

CONTROLLED COPY	
SL. NO. <u>2</u>	NAME <u>S. SUBRAMANIAN</u>

Standard Purchase Specification for 'SCP' (Spares Centre 'P' Category) Items.

Spare Code :	<u>NAME OF THE COMPONENT</u>	SCP NO. 13098
Material Code:		Rev. No. 01
96 356 080	GUN ENGAGEMENT	
	SPRING AC/M	Effective Date : <u>25.1.96</u>
Indigenous:		
Imported :	Issued by : AGM/Spares	Signature <u>[Signature]</u>

- 1.0 Applicable PGMA : 41-350
- 2.0 Applicable Drg.No. with Rev. No. & Date : 4-41-000-00083
- 3.0 Specification : SPEC. NO. 13098
- 4.0 Supply Condition of Matl. : As per supplier's packing procedure.
- 5.0 Vendors to be contacted : As per approved Vendor's List
- 6.0 Remarks : Latest revision of Spec. & Drg. to be used.
: Specification TOS 611 is to be ignored.

Note on Revision 01 : Totally revised.

	NAME	DATE
	SIGNATURE	
PREPARED BY	C.HAMID <u>[Signature]</u>	<u>24.01.96</u>

CHECKED BY	T.S.SIVASUBRAMANIAN
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APPROVED BY	K.Y.PRABU <u>[Signature]</u>	<u>24.1.96</u>
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01/02

SPRINGS FOR FUEL OIL GUN ENGAGEMENT1. Item Name & BHEL Material Code:

→ Item -1 Gun Engage Spring - AG/M ; Code 96 356 080
 Item-2 Gun Engage Spring RM ; Code 96 356 040

2. Drawing Numbers:-

→ Item - 1 - 4-41-000-00083
 Item - 2 - 4-41-310-00066

3. Applications:

Item 1- to deactivate limit switch in Air cooled and manual fuel oil guns and (item 2 in auto retract fuel oil guns.

4. Material:

16 gauges wire to ASTM A313 Type 302 or 304.

5. Type of Ends:

Plain and ground.

	<u>Item -1</u>	<u>Item 2</u>
6. Stiffness	18 kg/cm	11.3 kg/cm
7. Wire dia	1.6 mm	1.6 mm
8. Coil ID	7.0 mm	7.0 mm
9. Coil Pitch	4.7 mm	4.7 mm
10. Number of coils, effective	5.0	8.0
11. Free length	28.0 mm	39.0 mm
12. Max. deflection, approx.	15.4 mm	24.6 mm
13. Solid height, approx.	9.6 mm	14.4 mm

14. Certificates:

Material certificate and certificate of dimensional & performance compliance shall be produced along with each lot of supply.

02/02

15. Marking:

Name tags bearing maker's name, item name, BHEL material code and quantity shall be enclosed in each packet.

16. PACKING :

Quantities of 12 to be sealed in thick polythene covers with Name tags and placed in card board box. These card board boxes then to be packed in wooden cases.

17. Inward Inspection:

Verify name tags & materials certificate;
Perform random check on dimensions & deflection rate.

18. Along with quotation submit point by point reply to this specification enclosing necessary data & brochures to evaluate technical conformity.

PREPARED BY

Meg

CHECKED BY

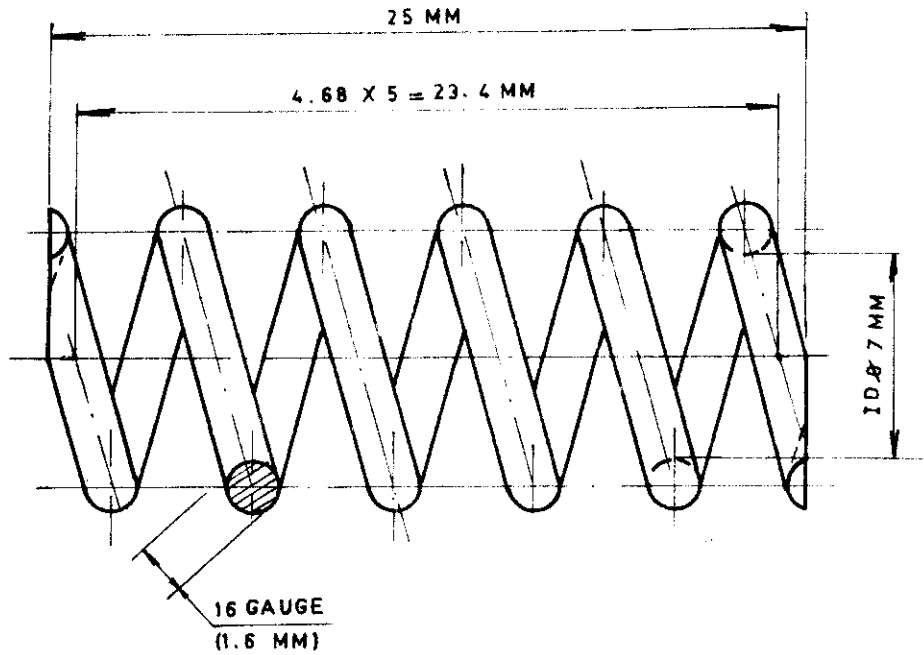
APPROVED BY

[Signature]

Vendors : Southern Springs, Hindustan Spring Mfg. co.
Megha Jayas Springs; Wriston Agencies
International Industrial Springs.

FIRST ANGLE PROJECTION (ALL DIMENSIONS IN MILLIMETRES)

REV 01	DATE	ALTERED <i>K. Selvam</i>	REV 02	DATE 11-5-84	ALTERED <i>K. Selvam</i>
		CHECKED <i>M. Han</i>			CHECKED <i>M. Han</i>
WIRE WAS 0.5; SPRING CONSTANT ADDED			REDRAWN: NOTES ADDED SPRING CONST WAS 15.0		



NOTES:

SPECIFICATION NUMBER - TOS 611 (Item 1)
 MATERIAL CODE - 96 356 080
 MATERIAL - ASTM A313, TYPE 302 OR 304
 SPRING CONSTANT - 18 Kg/Cm

SCP NO: 13098

 Bharat Heavy Electricals Ltd., BOILER PLANT UNIT TIRUCHIRAPALLI-620 014		DRN	NAME <i>EC 010</i>	SIGN	DATE 11-05-84
		CHD	<i>K. SELVAM</i>	<i>K. Selvam</i>	11-05-84
		APPD	<i>KC</i>	<i>M. Han</i>	11.5.84
DEPT.	GRADE OF UNTOL DIM C/M/F	 SCALE 4:1		WEIGHT (kg)	REF TO ASSY / OLD DRG
CODE					ITEM NO.
TITLE GUN ENGAGE SPRING - AC/M		CARD CODE U 01	DRAWING NO. 4-41-000-00083		REV 02

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