

up over the head so that one is nearly on the top of the head and the other one is just above the back of the neck.

(v) Open the noseclip at the top of the face-piece by pulling on the two tabs and fit it on the lower part of the nose, so that the nostrils are closed by it, and push the top of the face-piece up under the goggles if these are being worn.

If either elastic band is loose, it can be tightened by means of the hooks at the back.

(vi) Put on your goggles if they are not already being worn.

(vii) While wearing the respirator the saliva must be swallowed from time to time to prevent moisture from accumulating in the valve or face-piece.

(viii) If it is absolutely necessary to speak while wearing the respirator, take hold of the metal mouth-tube and draw it forward clear of the mouth **WITHOUT DISTURBING THE FACE-PIECE**. When it is desired to speak, a long breath will be taken through the tube before removing it from the mouth. *Speak only while breathing out.* Put the tube back in the mouth before the next breath is drawn in. The box respirator gives complete protection as long as the breathing tube is used, but tear-gases can sometimes penetrate during speaking, if the breath is drawn in without the tube. Do not speak for longer than is absolutely necessary, and put the tube back into the mouth as soon as you have finished speaking.

Care and Inspection.

(i) Box respirators must be kept dry, and must not be subjected to rough usage.

(ii) They must be inspected once a week, attention being paid to the following points:—

(a) Face-piece, noseclip and elastic in good order.

(b) Face-piece firmly attached to mouthpiece.

(c) Rubber tube intact and firmly attached to box and mouthpiece.

(d) The expiratory valve should be tested by clipping the rubber tube, and seeing that the valve allows air to pass freely out and not in.

(e) See that the box is not damaged.

(f) See that the goggles are in order.

(iii) The eyepieces of the goggles should be rubbed with "Glasso" at each inspection to prevent dimming with moisture. Apply a little of the paste to the inside of the glass eyepiece, rubbing it hard into the glass. Then polish off as much as possible with a dry rag, leaving the glass quite clear.