, Upholstery, Carpentry etc.

- Note:**
1. A trade allowance may be attached to each post. according to the local conditions, in addition to the pay and allowances admissible to the rank to make the posts lucrative and to attract right type of persons.
  2. "Fire engine shall count as one appliance for the power engine unit and a separate appliance for the pump unit, whether composite or otherwise". Thus, a fire pump shall mean two appliances if the pump is mounted on the vehicle.

For Examples :-	(1)	Trailer Pump	-	One appliance
	(2)	Fire Pump or Engine	-	Two appliance

## LIST OF TOOLS AND EQUIPMENT REQUIRED FOR CENTRAL WORKSHOP

### 1. Engine Section

1.	Engine Analyser	-	One
2.	Portable Crank Pin Grinder complete, with attachment and driving motor 230 volts	-	One
3.	Parallel Jaw Bench vice 8" jaws	-	Three
4.	Swivel type bench vice 8" jaws	-	Two
5.	Exhaust Gas Analyser	-	One
6.	Technometer 0-1000 rpm, 0-3000 rpm face 8" dia Electricity type	-	Two
7.	Contact Dwell Indicator	-	Two
8.	Electric Motor 5 H.P. to run shaft for tools	-	One
9.	Timing Light	-	Two
10.	10 Ton bench drill press with hydraulic attachment and screw operated about 10" to 12" screw Dravel	-	One
11.	Hydraulic High Lift Jacks, trolley type:		
	(a) 3 ton capacity	-	Three
	(b) 6 ton capacity	-	Two
12.	Axle Stands adjustable 9" to 18" height	-	Six
13.	Connecting Rod and Piston aligning jig	-	Two
14.	Piston Pull Scale	-	Three
15.	Piston Groove cleaner	-	Three
16.	Piston Ring Clamp	-	Three
17.	Piston Ring Filling guage	-	Three
18.	Worm gear pulley blocks complete with monkey carriage 14 tons capacity underside of girder to inside of cross bar, 4 inches	-	One

### II. Machine Section :

1.	(a) Centre Lathe, sliding surfacing screw cutting, Lathe 8'-9" bed, with standard auxiliaries, fittings, and electric motor	-	One
	(b) Dog chuck independent 12" dia	-	One
	(c) Self centering chuck 6" dia	-	One
2.	Sensitive Drilling machine pillar type 1 % capacity, with electric motor, complete	-	One
3.	Electric Grinder 6" motorised with wheel at either end	-	One
4.	Heavy duty Hack-saw power driven with motor	-	One
5.	Portable Floor Crane, Cantilever type with pulley and chain 1½ ton capacity	-	One

6.	"In the Block" Portable electric Crank shaft Grinder complete with rear wheel driving attachment and motor	-	One
7.	Flexible shaft with attachment and motor 3/4 HP and having 3 speeds - 1100, 3800, 6000 rpm	-	One
	1/2" Heavy duty shaft for above complete with conplings	-	One
	"H" type Hand Piece	-	One
	Spindle M-24	-	One
	Adaptor H-213 for taking, Grinding Wheels	-	One
	Right angle Drive & Sender	-	One
	Felt Backing Pad	-	One
	Lambswool Bonnet	-	One
	Spading Discs 9" dia. Flat type 24 and 40 Grit	-	One
	Chuk type Hand piece for drilling, 0 to 5/10"	-	One
	Valve seat grinding attachment	-	One
	Valve seat grinding kit complete with starting	-	One
	Switch cangle carbon, brushes etc.	-	One
	Griding wheel 4" x 1" x 1/2'	-	One
8.	Boring Bar complete switch motor, attachments, gauges	-	One
9.	Portable crank pin grinder, motor voltage 220/230	-	One
10.	Hand operated connecting rod bearing inserting machine for all cars and trucks complete with necessary parts and attachments.	-	One
11.	Valve spring tester table type with large dial, for valve springs and clutch springs.	-	One
12.	(a) Air Compressor, electrically driven with starter, automatic start stop, gauges etc. complete for free air displacement of 25 of Lper minute, upto 185 lbs. per sq. inch pressure and air receiver of about 100 Gallons	-	One
	(b) Condensation trap for above	-	One
	(c) Flex-tip blow guns with 18" at One end and fixomatic connection at the other Air hose, extra strong quality 1/2" bore	-	100
	Couplex units with coupler and air chunk	-	3 MIns
13.	Hydraulic Press hand-operated 40 ton capacity complete	-	One
14.	Electric Valve refractor with A.C. motor 230 volts single ph. -	-	One
15.	Electric Arc Welding Machine Operating on A.C. 3 Phase 400 volts, output upto 150 Amps. complete with welding torch Head, assorted sires clump earthing cable shield	-	One
16.	Line boring Machine for all cars and trucks	-	One
17.	"Electric Hand drills 230 Volts Uni. Capacity 1/4"	-	3 Nos
18.	Travelling chains hoist 1 1/2 ton capacity complete with chain and hook and money carriage	-	One
19.	Bench Drill press with 8" screw travel 2 ton capacity	-	Two
20.	Universal type tool post grinder precision type Grinding wheels guards, spindle, extension and electrical cord.	-	One

