

- C174453
- (f) Barrack Stores - Non-delivery of bedsteads and mattresses has created a shortage which will be adjusted as far as possible between Districts. Deliveries of other items continue to be slow.
 - (g) Tools and Workshop Equipment - 185 chests, tools, were filled and distributed during the week. The supply situation is satisfactory.
 - (h) C.W.A.C. - Alterations in the design of the C.W.A.C. uniform have been made and the new pattern has been approved.

TECHNICAL RESEARCH

26. (a) Tank Armament

- (i) The equipment list for the M3 Cruiser Tank has been completed.
- (ii) Arrangements are being made to test plastic armour in co-operation with the N.R.C. and the Navy.

(b) Equipment - General

The adoption of the new type protractor has been recommended.

(c) Equipment - Coast Defence

The trial and proof of a Coast Defence Mounting for Q.F. 75 mm. guns has been arranged.

(d) Research Establishment (C.J.) Ottawa

- (i) A white anti-gas cape for winter training has been developed and is now undergoing laboratory tests.
- (ii) A survey of new rubber compounds for use in anti-gas clothing is now in progress. Every effort is being made to obtain an alternative to the oilskin fabric, which is unsatisfactory at temperatures below 45°F.
- (iii) Experiments to correlate a new method of measuring penetration times on anti-gas clothing with the standard chemical method has been started in an effort to speed up routine proofing.

(e) Experimental Station, Suffield

The construction of buildings is progressing. A Range and Accuracy trial with Livens Projectors was made 21st August, and an aircraft spary experiment was carried out on 5th September. Details of these trials are not available at present.

(f) Container Assembly Plant

The production of containers during the week was maintained at the rate of 1800 per day. 3,000 facepieces were assembled to containers during the week. Deliveries of the Mark VII Haversack have started. A shipment was made to South Africa consisting of 15,000 complete respirators, including haversacks and "anti-dim".

MECHANIZATION

DESIGN

27. (a) Scout Car

No. 1 pilot model with mild steel hull is undergoing test at Ford Motor Company, Windsor.

No. 2 pilot model with Armour plate hull is expected to be under test week of September 8th.