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# **CHAPTER-I**

## **1. Introduction**

The St. John Ambulance Brigade (SJAB), Delhi is a Non-Government Organization (NGO) affiliated to the Red Cross Society of India. Director (Health Services), Govt. of NCT of Delhi is the ex-officio Commissioner of this Organization. The main activities of the organization are to provide first aid services to sick and injured, imparting training to manpower in first aid, basics of hygiene, health care etc. Besides these, the organization takes part in Pulse Polio Immunization Programmes, Blood Donation Camps etc.

Presently, the organization is providing services on regular basis through its 6 fixed First Aid Posts at ISBT – Kashmere Gate, ISBT – Sarai Kale Khan, ISBT – Anand Vihar, Paschim Vihar, Nand Nagari (Sundar Nagri) and Bijwason Rly. Station. It also runs temporary first aid posts during national functions (such as Republic Day, Independence Day Celebrations), Religious Functions/Camps etc. where a large number of public gathering takes place.

The SJAB is also running a Health Post at village Burari for implementing Family Welfare Programme and providing first aid care in this village and its adjoining areas.

## **2. Objective of the Study**

The study has been undertaken at the instance of Pr. Secretary (Planning) with the following objectives:

- (i) To assess the utility of the fixed First Aid Posts being run by the SJAB for which grant-in-aid is being provided by the Govt.
- (ii) Suggestion, if any, for improvement of the scheme.

### **3. Procedure of the Study**

In order to understand the functioning of the scheme, the requisite information has been collected from the SJAB. Further, the officers/staff of the Evaluation Unit of the Planning Department visited the 06 fixed First Aid Posts being run by the SJAB and interacted with the volunteers doing duty at these Posts and also interviewed the injured/sick persons who attended these Posts at the time of their visit.

### **4. Financial Position of SJAB**

#### **4.1 Sources of Income and Expenditure of the SJAB**

The sources of income and expenditure of the SJAB are as under:

##### *Income:*

- (ii) Grant-in-aid from Dte. of Health Services, Govt. of NCT of Delhi.
- (iii) Grant-in-aid from Dte. of Family Welfare, Govt. of NCT of Delhi.
- (iv) Contributions/Donations.
- (v) Training fees.
- (vi) Miscellaneous (sale of badges, contribution received from other Government agencies for providing services, grant in the form of material goods etc.)

##### *Expenditure:*

- (i) Establishment expenses at the brigade administrative office, which is inclusive of the POL for the vehicles and salary of the drivers.
- (ii) Expenditure on out of pocket expenses to the volunteers doing duties at the fixed First Aid Posts.
- (iii) Expenditure on refreshments to the volunteers manning temporary posts during National functions (Republic Day, Independence Day, Martyrs Day) and other public congregations depending on the request received by the Brigade.
- (iv) Expenditure on basic medicines and consumables being utilized in the fixed aid posts and the temporary first aid posts.
- (v) Training expenses for first aid training to the volunteers.

- (vi) Such other expenses as are necessary for performing the duties and discharging the functions of the Brigade.

The following table indicates the position of income and expenditure of SJAB during 2004-05.

**Table - 1**

(Fig. in Rs.)

<b>Income and Expenditure account for 2004-05</b>				
	<b>Source of Income</b>	<b>Amount</b>	<b>Expenditure</b>	<b>Amount</b>
A	Grant-in-Aid from Dte. of Family Welfare for Health Post at Burari	498,788.00	Health Post Staff Salary & Misc	667,717.00
B	Grant-in-Aid from Dte. of Health Services for purchase of;			
(i)	Ambulance	2,500,000.00	Ambulances	2,624,813.00
(ii)	Fixed First Aid Posts	350,000.00	First Aid Post (Out of Pocket Ex.)	893,647.00
C(i)	Ministry of Health	983,496.00	First Aid Post (General)	898,573.00
(ii)	Licences Fees	80,784.00	Maintenance of Ambulance	1,586,699.00
D	Donations			
(i)	General Others	717,476.00	Brigade Day & Souvenir	230,976.00
(ii)	Donation through Bricks etc.	1,643,279.00		
E	St.John Ambulance Delhi Centre	20,000.00	Office Expenses	112,736.00
F	St.John Ambulance Hqrs			
G	Pulse Polio	251,834.00	Pulse Polio	243,531.00
H	Training	492,207.00	Training	303,438.00
	<b>Total</b>	<b>7,537,864.00</b>	<b>Total</b>	<b>7,562,130.00</b>

## 4.2 Grant-in-Aid released by the Delhi Govt. to SJAB

The Health post at Burari being manned by 01 Medical Officer, 04 ANMs, 01 clerk and 01 peon is being funded by way of providing grant under the Centrally Sponsored Scheme (CSS) and such fund for this scheme is released to the SJAB by the Dte. of Family Welfare, Govt. of NCT of Delhi.