### III. Smithy and welding Sections:

1.	Anvils	-	Four
2.	Swage Clock	-	One
3.	Heavy Duty Staple Leg vice 4"	-	One
4.	Bench vice parallel Jaw 5" size	-	One
5.	Bench vice swivel type 4" size	-	Two
6.	Pipe vice 4" size	-	Two
7.	Blower Electric H. P. 230 volts	-	Two
8.	Blower Hand 14" Size	-	One
9.	Acetylene Gas Generator, Medium size, Oxygen cylinders	-	One
10.	Gas welding equipment and tools complete set including nozzles, holders, goggles, hand gloves, shield, sprout	-	One
11.	Sledge Hammer 8 Lbs.	-	One

### IV. Carpentry Section

1.	Hand saw to cut planks upto 6" thick complete with motor	-	One
2.	Circular saw bench with 12" blade and motor	-	One
3.	Planner jointer medium size motor driven	-	One
4.	Electric sander with 12" to 15" wheel motor driven	-	One
5.	Electric drills ½ Size	-	Two
	¼ Size	-	Two

**Note :** Electric supply in all cases. AC 3 Phase, 50 cps. 400 volts, and A.C. single phase 220/230 volts, 50 c.p.s

### V. Testing and Inspection :

1.	Micrometer outside 0"	-	6 Nos.
2.	Micrometer Inside 0"	-	2 Nos.
3.	Cylinder Dial guage, size upto 4½"	-	2 Nos
4.	Indicator Dial guage	-	2Nos.
5.	Stroboscopic Revolution meter	-	1 No.
6.	Feeler Guages	-	5 Nos.
7.	Spark plugging guage	-	3 Nos.
8.	Mechanics tool kit complete in box	-	3 Nos.
9.	Compression guage upto 180/200 lbs. complete with attachments	-	2 Nos.
10.	Vacuum guage and fuel pump tester	-	2 Nos.
11.	Oil Pump Tester	-	2 Nos.
12.	Hydraulic Pressure Testing Machine for fire extinguishers	-	1 No.
13.	0 to 300 lbs. Pressure Gauge	-	1 No.
14.	Fire Hose Binding Machine (big size)	-	1 No.
15.	Fire Hose Vulcanising machine (big size)	-	1 No.

16. Battery Charger 1 to 12 batteries at a time - 1 No.

**VI. Recovery Section :**

- (i) **Personnel:** They may vary from 4 to 6. This figure may be finally arrived at after determining the question relating to their trade, grade etc.
- (ii) **Break-down van** - A jeep wrecker - 4 WD capable of more than one kind of towing as a wrecker for a garage and Service Station, by fitting up additional equipment such as winches, mobile pumps, hydraulic lifts, terracing blades, off-set angle dozer, it may be useful for removing the debris or heavy equipment in the rescue work in the fire operations.
- (iii) **List of equipment** - As per list attached.

**Note:** 1. The workshop is not to be treated as a Commercial workshop. As such, it is not possible to run it at No Loss basis.  
2. Additional staff as required, may be appointed depending upon the quantum of work to be undertaken in a particular workshop.

