

II. EXAMINATION, REPAIR, AND ASSESSMENT OF DAMAGES.

143. Repairs and work performed in the armourers' shops, as well as in the armouries, will be executed under the orders given by the officer in charge to the senior armourer.

144. When arms, machine guns, and machine-gun equipment are beyond local repair they will be cleaned, well oiled (particularly under the barrels), and forwarded to the D. of E. & O.S., Wellington.

On all vouchers for machine-gun equipment a note will be made showing whether the stores are or are not to be reissued.

145. All returned arms which cannot be dealt with locally under paragraph 143 will be brought on charge as "doubtful," sent to the D. of E. & O.S., Wellington, for disposal so far as the unit that returned them is concerned, and replaced, unless surplus to establishment, by the issue of serviceable articles.

146. Small-arm components returned by troops which on examination are found to be unserviceable, and components condemned by department armourers at Wellington, will be broken up and brought to produce locally; their destruction will be effected by their being heated in a forge and then hammered.

147. Arms condemned as unserviceable by armourers, and arms returned by troops and found unserviceable, will be stripped to their component parts—*e.g.*, bodies removed from unserviceable barrels, or *vice versa*; hilts removed from broken sword-blades—the serviceable and repairable parts returned to store, and the unserviceable dealt with as above.

148. The voucher or document upon which the transaction is recorded will be certified to the effect that all the items have been thoroughly destroyed, by the officer under whose authority they have been condemned. In the case of arms and components in charge of units condemned by inspection department viewers and ordered to be returned to store, the order directing their return will be attached to the store receipt voucher which deals with the transaction.

149. The marking of barrels in any unauthorized way is strictly forbidden, and charges will be made against all services on this account, and for all marks on arms other than those provided for by regulation.

In all cases of doubt as to the disposal of arms and machine guns, the question will be referred to the D. of E. & O.S.

150. The following repairs will be undertaken locally by the Ordnance Department at stations where the duty can be carried out by competent armourers:—

III. RIFLES AND CARRIERS.

151. (i.) Replacing components, including barrels with bodies.
- (ii.) Adjustment of loading and firing positions, M.M. and M.E. arms.
- (iii.) Renewing lines on sight-slides, caps, and wind-gauges.
- (iv.) Repairing and splicing butts, fore-ends, and hand-guards.
- (v.) Floating out barrel-groove of rust-stained fore-ends.
- (vi.) Cleaning barrels that are rusty inside or outside.

Rifles and Carbines.

- (vii.) Testing bore of barrels for wear by rejecting plugs.
- (viii.) Unbreeching and replacing unserviceable barrels or bodies.

Swords, Sword-bayonets, &c.

- (ix.) Polishing by power.

Machine Guns.

- (x.) Replacing components.
- (xi.) Repairing and adjusting fore sights.
- (xii.) Repairing guns.

152. When damaged arms are ordered to be sent for special examination, labels will be attached to them giving a reference to the orders under which they are sent, and a copy of the decision of any Board or Court of Inquiry which may have been held regarding them will be attached to the vouchers.

153. All charges for damaged arms returned to store, as well as deficiencies, will be assessed locally in accordance with the following scale:—

Repairable articles—

Rifles or carbines—	s.	d.
Cleaning barrel (to be cleaned by armourer)	1	6
Barrel slightly rusted (to be cleaned by armourer)	0	9
Pistol-barrel	1	0
Pistol-cylinder	0	9
Swords, sword-bayonets, and dirks, all patterns—		
Blade slightly cut on edge or rusty	1	6
Rusty or damaged hilts or sockets	1	0
Scabbards, leather, sword-bayonets	0	6
Scabbards, steel, all patterns, rusty or dented or both	2	6
Lances, steel parts, rusty or damaged	0	9
Lances, other defects	1	0
Tubes, aiming, rusty or slightly damaged	1	6

154. The charge for barrels of rifles and carbines cord-worn at muzzle or breech, if they are not rendered unserviceable thereby, will be 1s. If cord-worn at both muzzle and breech a charge of 2s. will be made.