Further, the Directorate of Health Services, Delhi Govt. is providing Grant-in-aid to the SJAB to meet a part of its activities like out of pocket expenses of the volunteers/supervisors doing duty in the fixed First Aid Posts etc. Such grant to the Organization was being provided under Plan till the year 2001-02 and from 2002-03 onwards such grant has been provided under Non-Plan head.

The following Grants-in-aid have been released by Delhi Govt. to the SJAB from 2001-02 to 2005-06.

(Rs.in lakh)

Grant-in-Aid released by	2001-02	2002-03	2003-04	2004-05	2005-06
(i) Dte. of FW for Health Post at Buraru (under CSS)	3.61	4.89	4.91	4.99	4.97
(ii) Dte of Health Services for fixed First Aid Posts	4.00	7.79#	-	28.50*	2.40

Note: # Includes non-recurring grant of Rs.2.86 lakh and recurring grant of Rs.4.93 lakh.

\* Includes non-recurring grant Rs.25.00 lakh for purchase of Ambulance.

## 5. Physical Performance of SJAB

### 5.1 Health Post at Burari

As per the Annual Report of SJAB, the following activities have been performed by the Brigade's Health Post at Burari during 2005-06

1	Ante Natal Check up of Pregnant Women	P.W. registered	1538
		Received 3 check ups	441
		T.T. 1 <sup>st</sup> dose	1293
		T.T. 2 <sup>nd</sup> dose/Booster	1485
		Iron Folic Tablets given to Pregnant Women	1699
2	Immunization Programme under 5 year of age	a. BCG vaccination	2195
		b. DPT/OPV 1 <sup>st</sup> dose	2410
		c. DPT/OPV 2 <sup>nd</sup> dose	2211
		d. DPT/OPV 3 <sup>rd</sup> dose	1900
		e. DPT/OPV 0 dose	327
		f. Measles	1869
		g. DPT/OPV booster	1463
		h. MMR	1897
		i. Hepatitis B-1 <sup>st</sup> dose	981
		j. Hepatitis B-2 <sup>nd</sup> dose	852
		k. HB-3 <sup>rd</sup> dose	731
		l. Typhoid	1490
		m.DT (5 Years)	1724

		n. TT (10 Years)	1226
		o. TT (16 Years)	1472
3	Family Welfare Services	1. Male Sterilization (NSV)	2
		2. IUCD	206
		3. Oral Pills	1571
		4. C.C (Nirodh)	94,500
4	Leprosy Clinic Held	(No. of New Cases Detected)	6 Patients Completed Treatment
5	OPD Patients		3674
6	IEC Activities	1. Mother Meetings	20
		2. Health Check up Camps	3
7	First Aid Rendered (Including dressing)		1960
8	Pulse Polio Immunization	House to House No. of Home Visit Activities	No. of Children Vaccinated
	10 <sup>th</sup> April, 2005	37835	12793
	15 <sup>th</sup> May, 2005	38222	13981
	26 <sup>th</sup> June, 2005	38048	18275
	7 <sup>th</sup> August, 2005	38165	15349
	25 <sup>th</sup> Sept, 2005	38557	14087
	27 <sup>th</sup> November, 2005	38561	14723
	15 <sup>th</sup> January, 2006	38319	13313
	26 <sup>th</sup> Feb., 2006	37980	14646

**Source : Annual Report of SJAB for 2005-06.**

## 5.2 First Aid Posts

As per information provided by the SJAB, the following casualty cases were attended by it during 2004-05 through its 06 fixed First Aid Posts and about 300 Temporary Posts set up during national functions, religious functions/camps etc.