## LIST OF RECOVERY EQUIPMENT

1.	Set Spanner Set	-	One
2.	Box Spanner Set	-	One
3.	Screw Driver 12"	-	One
4.	Screw Driver 16"	-	One
5.	Screw Spanner 16"	-	One
6.	Hammer 2½ lbs.	-	One
7.	Cutting Plain	-	One
8.	Jack		
9.	Grease Gun		
10.	Oil Can		
11.	Pump		
12.	Pipe Wrench		
13.	Grounder anchor with pin		
14.	Tarvalla winch		
15.	Snatch block steel wire rope		
16.	Snatch block hemp rope		
17.	"D" big		
18.	"D" small		
19.	Half Chain		
20.	Tow Chain		
21.	Towing Pole		
22.	Towing Frame		
23.	Towing Ambulance		
24.	Steel Wire rope bundle		
25.	Hem Rope bundle		
26.	Hammers large 10 lbs.		
27.	Dak Chain		
28.	Shovels		
29.	Pick axes		
30.	Axes		
31.	Ground Roller (Wooden)		
32.	Planch moving gun		
33.	Grips wire bull dog type		
34.	Rope Grip		
35.	Sheer longs		

One vehicle fitted with crane preferably a jeep

**PERSONNEL (Recovery Section)**

- Crew -       (1)     Incharge  
              (2)     2nd-in-command  
              (3)     Two or four firemen on the machine including driver

## APPENDIX "18-A"

### REPORT OF THE SUB-COMMITTEE ON ORGANISATION OF FIRE SERVICE COMMUNICATIONS

(See para 3 under 18 Communication and Alarm)

#### Report of

#### Communication Sub-Committee of SFAC

(Constituted at its XVIII Meeting)

#### Terms of Reference:-

1. The 18th Meeting of SFAC constituted the Communication Sub-committee to assess the communication requirement of Fire Services in India and recommend ways and means of modernizing them in the following aspects:
  - (a) Requirements and scales of communication facilities for various levels of fire stations including Brigade Headquarters Fire Station.
  - (b) Manpower requirements and financial implications of additional allowances, if any, for dual trade personnel.
  - (c) Communication training required for various categories of personnel who are required to use, operate and maintain communication systems.

#### II The Sub-Committee consists of :

- |  |   |          |
|--|---|----------|
| (1) Lt. Col. R.M. Rajan ADG (Comns) MIIA                 | - | Convenor |
| (2) Shri R.S. Sundaram Chief Fire Officer, Delhi         | - | Member   |
| (3) Shri P.C. Gupta, ADG (PHB) DG, P&T                   | - | Member   |
| (4) Shri S.S. Jena, Representative, Government of Orissa | - | Member   |

### PART I

#### III Requirement of Communication Facilities

The following types of communication facilities are required by every Fire Service:-

- (a) Reliable and easily available facility in the form of telephones for the public to convey the information of incidence of fire to the Fire Station.
- (b) Reliable Line and radio communication between the Hqrs. Fire Station and all the Fire Stations in the city/town.
- (c) Radio communication between the Fire Stations and its appliances deployed on operational duties.
- (d) Radio communication between the appliances and the crew.
- (e) A well established control room at the Brigade Hqr. Fire Station and Watch Rooms at Fire Stations

at all levels.

- (f) Control Van with full communication facilities capable of controlling large as a forward control.

#### **IV. Communication between the public and the Control Room for obtaining information regarding incidence of fire**

The following measures intended to strengthen the communication facilities available between the general public and the control room for the purpose of passing information regarding fire incidence:

- (a) All Control Rooms at the HQ Fire Stations should be equipped with dialing facility form public telephone system- dial No.1 01. Where such facility does not exist at the moment, effort must be made to provide it at an early date. The number of 101 connections at the Control Room should depend upon normal statistics of simultaneous fire alarm calls received by the Control center. As a rough guide for the first 5 lakhs population one connection, and thereafter for every additional 5 lakhs one additional connection of 101. This should be provided on PBX numbering system so that in case one telephone is engaged automatically the other telephone is put through (hunting facility).
- (b) Fire Alarm System - Certain of the metropolitan cities have old fire alarm system installed but at present lying in various stages of disuse. Local Fire Service should assess their utility and recommend renovation or otherwise to the P& T for necessary action.
- (c) Putting through 101 calls over PCO connections should be made possible by P&T in all towns. P& T should also make it a condition to permit 101 calls from PCOs.
- (d) Telephones available with the public and government telephones should be mobilized and made available for putting through fire alarm calls.
- (e) It should be made mandatory at advice of Chief Fire Officer to provide non-exchange lines between the Fire Control Centre and the Control Rooms of large industries, establishments and so on at their cost so that direct communication is possible in calling for help.

