

**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, 1 APRIL 2009

1300- 1700 hrs

Examination paper inserts:

Drawing Fig. Q.1

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 CO₂ Quick Release Valve.
- (a) Draw TWICE FULL SIZE using the centreline positions as shown in Fig Q1(a), a sectional elevation of the assembled valve when viewed from Arrow C with the drawing lengthwise on the paper. (78)
- (b) Complete the drawing by adding the following:
- (i) a parts list of FOURTEEN main individual items clearly identified on the assembled view; (14)
 - (ii) a title; (1)
 - (iii) the scale. (1)
 - (iv) SIX main dimensions of the assembled valve. (6)

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

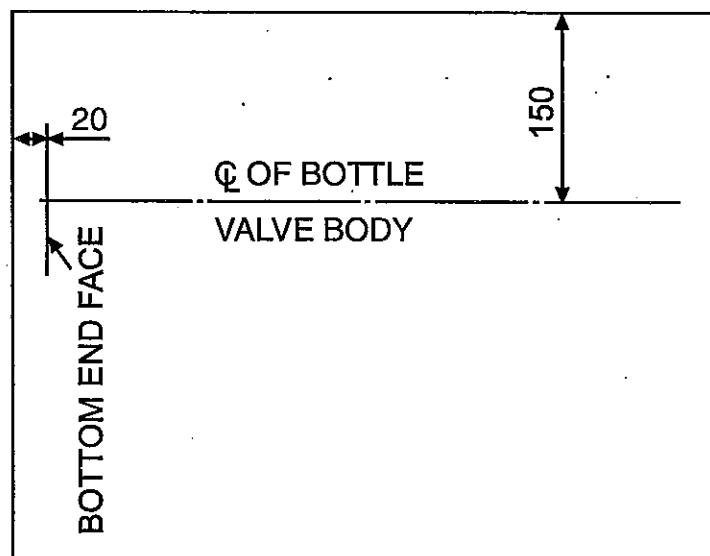


Fig Q1(a)

