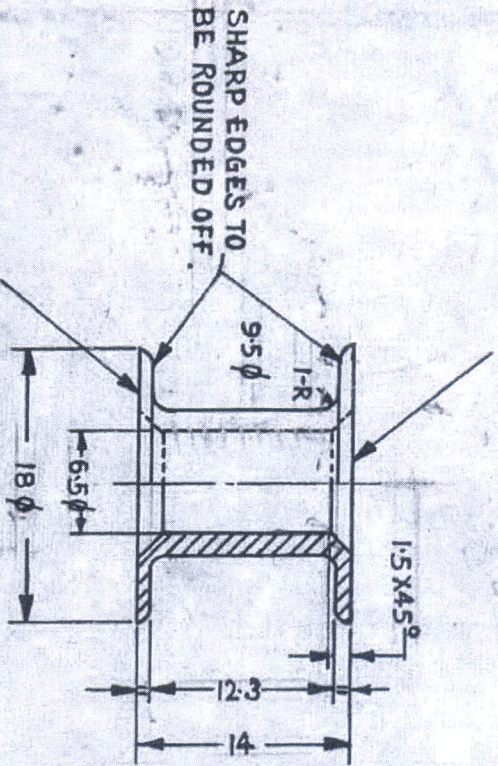


PLACE FOR INSPECTION MARKING.



SHARP EDGES TO BE ROUNDED OFF

PLACE FOR MARKING MANUFACTURER'S INITIALS YEAR OF MANUFACTURE AND CAT. No.

**MATERIAL:-** CARBON STEEL TO SPECN. IS: 2073-1970 (C 25, M<sub>n</sub> 75)

2

**HARDNESS:-** 210/230 V.P.N.

**WORKMANSHIP & FINISH:-** TO BE SMOOTHLY FINISHED AND CADMIUM PLATED TO A

MINIMUM THICKNESS OF 0.012 mm AND CHROMATE PASSIVATED AS PER SPECN. IS: 1572-1968, cd-12.

**TOLERANCES:-** ± 0.4 mm UNLESS OTHERWISE SPECIFIED.

**PACKING:-** EACH METALLIC REEL ALONG WITH A LABEL SHOWING NOMENCLATURE OF STORE, YEAR OF MANUFACTURE, TRADE NAME AND ADDRESS AND INSPECTOR'S STAMP, SHALL BE KEPT IN A SUITABLE SIZE OF POLETHENE BAG OF 150 GAUGE OR AN APPROVED GAUGE AVAILABLE. THE OPENEND SHALL BE ELECTRICALLY HEAT SEALED. 25 NOS OF SUCH BAGS SHALL BE KEPT IN A CARTON OF SUITABLE SIZE OF APPROVED QUALITY. EACH CARTON SHALL BE IDENTIFIED BY LABEL OVER IT SHOWING NOMENCLATURE, TRADE MARK/INITIAL OF THE MANUFACTURER, YEAR OF MANUFACTURE, QTY. IN THE CARTON. QTY. 10 CARTONS SHALL BE PACKED IN A C.W.P. OF SUITABLE SIZE OF APPROVED QUALITY.

BEFORE DESPATCH EACH PACKING CASE SHALL BE LEGIBLY AND INDELIBLY MARKED WITH THE FOLLOWING DETAILS:-

- (i) NOMENCLATURE, CAT. No. AND YEAR OF MANUFACTURE. OF THE STORE.
- (ii) TOTAL No. OF PACKING CASES AND THE No. OF THE INDIVIDUAL PACKING CASE IN A CONSIGNMENT.
- (iii) No. OF CARTONS IN EACH PACKING CASE AND THE QTY. IN EACH CARTON.
- (iv) MASS OF THE PACKING CASE IN KG.
- (v) ADDRESS OF THE CONSIGNEE.
- (vi) ADDRESS OF THE CONSIGNER.

**NOTE.** ENVIRONMENTAL TEST-SALT SPRAY TEST SHALL BE CARRIED OUT AS PER ATTACHED SCHEDULE.

COUNTERSIGNED

*R. M. Singh*

offg  
DIRECTOR,  
LT. Col.  
AD RDE, AGRA.