155. When a charge for a complete rifle, or for any of its components except the barrel, is made, the date of issue will be taken from the heel-plate on M.L.M. and M.L.E. long rifle and body of M.L.E. short.

156. Special dummy cartridges, as described in paragraphs 6489 and 9518, "List of Changes in War Material," will be supplied for the use of armourers or armament artificers in testing the hoppers, belts, cartridges, feeders, cartridge-carriers, &c., of the various machine guns in their charge, to ensure these appurtenances and components being correct and free from obstruction before firing the gun. These cartridges will be issued to each armourer or armament artificer for each nature of machine gun which he has in his charge. They are not to be used for drill purposes.

IV. BROWNING ARMS.

157. General directions in regard to browning arms will be found in the Instructions for Armourers, &c.

The several ingredients for making "mixture for browning arms" will be supplied in the proportion shown in the following table, and care must be taken to demand by quarts, gallons, or larger quantities:—

Water, rain	1	gallon.
Acid, nitric, commercial	6½	ounces.
Steel, tincture of	13	"
Wine, pure spirits of	5	"

About 3 pints of mixture is sufficient to brown 100 stand of arms. Materials for less than 1 quart of mixture will not be supplied. Rain-water will be invariably used for dissolving the ingredients, which will be placed in a vessel, when mixing, in order above shown.

Section V.—Supply and Receipt of Stores and Clothing.

I. ESTIMATES.

158. The D. of E. & O.S. will apply to officers and departments authorized to draw stores to furnish him with detailed annual estimates of their requirements during the ensuing financial year.

159. He will see that the above estimated demands furnish information upon every essential point of detail; that the articles are described in accordance with the nomenclature of the current-priced Vocabulary; and that articles for which no authorized nomenclature exists are shown separately in the section to which they would naturally belong, after the service articles in that section, and with the words "not in Vocabulary" prefixed. Drawings and specifications, where necessary, will be annexed to obviate the necessity for further reference to the station.

160. He will see that the estimate from each corps or department, except the annual estimates for expense stores, shows the data on which it is prepared and the purpose for which the articles are required, as well as the average annual consumption and the numbers on hand.

161. The estimates will also show the cost of any article proposed to be made by regimental tradesmen, or to be procured locally at stations where there is no representative of the Ordnance Department.

162. The estimates will contain references to any special applications and orders respecting the stores estimated for.

163. Should the D. of E. & O.S., having regard to the consumption of previous years, consider any estimate to be excessive, or on any other account to require revision, he will return it with his remarks in writing to the officer who rendered it. If that officer should desire to adhere to his estimate as originally framed the D. of E. & O.S. will submit the matter to the superior authority.

164. The D. of E. & O.S., after obtaining the approval of the superior authority to the demand for stores, will proceed as laid down in paragraph 113, "Regulations for the Administration and Equipment of Camp and Barracks."

165. The contracts for these services will be placed annually, and the contractors will supply direct to the Ordnance depôts as ordered.

Requisitions, including quarterly requisitions from the R.N.Z.A. and Electric-light Sections, are to be made on the Ordnance Officer of the district concerned, who will check each item in the requisition, ensuring that the items asked for are in accordance with existing schedules (or schedules which will hereafter be laid down); or, if the service required has not yet been scheduled, then the A.Q.M.C. must satisfy himself that the items requisitioned for are essential, and certify in the body of the requisition accordingly.

The requisition will then be passed to the Ordnance Officer of the district, who will issue; and if not in store, will arrange to procure.

II. RECEIPT OF STORES.

166. On all occasions of stores being received, the officer or others receiving them will ascertain whether the packages have been damaged in transit (whether by wet, or by being opened, or in any other way). Should any suspicion arise as to their having