S. No.	First Aid Post	Minor Casualty Cases Attended			Serious cases transported to Hospital	
		No. of cases during 2004-05	No. of cases per month	No. of cases per day	No. of cases during 2004-05	No. of cases per month
<b>A Fixed First Aid Post</b>						
1	ISBT Kashmere Gate (24 Hrs.)	25,185	2099	69	119	10
2	ISBT Sarai Kale Khan (24 Hrs.)	17,155	1430	47	83	7
3	ISBT Anand Vihar (24 Hrs.)	24,820	2068	68	47	4
4	Paschim Vihar (8 Hrs.)	8,769	731	24	-	-
5	Nand Nagari (8 Hrs.)	13,149	1096	36	-	-
6	Bijwasan Rly. Station (8 Hrs.)	6,523	544	18	-	-
	<b>Total (A)</b>	95601	7968	262	249	21
<b>B Temporary First Aid Post</b>						
	General First Aid Posts of about 300	3,50,899	29242	961	4431	369
	<b>Total (A+B)</b>	4,46,500	37208	1223	4,680	390

It reveals from the above table, that the SJAB had covered a total of 4,46,500 casualty cases during 2004-05, of which 95,601 cases (21.4%) were covered through its 06 fixed First Aid Posts and the remaining 3,50,899 cases (78.6%) were covered through its temporary First Aid Posts of about 300 set up during the National Functions, Religious Functions/Camps etc. during the year. The SJAB had transported



4680 serious cases to the hospital of which only 249 cases (5.3%) were transported from its 06 fixed First Aid Posts and the remaining 4431 cases (94.71%) were transported through its temporary First Aid Posts during the year.

It also reveals from above table that the SJAB had attended on an average 2099 minor casualty cases per month from its ISBT-Kashmere Gate Post followed by 2068 cases per month from ISBT-Anand Vihar Post, 1430 cases per month from ISBT-Sarai Kale Khan Post, 1096 cases per month from Nand Nagri Post, 731 cases per month from Paschim Vihar Post and 554 cases per month from Bijwasan Railway Station Post. The transportation of serious cases to hospital through these fixed First Aid Posts was very few say only 10 cases per month from ISBT-Kashmere Gate Post, 07 cases per month from ISBT-Sarai Kale Khan Post and 04 cases per month from ISBT-Anand Vihar Post. There was no transportation of serious cases from the other 03 fixed First Aid Posts during 2004-05. The SJAB had attended about 29,242 minor casualty cases per month and also transported about 369 serious cases per month to the hospitals through its 300 temporary First Aid Posts set up during the year.

## **CHAPTER-II**

### **Findings of the Study**

Following are the findings on the basis of the information provided by the SJAB and the information collected by the officers/staff of the Evaluation Unit of the Planning Department by interviewing the volunteers doing duty in the 06 fixed First Aid Posts and the injured/sick persons who were present in these Posts at the time of visit.

- (a) At the time of field visit, 06 fixed First Aid Posts-one each at the three ISBT at Kashmere Gate, Sarai Kale Khan and Anand Vihar and the other 03 at Nand Nagri (Sunder Nagari), Paschim Vihar and Bijwason Railway Station were found functioning. While the first 03 First Aid Posts was functioning for 24 hours, the last 03 Posts were functioning for 08 hours per day.
- (b) In each of the six First Aid Posts, two volunteers were present at the time of visit. In case of 03 First Aid Posts running round the clock, 02 volunteers were doing duty in the first shift of 12 hours starting from 08:00 AM and another 02 volunteers were doing duty for the next shift of 12 hours starting from 08:00 PM. In case of other 03 First Aid Posts running for 08 hours, 02 Supervisors were doing duty in these Posts from 08:30/09:00 AM.
- (c) Besides 02 Volunteers doing duty in a fixed First Aid Post, a Supervisor was also looking after the functioning of each First Aid Post. It was reported by the volunteers present in the First Aid Posts at Paschim Vihar,

ISBT-Anand Vihar and ISBT-Kashmere Gate that the Supervisors visits these Posts daily, while the supervisor in case of ISBT-Kashmere Gate Post reported that the volunteer visits the Post twice in a week and the supervisors at other two First Aid Posts at Bijwasan and Nand Nagri Railway Station reported that the supervisors visit these Posts thrice in a week. It has also been informed by the volunteers that the supervisors remain in the First Aid Posts for about 2 - 3

hours at the day of their visit when they attend the injured/sick patients present at that time at the Posts. Further, it was informed that the supervisors advise the volunteers about the First Aid Care etc.

- (d) The necessary items required for providing first aid care are made available by the supervisors in the First Aid Posts from time to time. The items like Soframycin/Betadin Ointment, Detol, Tincher Benzoin/Spirit of Amonia, Cotton, Roller Bandage, Paracetamol, Sodamint Tablets etc. were found available in most of the First Aid Posts.
- (e) The following table indicates the number of injured/sick persons who visited the 06 First Aid Posts on 15.09.2006 during 08 hours (i.e. from 08:00 AM to 06:00 PM in case of 03 ISBT Posts, 09:00 AM to 05:00 PM in case of First Aid Posts at Nand Nagri and Paschim Vihar and 08:30 AM to 04:30 PM in case of Bijwasan Railway Station Post).

