

**MINUTES OF THE MEETING OF THE TECHNICAL COMMITTEE FOR THE
FINALISATION OF SPECIFICATIONS OF STIRRUP PUMP FOR INSECTICIDAL
SPRAY IN KALA-AZAR ENDEMIC AREAS OF BIHAR FOR USE UNDER NVBDCP
HELD ON 06.01.2006**

A meeting of the Technical Committee was held on 6th January, 2006, under the Chairmanship of Additional DG & Director NICD, to examine the technical specifications of stirrup pump for insecticidal spray in kala-azar endemic areas of Bihar for use under NVBDCP. The following members attended the meeting:

Dr. Shiv Lal Addl. DG & Director, NICD	Chairman
Prof. Dr. A.P. Dash, Director, Malaria Research Centre	Member
Dr. I.S. Garg Director (Procurement), DGHS	Member
Dr. (Mrs.) Mukul Singh Dy. Director, (med. Tox.) Central Insecticide board & Registration Committee Faridabad	Member
Dr. K.C.S. Bisht Director, Bureau of Indian Standards	Member
Dr. V.K. Sexana Joint Director, NICD	Member
Dr. Sangeeta Kohli Associate Professor (Mechanical) Indian Institute of Technology	Member
Dr. P.L. Joshi, Director, NVBDCP	Member Secretary

The specification of ^{sti}trup pump is Bureau of Indian Standards BIS 1971:1996 (Fifth Revision) ^{Hand} operated Stirrup type sprayer with following material for components as per table 1 page 4 (material for construction of stirrup pump should various components (clause 4.1) of IS 1971:1996 & Sr. No. 7 page 3 of IS 1971: 1996.) with ISI mark.

Type of application	Public Health
<u>S.no. Component</u>	<u>Material</u>
1. Pump cylinder	Brass
2. Pump cap	Brass
3. Packing nut	Brass
4. Guide	Brass
5. Delivery spout	Brass
6. Valve seat	Brass
7. Piston rod	Brass
8. Hose nut	Brass
9. Hose nipple	Brass
10. Piston	Brass
11. Spreader	Chrome tanned leather
12. Handle	Brass Wood

Sangeeta Kohli

Hand

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6/1/06

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07/1/2006

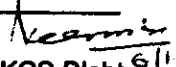
13.	Buffer	-	Brass
14.	Valve	-	Brass
15.	Travel limiting device	-	Brass
16.	Strainer	-	Brass
17.	Stirrup	-	Mild steel
18.	Foot rest	-	Mild steel
19.	Cylinder clamp	-	Brass
20.	Hose ferrule/clip	-	Brass
21.	Hose	-	PVC(reinforced)
22.	Gasket	-	Fibre Leather
23.	Nozzle Tip	-	Brass
24.	Type of Nozzle	-	Fan type (flat fan)
25.	Goose Neck	-	Two piece
26.	Length of delivery hose	-	5- meters
27.	Type of handle	-	D Type

Other components will be as per specification given in Bureau of Indian Standards BIS 1971:1996 (Fifth Revision) ICS 65.060.40-IS 1971:1996. The discharge rate of pump shall be capable of discharging a minimum of 740-850 ML per minute for public health commission.


Marking : The pumps shall be marked as follows :-

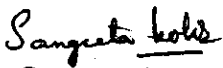
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NVBDCP
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Dr. I.S. Garg
Director (Procurement)
DGHS, New Delhi



Dr. KCS Bisht 6/1/02
Director, Bureau of Indian Standards


Prof. Dr. A.P. Dash,
Malaria Research Centre


Dr. (Mrs.) Mukul Singh
Dy. Director Central Insecticides Board
Faridabad
Faridabad (Haryana)


Dr. Sangeeta Kohli
Associate Professor (Mechanical)
Indian Institute of Technology


Dr. P.L. Joshi,
Director, NVBDCP
Member Secretary


Dr. Shiv Lal
Addl. DG & Director, NICD
Chairman