

MECHANICAL DRAWING

GIVEN:

- An isometric drawing of a arc cover plate.
- The arrow indicating the direction of the front view.
- The front view, top view and left view of an arc cover plate in third-angle orthographic projection

INSTRUCTION:

Answer this question on diagram sheet 27.

Draw to scale 1 : 1 and in third-angle orthographic projection, the following views of the arc cover plate.

- A sectional front view on cutting plane QQ. Draw the front view as seen from the direction as indicated in the isometric drawing. The section line is shown in the top view.
- A top view (show all hidden detail in this view).
- A right view (show all hidden detail in this view).

NOTE:

- Carefully plan the start position of the drawing before commencing.
- This drawing must comply with the SANS 10111 standards.

Show the following on the drawing:

- The section line QQ on the right view.
- The projection system symbol used for this drawing.
- Between 5 mm guidelines, supply the drawing of a title and scale at the designated title block area

ARC COVER PLATE
SCALE 1 : 1

[36]