DGN	DATE	NAME
DRN		(SITA RAM)
CHD	3-6-75	H/S
TRD		Load memo
COMP	22-8-78	
AD/DO		
PROV-FFR	23/11/16	Ar. 21/11/16

SCALE :- 2:1

27L/3502 DROGUE WITHDRAWAL LINE  
(METALLIC REEL)

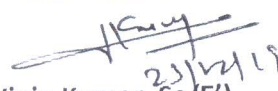
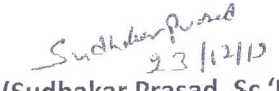
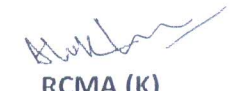


DIMENSIONS IN MILLIMETRES

APPROVED

*R. M. Singh*  
LT. Col.  
DY. DIR.

PROV (a)(b)  
DRG. No. AD RDE/7865A-1

CHANGE SHEET No. 232	DRAWING CHANGE SHEET			AFFECTED DRG. NO. ADRDE/786-SA-1(b)
DATED 12/12/2019	DRAWING TITLE: 27L/3502 DROGUE WITHDRAWAL LINE (METALLIC REEL)			NEW DRG. NO. ADRDE/786-SA-1(c) SHEET 3 OF 3
Sl. No.	SHEET NO./ LOCATION	EXISTING	AMENDED	REASON
1.	Sheet 4 of 9	Material: Carbon Steel to specn IS: 2073-1970.( C25, Mn75)  Hardness:- 210/230 V.P.N.	Material: Steel for Hardening and Tempering as per IS: 5517-1993, Designation 40Ni6Cr4Mo2 in Hardened and Tempered condition. Hardness:- 241/250 BHN	IS: 2073-1993 has been superseded by IS: 7283-1992. In Specification IS: 7283-1992 under the chapter material, It is mentioned that " the chemistry of the material shall conform to that of any steel of the Indian Standards Specification or as mutually agreed upon between the manufacturer and the purchaser. " In view of above Specification no. IS: 5517-1993 has been recommended for the Metallic Reel with specific designation.
PREPARED BY  (Vipin Kumar, Sc 'E')		APPROVED BY  (Sudhakar Prasad, Sc 'E')		VETTED BY  RCMA (K)
AERIAL DELIVERY RESEARCH AND DEVELOPMENT ESTABLISHMENT MINISTRY OF DEFENCE AGRA CANTT				

CHANGE SHEET No. 340	DRAWING CHANGE SHEET		AFFECTED DRG. NO. <b>ADRDE/786 (d)</b>
DATED: 25/08/22	DRAWING TITLE: <b>27L/3502 DROGUE WITHDRAWAL LINE (ASSEMBLY)</b>		NEW DRG. NO. <b>ADRDE/786 (e)</b> SHEET 1 of 1
Sl. No.	SHEET NO./ LOCATION	EXISTING	AMENDED
	REASON		
1.	Sheet no. 02 of 9 List of Materials/ Components	Thread sewing nylon bonded H4 OG BL-211N IS: 4229-1992	Thread sewing nylon bonded H4 UD/OG BL-211N IS: 4229-1992
2.	-do-	Thread sewing nylon L2 BS-35 N U/D IS: 4229-1992	Thread sewing nylon L2 BS-35 N UD/OG IS: 4229-1992
3.	-do-	Tape tubular nylon 26±1 mm BS: 1850 kg, U/D ADRDE/SPECN/2000/54 (c)	Tape tubular nylon 26±1 mm BS: 1850 kg, U/D ADRDE/SPECN/2000/54 (e)
4.	-do-	Metallic Reel ADRDE/786-SA-1 (c)	Metallic Reel ADRDE/786-SA-1 (e)
5.	-do-	Housing- sub assembly ADRDE/786-SA-2 (c)	Housing- sub assembly ADRDE/786-SA-2 (e)
6.	-do-	Pin securing flap ADRDE/786-SA-3 (c)	Pin securing flap ADRDE/786-SA-3 (e)
	INITIATED BY <i>Afzal Qureshi</i> (Afzal Qureshi, Sc. 'D')	APPROVED BY <i>Sudhakar Prasad</i> 11/10/22 (Sudhakar Prasad, Sc. 'F')	VETTED BY <i>Ashish</i> RCMA (K)

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MINISTRY OF DEFENCE  
AGRA CANTT