S.No.	Location of First Aid Post	Minor injured persons attended	Sick persons attended	Total (3+4)
1	2	3	4	5
1	ISBT-Kashmere Gate	16	22	38
2	ISBT-Sarai Kale Khan	06	16	22
3	ISBT-Anand Vihar	10	10	20
4	Nand Nagri	27	04	31
5	Paschim Vihar	18	10	28
6	Bijwasan Rly Station	02	17	19
	<b>Total</b>	<b>79</b>	<b>79</b>	<b>158</b>

It reveals from the above table that 158 persons visited the 06 First Aid Posts during 08 hours of functioning on 15.09.2006. Out of 158 persons visited the 06 First Aid Posts, 79 persons (i.e. 50%) either got first aid care for their minor injuries or they got dressing/bandage etc. in respect of their wounds. The remaining 50% were sick who were provided Paracetamol for fever Sodamint for stomach disorder etc.

- (f) No transportation of serious cases was held from any of the 06 First Aid Posts during the 08 hours visit made by the staff of the Evaluation Unit of Planning Department on 15.09.2006. According to the information provided by SJAB, only 249 serious cases were transported to the hospitals from their 06 First Aid Posts during 2004-05. Thus, the cases of transportation of patients by the SJAB is not significant.
- (g) No sign boards/signages etc. regarding the location, nature of services etc. being provided by the SJAB through its fixed First Aid Posts were found in any of the prominent places in the neighbourhood of these Posts which may help in promoting utilization of this scheme.
- (h) The Delhi Govt. had provided Grant-in-Aid of Rs.07.00 lakhs during 1999-2000 and Rs.25.00 lakhs during 2004-05 to SJAB for purchase of ambulance. However, no Ambulance was found present in any of the 06 First Aid Posts at the time of visit made by the officers/staff of the Planning Department. It was informed by the volunteers that in case of transportation of major injured persons arises, they have to arrange for a vehicle from their headquarters or to hire for the same.
- (i) The volunteers reported that they are getting out of pocket expenses at the rate of Rs.75/- for 12 hours duty per day in case of First Aid Posts at three ISBTs running round the clock and at the rate of Rs.50/- for 8 hours duty per day in case of other three First Aid Posts.

## **CHAPTER-III**

### **Suggestions / Recommendations**

The suggestions/recommendations as emerged out from the study are as under:

1. Presently, the 06 First Aid Posts being run by the SJAB for which Govt. of Delhi is providing Grant-in-Aid towards meeting the out of pocket expenses to the Supervisors/Volunteers, may be utilized in full potential if necessary publicity about the location of the Posts, the services being rendered through these Posts, etc. are displayed by using signboard, sign ages etc. at the prominent places in the neighborhood where the First Aid Posts are functioning.
2. The SJAB may indicate the telephone numbers of their 06 fixed first Aid Posts at prominent places which may help the victims in contacting the First Aid Posts to get their services even from a bit distant places.
3. Since the Delhi Govt. of providing grant in aid for meeting the out of pocket expenses etc. in respect of fixed First Aid Posts, the number of such Posts, their duration of working of these Posts, number of volunteers/supervisors to be associated with each of these Posts, the rate of out of pocket expenses to the volunteers and supervisors and also the ceiling of expenditure in respect of other consumable/non-consumable items required for discharging the duties in these First Aid Posts which may have to be borne by the Govt., should be decided by DHS with the approval of Finance Department and all such elements should be included in the Pattern of Assistance (POA) for release of grant to SJAB.
4. There should be no increase in the number/rate/ceiling in respect of any of the items mentioned in point number 3 above without the approval of the Finance Department.

5. Release of fund to SJAB should be made by DHS according to the approved Pattern of Assistance (POA) and the functioning of the First Aid Posts should be monitored by the DHS from time to time.
  
6. It has been observed during the field visit that tablets like paracetamol is being provided for fever to the patients in all the 06 First Aid Posts. Since the volunteers get limited knowledge about first aid only, it may not be advisable that such sort of medicine is provided by them to the patients because the same may cause other side effects.
  
7. The number of transportation of serious accidental/injured cases from the 06 fixed First Aid Posts to the hospitals are very few. The transportation of serious patients, if any, required by the First Aid Posts may be got done by inviting ambulance from the CATS or the Traffic Police serving in the area. Thus, there is no necessity for providing Grants in Aid to SJAB for further purchase of ambulance.