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18/ENG04/060

PETROLEUM ENGINEERING

ENG232

1. Hatching line on the surface at angle 45
2. –It must be 10mm away from the drawing

--The dimension line must not touch the drawing.

1. Half section: it is a view of an object showing one half of the view in section (full section)

Full section: it is a view of an object showing half of the view in section (the cutting plane for passes fully through the part.

1. They are terminated by the use of termination and sine text such as

* Closed filled or closed blank
* Dot
* Tick

1. a) scale = 5:1

it means that the original measurement should be multiplied by 5

b) scale = 1:10

it means that the original measurement should be divided by 10

1. a) diameter-

b) radius- R

c) square-

d) spherical radius- SR

e) Centre line-

f) cutting plane line- - -

g) long break-

1. a) Element are; front view, side view and plain/top view

b) orthographic projection: it is method used for representing 3-dimensional objects in two dimensions.

1. It is when all the plane of the object is arranged in first angle or third angle or afire transformation (projection)
2. A) First angle projection: It is a method of creating 2d drawing of a 3D object.

b) third angle projection: it is a method of orthographic projection which is a technique in portraying a 3D design using a series of 2D views.

OBJECTIVE

1. A
2. B
3. C
4. B
5. A
6. B
7. C
8. B
9. B
10. A
11. C
12. A
13. B
14. C
15. A