ExNo. 9 DATE: Movember 20,2071

Him

To make a big scoop of o given specification from a sheet maked piece

Application

If is a device use to corry, pick and transfer the things. Material Specification

Malerial : Galvanized iron

Sheet of dimonsione: 300 MM X350MM Hickness 33gouge

Tool Required

1. Sectore 2. Briber 3. Straight snip 4. Stake 5. Anvil 6 Mallet Sequence of operation

Equence of aparament 1) checking 2.) Layout marking 3.) shearing 4) folding 5.) Lacking And finishing

Checking

Check whether the given sheet is having its dimension as Scommx350mm. If the dimension is excess trim off using hand shear. If It is less change the given sheet

Layout Marking!

i) Place the given sheet over working table, so that side of dimension 350 is

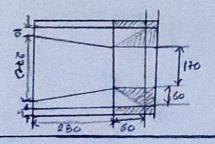
a) from reference point to draw the vertical line 280mm, 60mm and remaining portion 10mm for hemming allabance (Given interval 280 mm for base and 60mm for kep height)

3) Now place 300 mm side, first to be draw smm line both sides. These line provided for

H) on the 280mm line to be mork both side 60mm point. (Note: should be mork ofter hamming line) Then drew vertical line at both points. Connect the points above

3) Now you get spure on top corner both side and draw the diagonal line from

6) Draw Habel line shown in figure



III unwanted for from

All measurements in MM

Shearing:

1) Remove the concounted for from shown in the loyout with the help of snip
2) while culting, cut along the proper line and remove the unwanted postions Diedeling side over square and fold the 5nm Remning fortion with 18040words 2) Then fold comm height furtion with 90° offosite to mosteling side
3) Again feld two slaw lines offosite to the marking side
4) The scoop is howing two incomplete corners. In align the corner of stake, fold the
to congular shape both side with help of mallet Locking And Finishing 1) Fold the remaining postrom 180° on words using stake and mallet to lock the folds.

N) To make perfect shape using mallet

3) check for the dimension PRE LAB QUESTIONS 1) what type of material used in sheet metal generally? Steel mostly coaled with fin or Zinc galvanized skel 2) Explain the use of scoop It is a device use to corry, pick and fransfer the things 3) What is the minimum and maximum sheet metal thickness 2 0-3 MM to 5.2 MM is minimum & monimum thickness of sheet metal 4) Mention the least count for skeel rule 5) Define Loyout The way in which the ports of something are arranged

POST LAB QUESTION What is the purpose of anil?
The Anvil is used for shalping and hemming sheef metal 2) Which fool is used for measuring the thickness of shedel metal?

Sheet metal Grouge
3) Mention the diagonal angle in scoopmaking layou!? 4) Af what slage the sheet metal is called as pattern
After complety mosking loyart, And attack the convarled portion it is called pattern 5) What is a Git sheet? Why it is called so? Galvanized iron sheet ore steel sheets which have been couled with zinc. RESULT Thus the required scoop is made out of the given sheet me had piece asper the

