

**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, 20 OCTOBER 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

Fig Q1 shows details of a semi-rotary pump.

- (a) Draw HALF FULL SIZE and in THIRD ANGLE PROJECTION using the centreline positions as shown in Fig Q1(a) EACH of the following views of the assembled pump:
- (i) a sectional end elevation when viewed from Arrow C; (63)
 - (ii) an elevation when viewed from Arrow B projected from (a)(i). (19)
- (b) Complete the drawing by adding the following:
- (i) a parts list with the NINE main items clearly identified on the assembled drawing; (9)
 - (ii) a title; (1)
 - (iii) the scale; (1)
 - (iv) a projection symbol; (1)
 - (v) SIX main assembled dimensions. (6)

The drawing should be in accordance with BS.308:(1993) and hidden detail should be omitted.

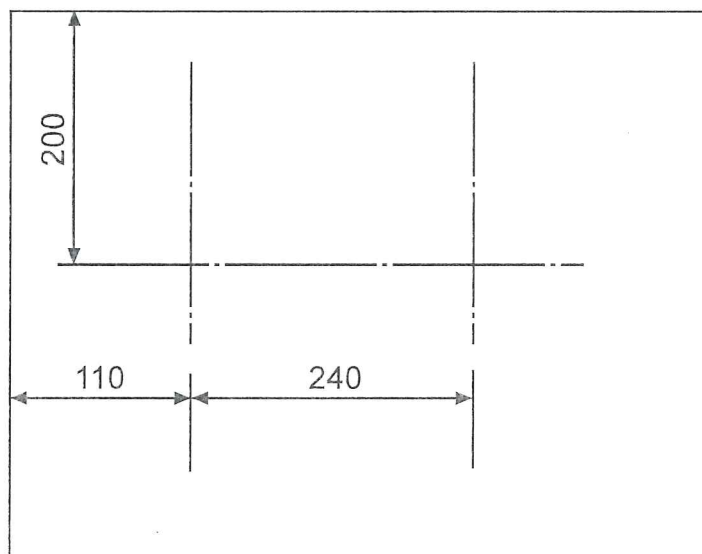


Fig Q1(a)

