

**CERTIFICATES OF COMPETENCY IN THE MERCHANT NAVY –
MARINE ENGINEER OFFICER**

EXAMINATIONS ADMINISTERED BY THE
SCOTTISH QUALIFICATIONS AUTHORITY
ON BEHALF OF THE
MARITIME AND COASTGUARD AGENCY

STCW 95 SECOND ENGINEER REG. III/2 (UNLIMITED)

042-24 – ENGINEERING DRAWING

WEDNESDAY, 15 DECEMBER 2010

1300- 1700 hrs

Examination paper inserts:

Drawing Fig. Q1

Notes for the guidance of candidates:

Candidates should attach their drawing to the examination workbook front sheet

Materials to be supplied by examination centres:

Drawing Board
Candidate's examination workbook
A2 Drawing Paper
Tee Square

ENGINEERING DRAWING

Attempt ALL parts of the questions

Marks for each part of the question are shown in brackets

1. Fig Q1 shows details of a Pressure Burner Carrier.

(a) Draw FULL SIZE and in THIRD ANGLE PROJECTION, using the centre line positions shown in Fig Q1(a) the following views of the assembled pressure burner carrier:

(i) a sectional elevation on a vertical plane through the centre line of the manifold when viewed in direction of Arrow D; (55)

(ii) a plan view as an outside view in direction of Arrow C projected from Q1(a)(i). (25)

(b) Complete the drawing by adding the following:

(i) a parts list with the individual items clearly identified on the assembled drawing; (12)

(ii) the projection symbol and the scale; (2)

(iii) SIX main dimensions of the assembled burner carrier. (6)

The drawing should be in accordance with B.S. 308:1993 and hidden detail should be omitted.

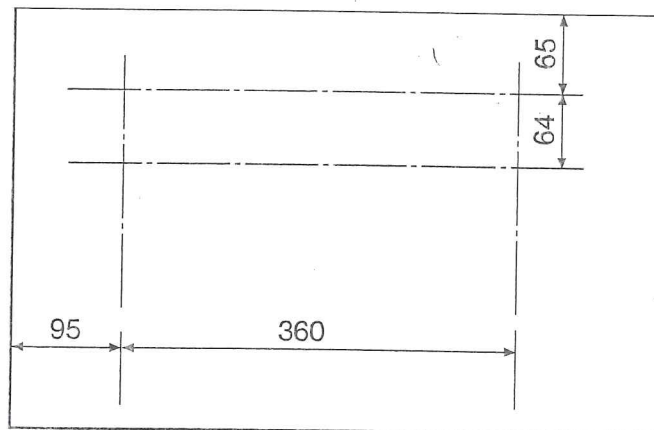


Fig Q1(a)