#### **V. Reliable line communication between Hqrs. Fire Service Control Centre and all Fire Stations under its control.**

The following facilities should be provided between the Hqrs. Fire Station Control Room and all the Fire Stations:-

- (a) Control Room of Hqrs. Fire Station should have direct line communication to all its Fire Stations. In case the Fire Stations are grouped on divisional basis in large cities with setting-up of Divisional Control Rooms. Line communication should be provided between the main Control Station and the Divisional Control Station and also from the Divisional Control Station to the Fire Station in its jurisdiction.
- (b) At the IIQs and Divisional ends there should be an exchange of capacity 5 plus 20, and in case of Fire Stations, telephone should be provided.

#### **VI Radio communication between Hqrs. Fire Control and all Divisional and other Fire Station.**

There should be a radio net with control at the Hqrs. Fire Station Control Room working to out-stations in all the Fire Stations of the City/Town. The Control Station should be of the capacity of 50 watts VHF and the out-stations 15 W VHF. 1/6<sup>th</sup> of the total number of sets authorized will be provided as reserves with a minimum one of each type.

Two VHF frequencies one as operational and another is stand-by should be allotted for this net.

#### **VII. Communication between the Hqrs. Control & the Appliance**

Every appliance whether water tender, towing vehicles and rescue vehicles or any other special appliances all will be provided with the following radio equipment :-

- (i) A 15 W set with accessories capable of working to the Hqr. Fire Control.
- (ii) A 15 W set to function as a Control Station to work forward to the firm crew working on the fire ground.
- (iii) Two 3 W VHF sets men-pack to be carried in the appliance to be used by the crew when they are deployed on the fire ground.
- (iv) A total of 8 frequencies will be allotted for the appliances net. These are required to be used at the discretion keeping in view usual interference and deployment. The sets provided should be capable of functioning on 6 to 8 channels.
- (v) All vehicles of CFO, DCFO, DFO, AFOs will be provided with a 15 watts VHF set.

### **VIII Control Room Layout**

- (a) Lay Out of control room for the Brigade Hqrs. is given in the attached annexure.
- (b) The following facilities should be available in any Hqrs. Control Room:-
  - (i) The Control Room should consist of 3 compartments the dimensions of which will depend upon accommodation available at the level of the Control Room. One compartment is intended for the Control Room Incharge, the second Main Watch Room for the Brigade and the third for the radio facility. Additional accommodation in the form of store, generating room, rest room may be provided,
  - (ii) The Main Watch Room should contain the console having the termination of following communication facilities:-
  - (iii) One telephone with two extensions from P & T Exchange - These will be provided for the Mobilisation Officer and with one extension working for the Control Room and another in his residence.
  - (iv) On operational PBX with multiple boards at the scale of one per position on the console. this PBX will have the terminations of non-exchange lines to all the fire Stations, Lines to the Control Room of Police. Civil Defence, water Works, Electricity Board and other essential services as required.
  - (v) Termination of public address system to all the barracks, residential area, crew rooms appliances room and other essential areas.
  - (vi) Central Control of warning lights associated with PA system.
  - (vii) Remote operation of radio control.
  - (viii) Tape-recording facilities of all in-coming and out-going calls and mobilization orders.
  - (ix) Controlling of traffic lights in close proximity to the exit of the appliances.
- (c) Watch-rooms of Fire Stations - The following facilities will be available in the watch rooms of dependent fire stations:-
  - (i) Telephones on the non-exchange lines working to the Control room.
  - (ii) One telephone connection with extension from the Post & Telegraphs Exchange.
  - (iii) One telephone at the resident of officer I/C fire station.
  - (iv) Radio-terminal working to the control at Brigade headquarters Control Room.
  - (v) P.A. system with outlets to crew room, appliance room, residential areas and other important areas.
  - (vi) Control of traffic lights at the exits of the fire station.

