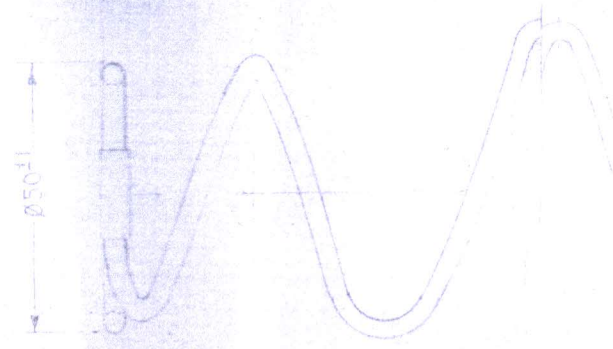
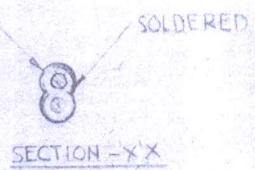
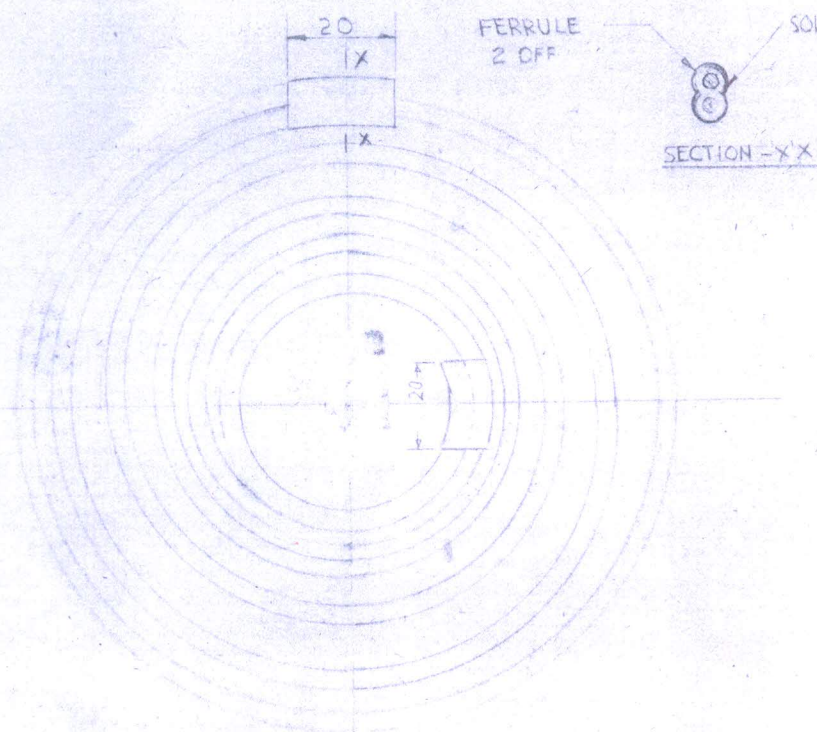


DRG No. 1159-1
SHEET 1



WORKMANSHIP:-

JOINTS AT TOP AND BOTTOM OF SPRING TO BE
TIGHTENED WITH FERRULE AND SOLDERED.
SPRING SHOULD STAND EXACTLY VERTICAL WHEN
PLACED ON FLAT SURFACE.

FINISH

COIL SPRING TO BE CADMIUM PLATED TO IS: 1572 GRADE 'A' cd 13 P

COMPRESSION TEST:-

THIS SPRING SHALL COMPRESS FULLY UNDER A LOAD OF NOT LESS
THAN 314 N (32 Kg) AND NOT MORE THAN 370 N (38 Kg). AFTER BEING
MAINTAINED IN FULLY COMPRESSED POSITION UNDER SUCH LOAD
FOR A PERIOD OF 10 MINUTES, IT SHALL NOT SHOW PERMANENT SET
MORE THAN 4 mm ON COMPLETE WITHDRAWAL OF LOAD AND THE JOINTS
SHALL REMAIN UNDEFORMED. THE TEST MAY BE CARRIED OUT ON EACH
SPRING, THE COILS SHOULD GET SEATED WITHIN ONE ANOTHER WITHOUT
OVER LAPPING WHEN FULLY COMPRESSED.

