



**Technical Specification for
BELTS WAIST BROWN LEATHER,
Kingstrop Royal Horse Artillery**

Defence Clothing
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PREFACETABLE 1 – PRODUCT LIST

Item Name	BELTS WAIST BROWN LEATHER Kingstrop Royal Horse Artillery	
Development File No	4.902	
NATO Stock Numbers	Pattern Numbers	
8440-99-762-5520	D01386	

Any colour shown in this document is for representation and must not be used for colour matching.

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TABLE 2 – ISSUE RECORD

Issue No	Comments	Issue Date
1	New item.	17 March 2009

PART 1

1. THE PRODUCT

- a. Use of the Product. This specification describes the requirements for belts waist brown leather for wear by personnel of the Kingstrop Royal Horse Artillery.

FIGURE 1. Belt Waist Brown Leather

Patt D01386



FIGURE 2 Buckle with hook attachment



TABLE 3 – RELATED SPECIFICATIONS AND DOCUMENTS

Specification/Document	Detail
BS EN ISO 105	Textiles. Tests for colour fastness.
Part X12	Colour fastness to rubbing
Part E04	Colour fastness to perspiration
BS 3144	Method for sampling and physical testing of leather
UK/SC/5699	Specification for leather vegetable tanned various

2. PATTERNS.

- a. Master Patterns. The DC IPT at Caversfield holds a Master Pattern for this product. Potential contractors may view the pattern on site by arrangement with the DC IPT Commercial Department.
- b. Standard Patterns. A Standard Pattern may be obtained from the DC IPT Technical Information Office and may be used to provide the criteria for all materials, components and manufacturing features not fully defined in this specification.

PART 23. PRODUCT DESIGN

- a. Product Description. Leather waist belt with keeper and brass quick release hooked buckle. The design of the belt shall be in accordance with the Standard Pattern

TABLE 4 – PRODUCT COMPONENTS

4.1 Leather	<ul style="list-style-type: none"> • Leather, cattlehide, with a fine hair-cell finish, thickness 2.75mm to 3.25mm to UK/SC/5699 Type B, Leathers for dressed, grain split. • The colour and appearance of the grain is to be as the Standard Pattern. • There should be no looseness of grain (pipeness). • When tested to BS 3144 Method 7, measurement of resistance to grain cracking, the leather is to have a minimum crack index of 15. • The leather shall meet the requirements of Table 7 for colourfastness. • Any variation from the Standard Pattern with regard to colour, grain and finish are to be approved by the DC IPT.
4.2 Buckles	<ul style="list-style-type: none"> • Belt buckle, 45mm (1 ¾ Inch) single prong, self-coloured solid brass, with hook attachment. Free of cracks and visible defects. See Figure 2.
4.3 Rivets	<ul style="list-style-type: none"> • Copper, tin or zinc coated. • Or an alternative approved by DC IPT

TABLE 5 – PRODUCT CONSTRUCTION

5.1 Belt	<ul style="list-style-type: none"> • The belts shall conform to the measurements detailed in Table 6. • The adjustment hole end of the belt shall be tapered starting 30mm \pm2mm before the end of the belt. The end of the belt after tapering shall be 30mm \pm2mm. As shown on the Standard Pattern. • There shall be 8 adjustment holes positioned 25mm \pm1mm apart and starting 75mm \pm2mm from the taper end, positioned equidistant from each edge of the belt, shall be cleanly punched through the belt. • The other belt end shall be square.
5.2 Keeper	<ul style="list-style-type: none"> • Leather strip formed in to a loop with a rivet and washer, 15mm \pm1mm by 150mm \pm2mm.
5.3 Finishing	<ul style="list-style-type: none"> • Each belt shall be supplied with a buckle as described at 4.1. • The edges of the belts and keepers stained to match the leather and shall be dye fast.

TABLE 6 – SCHEDULE OF NATO STOCK NUMBERS AND MEASUREMENTS

Nato Stock Number	Size	Overall length mm	Width mm
8440-99-762-5520	Long	1270 \pm 2	45 \pm 1

4. LABELLING REQUIREMENTS. Information and format is to be as follows:

- NATO Stock Number, size, contract number and year.
- Position: Clearly printed on the underside of the leather, marked in indelible ink.

TABLE 8 – SPECIMEN LABELS

NSN Contract No.

TABLE 7 - METHOD OF TEST- COLOUR FASTNESS

Method of Test					
BS EN ISO 105					
Part E04		Part X12			
Colour Fastness To Perspiration		Colour Fastness To Rubbing 2			
Staining (cotton)		Dry (1024 Revs)		Wet (65 Revs)	
Grain	Flesh	Grain	Pad	Grain	Pad
2	2	3	3	3	2