## IX. Mobile Van

In case of large fires, where control has to be exercised by a senior officer of the Fire Service on the fire ground itself, there will be a requirement of an mobile van to establish the forward control of the operation. This Mobile Van should have the following facilities:-

- (i) Two radio terminals one working to the Control Room in the Headquarters fire- stations and the another working forward to the appliances in the fire ground. the set working back to the control would be of the capacity of 50 - W VHF, and the one working to the appliances will be of 15 - W VHF. The layout is given in the attached diagram. It will have facility for staff compartment in which conference could be held and plans formulated to control the operations. It will have facility of telephone connection from the P& T Exchange - pent houses on the side of the mobile vans to facilitate accommodation in case of prolonged operations.

## PART II

### Man-power Requirements

All members of the Fire Service should be capable of talking over telephone and radio. Training in radio telephonic procedure should be imparted to all the members.

The radio sets that are located in the appliances will be in charge of the leading fireman or the sub-officer depending upon the appliances involved.

### Control Room Staff at Brigade headquarters Fire Stations

(1)	Control Room Incharge	(Mobilisation Officer of the rank not less than Station Officer) .....	1
(2)	Watch Room Operator for 101- Connection at the scale of on per position	He will be responsible to operate the position on the console .....	2
(3)	Occurrence Book I/C (Fireman)	.....	1
(4)	Mobilisation Map I/C (Fireman)	.....	1
(5)	Radio Communication I/C (Leading Fireman or equivalent)	.....	1
(6)	One operator per Static Radio Terminal	.....	1
(7)	One Messenger (Fireman) per shift	.....	1

**Fire Station Watch Room Staff**

- |     |   |         |
|-----|---|---------|
| (1) | Incharge (not less than a leading fireman or equivalent). | ..... 1 |
| (2) | Telephone-cum Radio Operator or equivalent                | ..... 1 |
| (3) | Messenger   | ..... 1 |

**Maintenance of Radio Equipment**

1. One Radio Technician per five pieces of radio equipment.
2. One leading Fireman to equivalent Radio Mechanic for 25 pieces of equipment.
3. One Foreman (equivalent to Class II Gazetted Officer) for 100 pieces of equipment. His additional responsibility will be plan, establish and maintain system and be incharge of all communication facilities of the fire stations.

**PART-III****Training**

For efficient functioning of the communication system it should be ensured that all personnel involved in communication duties are adequately trained. For this purpose, the following recommendations are given:-

(a) **Fire Service Communication Officer Course :-**

**Object :-** To plan, establish, supervise communication layout in Fire Brigade.

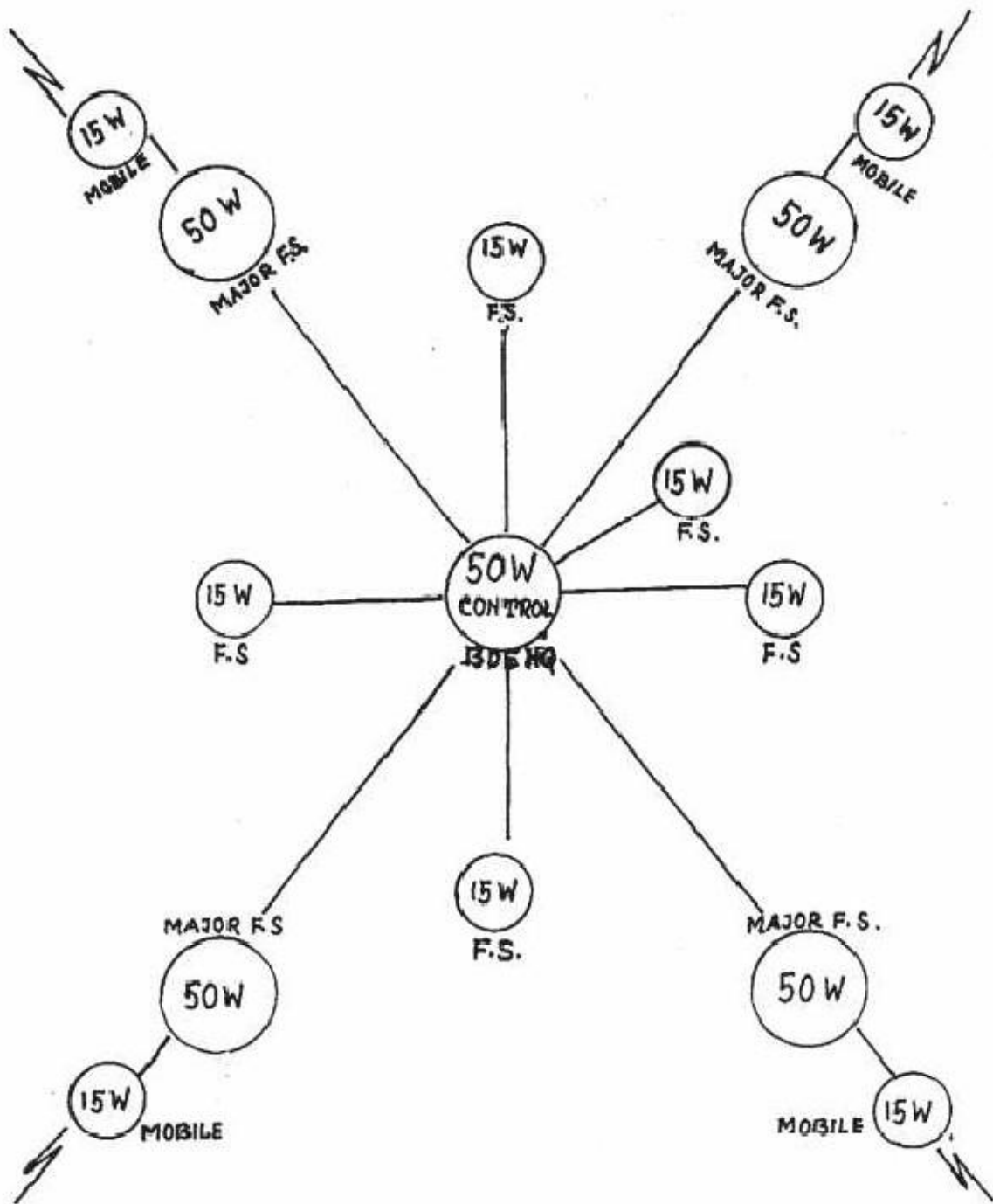
**Level :-** Station Officer.

