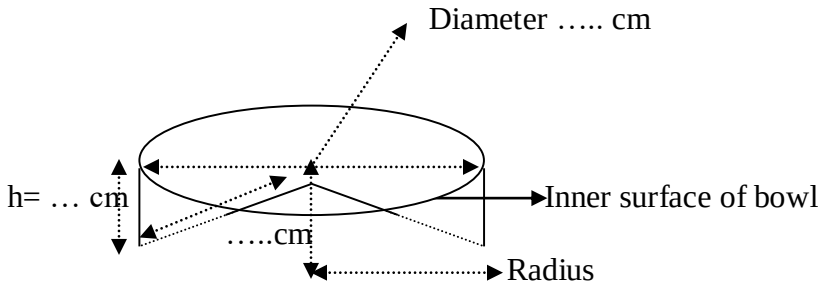
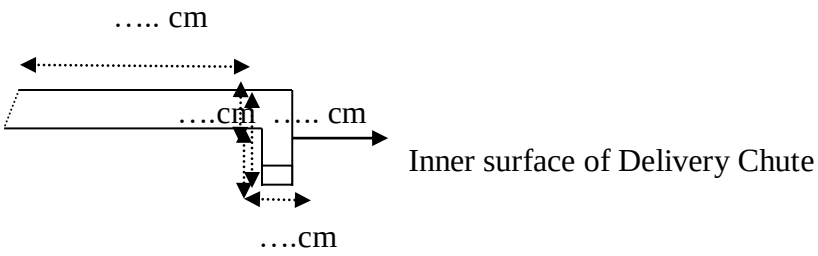
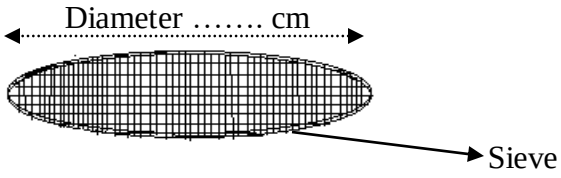
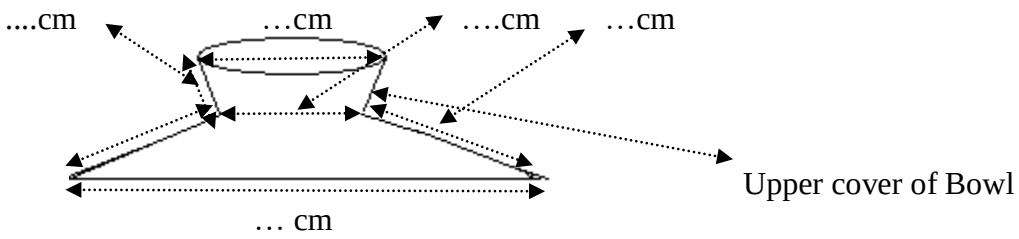
Pharma Devils	PHARMA DEVILS QUALITY ASSURANCE DEPARTMENT	**DRAWING No.:**

SURFACE AREA CALCULATION SHEET (VIBRO SIFTER)









Pharma Devils	PHARMA DEVILS QUALITY ASSURANCE DEPARTMENT	**DRAWING No.:**

SURFACE AREA CALCULATION SHEET (VIBRO SIFTER)

INNER SURFACE AREA OF BOWL:

Diameter of Bowl: … cm

Slant height of conical surface= … cm

Length of bowl h= … cm

Total surface area of bowl: 2 x π x r x (r + h) + (π x r x l)

…….cm^2

TOTAL SURFACE OF SIEVE:

Radius of sieve= …… cm

Area=πr^2

…….cm^2

TOTAL SURFACE AREA OF EXIT CHUTE:

= (L x w) + (L x w)

=……=…… cm^2

TOTAL SURFACE AREA OF UPPER COVER OF BOWL :

Diameter 1 = …

Diameter 2 = ……

Lateral Height=…….cm

= (2 x π x r x h) + {1/2 x (b1+b2) x h}

……cm^2

Total Surface Area of Sifter: …….cm^2

=……$inch^2$