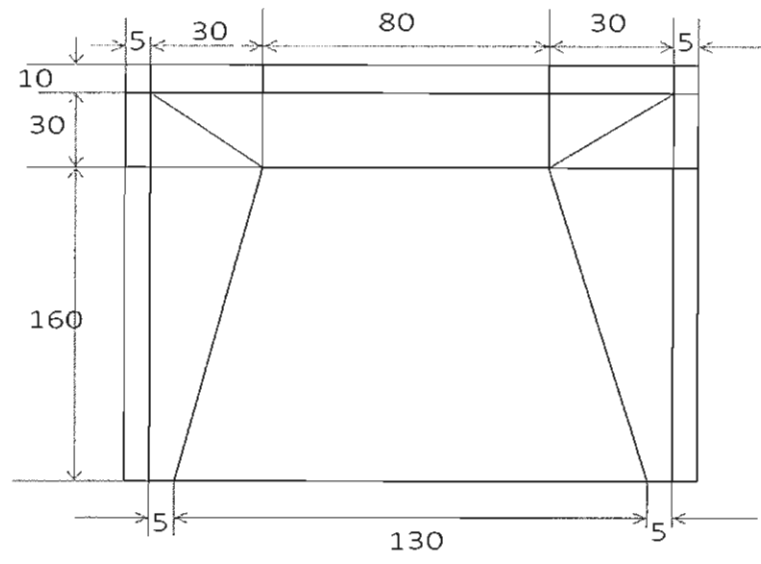
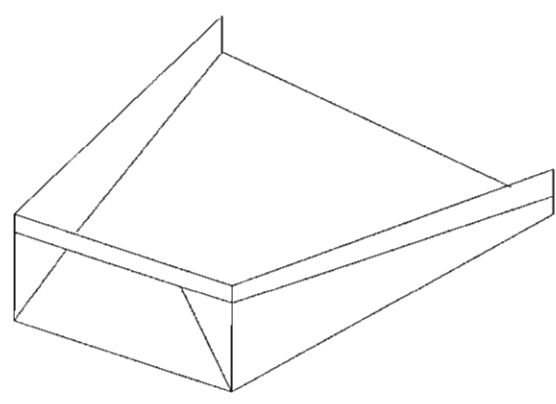


SCOOP MAKING

MARKING



FINISHED SCOOP



SCOOP MAKING

AIM:

To make a Big Scoop of given size from a sheet metal piece.

APPLICATION:

Cleaning the dust in all industries, maintenance area etc

SUPPLIED MATERIAL SPECIFICATION:

Galvanized Iron sheet of dimension is 350 x 300 mm, Thickness 33 gauge

TOOLS REQUIRED:

- 1) Steel rule. 2) Scriber 3) Steel square 4) Straight snip 5) Anvil or Bench plate
- 6) Stake 7) Mallet.

SEQUENCE OF OPERATION:

- 1) Checking 2) Layout Marking. 3) Shearing. 4) Folding. 5) Locking & Seaming.

WORKING STEPS:

1) CHECKING:

- a. Check whether the given sheet is having its dimensions as 300mm x 350mm. If the dimension is excess trim off using hand shear.

2) LAYOUT MARKING:

- a) Using steel rule and scriber mark 5mm point on both sides in vertical axis.
- b) Mark 5mm on one side of the horizontal axis and then again make a point mark after 60mm from first 10mm.
- c) Now from 5mm marking mark 10mm on both end in vertical. axis.
- d) Make two diagonal line attaching on joining 60mm marking on horizontal axis to 10mm marking on vertical axis

3) SHEARING:

- a) Keep the pattern over square stake such that the line at hem portion I exactly coincides with edge of the stake.
- b) Fold the 5mm marking 180 deg on anvil or both sides of sheet pattern in inner direction. .
- c) Now fold 90 deg the horizontal from 60mm marking

4) FOLDING:

- a. Make a shape on A shaped part in one square and B in other square.
- b. Now use a straight snip off unwanted portion (A & B)
- c. Now fold the two sides of sheet from the diagonal line 90 deg.

5) LOCKING AND SEAMING:

- a) Now join the two edge portion A & B from the 60mm 90 deg folded from horizontal axis and grip and lock them
- b) Check for the dimensions. of the complete scoop

RESULT:

Thus the required Large Scoop is made out of the given sheet metal piece.