(b) **Communications Instructor Course: -**

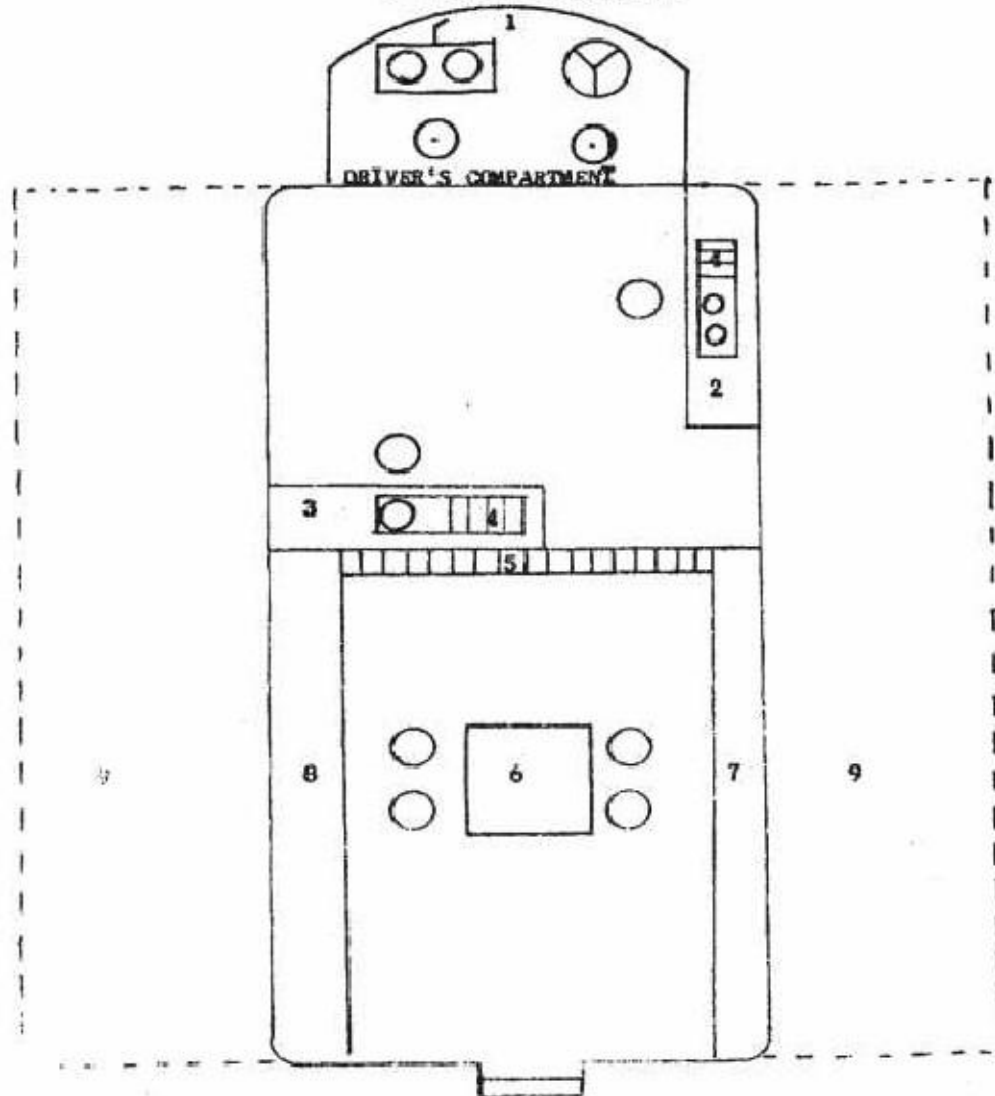
**Object:-** To train Fire Service Instructor to organize training in their own Brigade of all FS Personnel in the use of Radio Telephony.