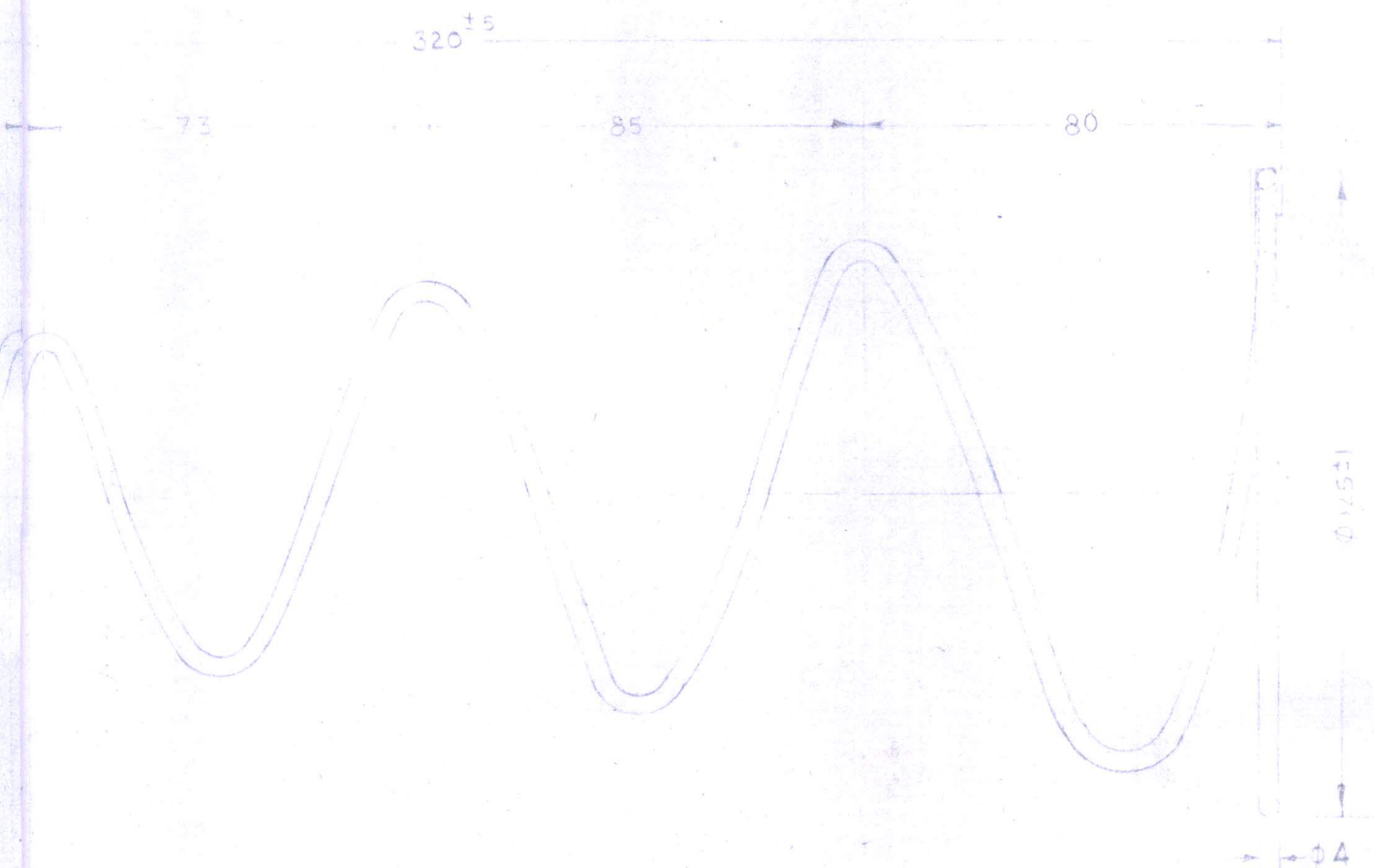
PACKING:-

TEN NOS OF COIL SPRING SHALL BE GROUPED TOGETHER SO THAT THEIR COILS DOVE
TAIL INTO ONE ANOTHER. THERE AFTER THESE SPRINGS SHOULD BE SECURED WITH
JUTE TWINE AT THE TOP ENDS AND BOTTOM ENDS. EACH SUCH UNIT SHALL BE PACKED
IN THE POLYTHENE BAG WITH 20 gms. PACKET OF SILICAGED BAG.

FIVE SUCH BAGS SHALL BE PLACED IN A C.W.P. (DULY LINED WITH PAPER & PACKED WATER PROOF)
ONE POLY PACK OF 10 NOS SPRING EACH BAG SHALL BE IDENTIFIED BY A LABEL SHOWING CAT No.,
DESIGNATION OF THE STORE AND RECOGNISED INITIAL OF THE MANUFACTURER AND
YEAR OF MANUFACTURE.

THE PACKING CASE SHALL BE INDELIBLY MARKED WITH ADDRESS OF CONSIGNEE,
CONSIGNOR, CAT No., DESIGNATION, YEAR OF MANUFACTURE AND QUANTITY AND
NUMBER OF INDIVIDUAL PACKS.

NO	DATE	AUTHORITY
PARACHUTE		



MATERIAL:-

1. SPRING

STEEL WIRE FOR COLD FORMED SPRING
 $\phi 4$ mm TO IS: 4454 Pt I GRADE 3

2. FERRULE

M.S SHEET OF 0.096 THICKNESS

DRN S.C. SHARMA	CHD A	PRO. OFFR	TO 1/2 DRG
TRD	COMP	PASSED	
		APPROVED	
SCALE: 1:1		DIRECTOR	
DIMNS IN mm.		DESIGN AUTHORITY	
BRIEF RECORD		ADRDE, AGRA	
ZONE CD. 0.1/2		DRG No.	
HUTE SYSTEM FOR TAIL UNIT No TR-25Q		ADRDE/1159-AT/ISA 8-5	
(PILOT PARACHUTE)		SHEET 14 OF 29	