

C175399

- 18 -

(ii) Civilian Respirators

Containers accepted	87,941
Facepieces accepted	87,318
Respirators assembled	84,352

(b) CW Laboratories, Ottawa (Week ending 19 Dec)

Anti-gas Ointments - Protection against S vapour (saturated at 300 C) has been found to be 30 minutes instead of 15 minutes previously reported. Its irritancy is low enough to allow its use as a prophylactic.

(c) Experimental Sta, Suffield (Week ending 12 Dec)

- (i) 25-pr Chemical Shell - Shells charged with mustard thickened with benzene rubber gel gave poor performance after subjection to tropical storage conditions. Shells stored in normal conditions were only fairly satisfactory.
- (ii) "S" Research - Water contaminated with "S"-hydrochloride can be detoxified by dilute sodium hydroxide solution.
- (iii) Mustard thickening - About 1 1/2% asbestos gives better results than 1% glass wool or 0.2% wadding type 3A, when used in mustard thickened to 6 poise with Alloprene.
- (iv) Cloud attacks - Preliminary trials have indicated that it is not likely that high concentrations of hy gases will be obtained under conditions of extreme inversion (lack of turbulence).
- (v) Aircraft Smoke Screens - The Vultee Vengeance aircraft is suitable for laying smoke screens with the 500-lb smoke curtain installation.

GENERAL STORES

20. (a) <u>Anti-Gas Clothing</u>	<u>Delivered</u>	<u>Issued</u>
Assorted AG Garments	21,390	45,912
Respirators AG	9,440	6,260

(b) Helmets, Steel Bodies - A redistribution has been made, and stocks are to be held as follows:

Amherst	10,000
Saskatoon	7,000
Edmonton	6,000

TECHNICAL STORES

21. Item	Received		For distribution	
	Week	To date		
(a) <u>Guns and Mortars</u>				
6-pr A Tk Equipments	1	207	Prev Issued	128
			Tests AED	1
			Pending	78
25-pr Equipments	6	429	Prev Issued	403
			A4 CATC	6
			Pending	20