

Bansodier 3A

(11)

TELEGRAMS : ASSURAMN  
TELEPHONE : 5819513

BY REGISTERED POST  
GOVERNMENT OF INDIA  
MINISTRY OF DEFENCE (DGQA)  
CONTROLLERATE OF QUALITY  
ASSURANCE (AMN)  
KIRKEE : PUNE - 411003

No TSD4098/OFV

Dated: - 02 ~~Apr~~<sup>May</sup> 2001

✓ TO

The General Manager  
D.F. VARANIGAN - 4125308

SUPPLY OF PARTICULARS

Refer to your letter No. DA17-160/XXXI dt. 23-4-2001

A certified copy/<sup>each</sup> copies of the undermentioned particulars  
is/are forwarded herewith. Receipt of the same may please be  
acknowledged:-

<u>Draw/Specn/Part No.</u>	<u>DC No</u>	<u>No of Copies</u>
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Draw. No. ISV 514 A

Specn. 1A 1078 (J)

R-1518  
SFS

Encl :-

1 Draw  
1 Specn  
~~1 Proof Sol~~

MND

(M.T. BANSOD)

BY, ASSISTANT CONTROLLER  
for CENTRAL DEPT. OF QUALITY ASSURANCE (AMN)

Copy to :-

प्रेषक/डॉ. का.
आयुध निर्मात्री वरणागंव
डायरी संख्या/Diry No 2
दिनांक/Date 8/5



9. The manufacturer shall notify the Inspecting Officer when he is in a position to start work and shall inform him of all sub-orders placed in connection with the order.

The Inspecting Officer shall have access at all reasonable times, to all departments of manufacturing plants which are concerned with the production and storage of materials or components under the order at the works either of the Manufacturer or sub-manufacturers and shall arrange for inspection to be carried out by his representatives as he considers necessary.

10. Before proceeding to manufacture, all materials shall be submitted to the Inspecting Officer in batches. Each batch shall comprise a quantity of material prepared under uniform conditions in respect to composition and manufacturing processes.

11. The manufacturer shall not take into use any material or components until it has been accepted for its purpose by the Inspecting Officer, who may require the bulk of the material or of components to be sealed or banded until results of tests or analysis of samples are available.

12. The manufacturer shall supply and prepare free of charge, the material or components required by the Inspecting Officer for testing purposes and shall provide the necessary facilities and apparatus which may be required for carrying out the tests called for by the drawing or by this Specification.

Test pieces or samples will invariably be selected by the Inspecting Officer or his representative and will remain the property of the Government.

13. The Manufacturer is expected to submit for inspection only satisfactory material and he shall be required to assume full responsibility for any material submitted which is found to be unsatisfactory.

If examination of a portion of a batch of materials or components reveals an unacceptable standard of quality, the whole batch will be rejected. At the discretion of the Inspecting Officer, the Manufacturer may be permitted to resubmit the batch after he has re-examined the whole, and has eliminated those parts which are defective.

Formal acceptance of material or components by the Inspecting Officer shall not relieve the Manufacturer of his responsibility for any parts which may subsequently prove to be defective.

SECTION II - COMPONENTS AND MATERIALS

1. The complete Bandolier is to be made from following components and materials :-

<u>Components</u>	<u>Materials</u>	<u>No. per cent</u>
Body and Strap	Drill cotton olive Green	One
Fastener or Button	Copper wire 1 mm dia	Five <i>as per relevant drawing (e)</i>
Eyelet (only required when alternative method of securing fasteners is used).	Plastic of good commercial quality	Five
	Brass (tin-plated) 0.3- mm	Five

(j) ~~Fastener~~ Fastener Hook & Loop

OG to specification JS-8156 (latest issue)

....., 3/-

1.1 The drill cotton olive green proofed is to be fully shrunken and is to comply with the requirements of specification IS:5088 (f) (g) (H.I.) 1952.

1.2 The cotton thread used for stitching the bandoliers and fasteners is to be cotton thread No 6/36s dyed olive green (Soamic 314), and proofed conforming to the current approved specifications. Alternatively, any other alternative material may be used subject to the prior sanction of the Inspecting Officer.

(d) NOTE: Button holes will have to be made in place of punched holes 1.5mm dia, when buttons are used in lieu of copper wire fasteners.

### SECTION III - ASSEMBLY

1. The body of the bandolier is to be made of one piece, strengthened by a re-inforcing strip, cut so that the warp threads run with the length of the bandoliers. The four edges are to be hemstitched, the hem on the adjacent edges being on opposite sides.

2. The strap is to be of a single piece, doubled and stitched as shown on the drawing.

3. The ends of the strap are to be folded and impaled between the ends of the body (which is formed by folding the hemmed sheets double lengthwise with the long hems outside) and the whole secured by two lines of stitching as shown on the drawing.

The bandolier is to be divided into five equal divisions by four double lines of stitches as shown on the drawing.

4. The fasteners are to be securely attached to the bandoliers in positions shown in the drawing, by sewing. ~~Five holes are to be punched in the opposite sides of the hem, one hole above each pocket, so that when the fasteners are passed through them one edge of the bandolier shall overlap the other and completely enclose the contents. Holes are to be punched as shown on the relevant drawing.~~ (f)

### SECTION IV - MARKING

1. Each bandolier is to be marked with the numeral, Manufacturer's initials or recognised trade mark, and month and year of manufacture, as shown in the drawing.