**Level :-** Sub-Officer.

## SIMPLEX RADIO GRID



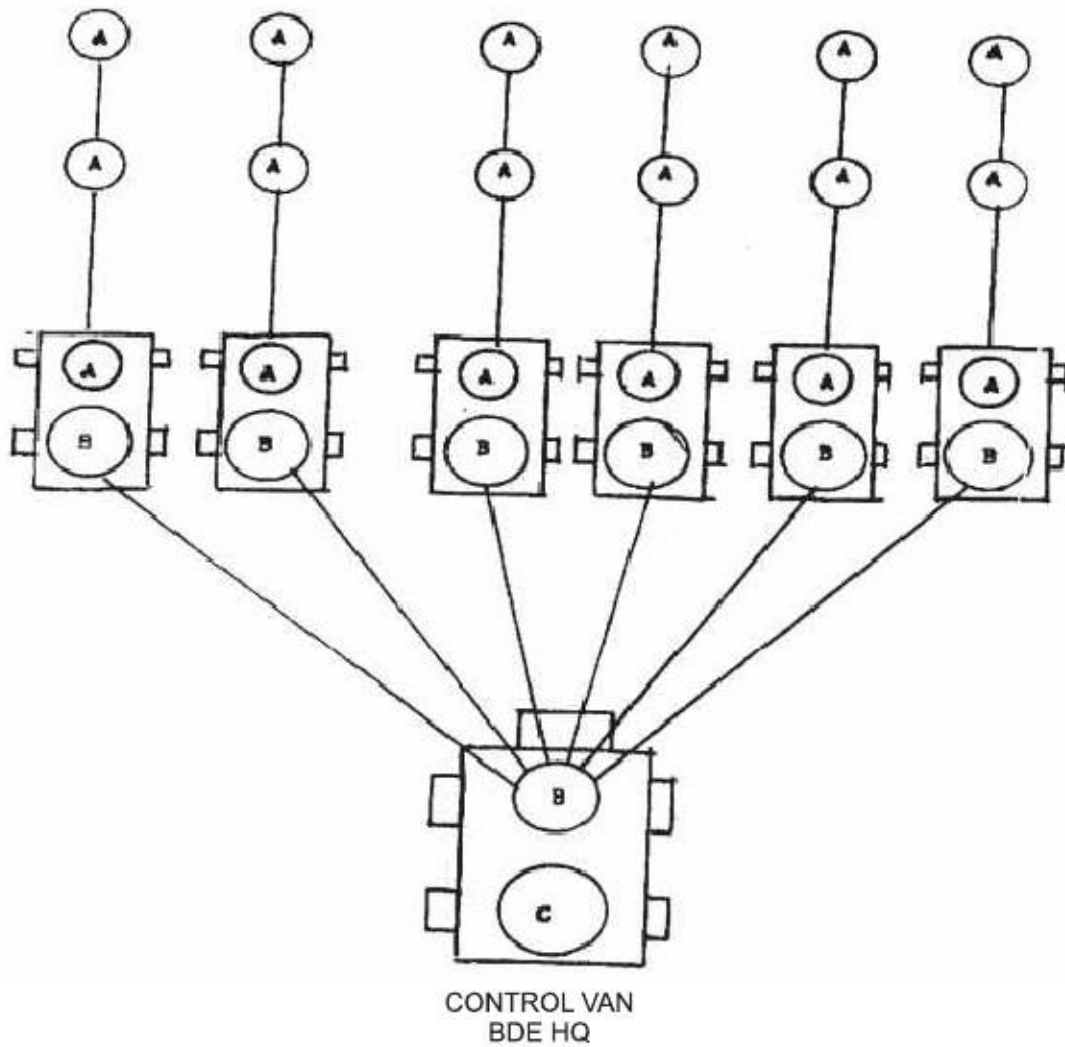
# **CONTROL VAN 3 TON VEHICLE**





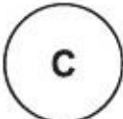
## **LEGEND**

- |         |   |   |   |   |
|---------|---|---|---|---|
| 1.      | : | : | : | Remote control Radios                   |
| 2.      | : | : | : | 15 Watt VHF Set                         |
| 3.      | : | : | : | 50 Watt VHF Set                         |
| 4.      | : | : | : | Map                                     |
| 5.      | : | : | : | Half Glass Partition                    |
| 6.      | : | : | : | Conference Table                        |
| 7. & 8. | : | : | : | Side Boards                             |
| 9.      | : | : | : | Pent House for additional accommodation |

## FIRE GROUND RADIO COMMUNICATION



### LEGEND

-   0.75 Watt  
Walkie Talkie
-   15 Watt VHF
-   50 Watt VHF

**RECOMMENDATION OF THE FIRE PROTECTION SEMINAR HELD BY M.H.A. ON 19th -  
20th NOVEMBER, 1974**

**RECOMMENDATIONS**

(See para 13 under 19 Water Supply)

**SESSION 1**

**FIRE SAFETY IN HIGH RISE BUILDINGS**

**1. Fire Safety Requirements for Buildings**

- (a) For the time being, all buildings with a height of over 15m should be termed high rise buildings. The height of high rise buildings may be reviewed after building bye laws have been revised and fire services have been properly equipped.
- (b) Local Authorities should immediately take up revision of their building bye-laws, to cover fire safety requirements of all buildings in their respective jurisdiction particularly the buildings which are more than 15 m high. The revision should take into account the National Building Code of India and local conditions and should include the following compulsory provisions.
  - (i) Consultations with the local Fire Chief at the Planning stages of the building;
