

- 11) Start up a boiler fan, open all the air distributors, open the flaps wide, ventilate the boiler thoroughly for 2 minutes, and then close the air distributor and the dampers again
- 12) Light up on R.35 25.5.21 nozzle on the central air distributor, with an oil pressure of 10-15 Kg/cm². Using successive 10 minutes burns interspersed with periods of 10 minutes extinction, heat up the boiler until steam begins to form. Lighting up may also be carried out in a continuous manner using an R.35 20.4.19 nozzle.
- 13) As soon as steam begins to form, close the air release and open the drain cocks of the superheaters ; drain the superheaters into the bilge until a pressure of 8 Kg/cm² is reached.
- 14) At 8 Kg/cm², open the superheater exhausts to atmosphere and close their drains to the bilge. Drain the desuperheater and continue to raise pressure using a continuously lit 25 burner until pressure equalization with the other burners is achieved. About 3 hours are required to reach a pressure of 60 Kg/cm². It is nevertheless advisable not to accelerate the procedure, and to allow the temperature to rise gradually.

CONNECTING UP

- 1) As soon as steam is raised, open wide the drain cock (Z.75) upstream of the main steam line bulkhead valve, and Z.72 either to the bilge, or to the drain tank to heat the main line.
- 2) When pressure is equalized, drain the desuperheater in use (to the drum), and drain also at Z.90 upstream of the desuperheated steam inlet valve and Z.87, either to the bilge or to the drain tank ; then, connect up to the desuperheated steam main.
- 3) Drain at Z.71 downstream of the A.C.B. stop valve, and at Z.70, either to the bilge or to the drain tank. Check by means of a bilge drain sample that the steam is perfectly dry upstream of the main steam line bulkhead valve, then open very gradually the by-pass to this valve.
- 4) Open the main steam line cock very gradually.