### SECTION V - PACKING AND MARKING OF PACKAGES

1. The completed bandoliers are to be delivered thoroughly dry and packed to ensure that they are efficiently protected during transit whilst awaiting inspection. The following paragraphs describe the details of a suitable method of packing.

#### 2. Materials for Packing

2.1 The following materials conforming to the appropriate current approved specifications should be used :-

Paper Kraft Wrapping

Paper Packing, waterproof

Cloth 'C' Heavy

Twine, Jute, 3 Ply

Metal Hoops or metal wire or cordages

3. Method

- 3.1 Each Bandolier shall be delivered in a new, clean and dry condition.
- 3.2 If ordered for delivery to a local inspection Depot, the Bandoliers shall be delivered in bundles often unpacked, after inspection, the accepted supplies shall be packed in accordance with para 3.3 below :-
- 3.3 In all other cases the Bandoliers shall be packed in accordance with the details given below :-

(a)	<u>No. of Bandolier per bundle</u>	<u>No. of Bundles per bale</u>	<u>Details of Wrapping</u>
	10	9	10 Bandoliers suitably folded shall be placed one over the other and tied at two places with jute twine to form a bundle. 9 such bundles shall then be wrapped with two layers of kraft paper followed by a third layer of paper packing waterproof and finally an outer layer of Cloth 'C' heavy to form a bale.

The size of Packing materials shall be sufficiently large to wrap completely the contents of the bale when pressure is applied. This is ensured by having an overlap of at least 15 Cm. where the bottom and top coverings meet.

(b) Bailing

1. The stores shall be packed in bales with a gross mass of approx. 37 Kg.
2. The bale shall be made up in such a way that its cross Section is approximately rectangular in shape and the finished dimensions of the bale do not exceed the minimum required for the purpose. Press packing of bales shall be carried out wherever possible.
3. The seams of the bale shall be securely sewn with the double jute twine with not less than 12 stitches 10 cm while stitching the jute cloth, care should be exercised to avoid piercing the inner wrapping during the stitching process.
4. Sufficient jute cloth shall be pulled out at each corner to form 'ears' about 15 Cm/length.
5. Bales shall be bound with two metal hoops - one around the width and one around the length of the bale where banding machines are not available, the bales shall be secured with metal wire of sufficient thickness or cordage of sufficient strength to ensure a compact bale. When bound with metal wire, care should be exercised to ensure that the contents of the bale are not cut or damaged in any way.
6. The outside seams of the bale shall not be dampered unless specifically ordered by the Purchase Officer.

(c) Marking

Before despatch, each bale shall be legibly and indelibly marked as under :-

.....5/

Front and top of the Package

- (i) Cat. No. and brief designation of the store.
- (ii) Quantity packed preceded by abbreviation 'Qty'

Thus - Qty 10 X 5 (indicating that 10 Nos. are packed in a bundle and 5 bundles have been packed in the bale).

Back of the packages

- (i) Name and address of the consignee as given in the order.
- (ii) Mass of the package in kg. preceded by abbreviation kg.
- (iii) Serial No. of the individual package and the total number of packages in the consignment, e.g. 1 of 4, 2 of 4, 3 of 4 and 4 of 4 where the consignment consists of 4 packages.

Left end of the Packages

- (i) Supplier's name, initials or recognised trade mark.
- (ii) The date, month and year of packing in the form of one/two figure, abbreviation for the date, three letter, abbreviation for the month and a two figure abbreviation for the year e.g. 10 JUL 59f.,

SECTION VI - INSPECTION

1. The bandoliers may be inspected during manufacture by and after delivery, will be subject to testing analysis by and to the final approval of the Inspecting Officer.

If an examination of 20 per cent. of a delivery it is found that departures from the approved design or defects of any nature which involve rejection of the bandoliers amount to 25 per cent of the number examined then the whole delivery will be rejected.

2. Physical test - A percentage of the bandoliers will be tested by being hung from a suitable hook by means of the strap, each pocket having been weighted with a mass of 0.312 kg. The bandolier is then raised so that the pockets are level with the hook and allowed to drop freely. This is to be repeated five times. Any failure of stitching or material at this test will render the whole delivery liable to rejection.

SECTION VI I - REPLACEMENT

1. REPLACEMENT BY MANUFACTURERS - Where complete bandoliers are damaged in examination, testing or chemical analysis during the process of Inspection, as provided for in this specification or elsewhere as a condition of acceptance, the Manufacturer supplying the bandoliers will be required to supply or replace the number so damaged free of charge, and the bandoliers so damaged will become the property of the Government.

SECTION VIII - RESUBMISSION OF REJECTED BANDOLIERS

1. Bandoliers rejected under this specification are not to be resubmitted without the permission of the Inspecting Officer. Resubmitted bandoliers are to be delivered in separate lots and not mixed with current supplies. Such lots should be clearly marked "REJECTED REJECTS" on the invoice.

Sd/-x-x-x-x-x-  
for Chief Inspector of Armaments  
for Director of Inspection Armaments.

Notes :-

- (i) This specification is to be returned to the Controller of Inspection (Ammunition), Kirkee, immediately on submission of tender or completion of order.
- (ii) This Specification only holds good for the particular order for which it was issued.

Correct copy of the sealed specification at this date.

*MD*

(M.T.BANSOD)

D.A.C.

for ~~CONTROLLER OF QUALITY ASSURANCE (AMM)~~  
~~for CONTROLLER OF INSPECTION (AMMUNITION)~~

KIRKKEE

Dated : 2-5-2001

A.G.T.  
08112