  - (ii) Approval of the local Fire Chief before grant of occupancy certificate;
  - (iii) Annual inspection by local Fire Chief or his representative and withdrawal of licence for occupation of building in case of any alterations seriously affecting fire safety;
  - (iv) Prohibition in the use of high rise buildings for hazardous occupancies, unless such buildings are located away from populated areas and extra fire safety measures are taken;
  - (v) Provision of safe refuge areas and egress routes in all buildings which are over 24m high;
  - (vi) Provision of automatic fire detection system, with facility for simultaneous alerting of fire services;
  - (vii) Provision of emergency communication facilities for contacting occupants of all floors;
  - (viii) Provision of sprinklers in the entire building (height to be determined according to occupancy). except in places where water should not be used. In such places, other automatic fixed fire extinguishing installations should be provided;
  - (ix) Provision of adequate stored water supply for fire service use and installation of wet risers, internal, hydrants, fire hoses and hose reels at every landing;
  - (x) Provision of first aid fire fighting appliances in the form of fire extinguishers;
  - (xi) Provision of automatic escapes and rope ladders in all buildings upto 24 m high;
  - (xii) Provision for using the roof of all building over 30m in height for carrying out rescue by helicopters;
  - (xiii) Provision of adequate number of lifts for fire service use;
  - (xiv) Alternative source of power, which should take over automatically in case of failure of normal power supply in all buildings exceeding 24 m in height. consideration should be given for this provision to be made common for groups of buildings in the interest of economy.
- (c) All existing high rise buildings (over 15m high) should be surveyed and the owners should be