



LESSON NOTES

School: Ba Sangam College
Subject: Applied technology

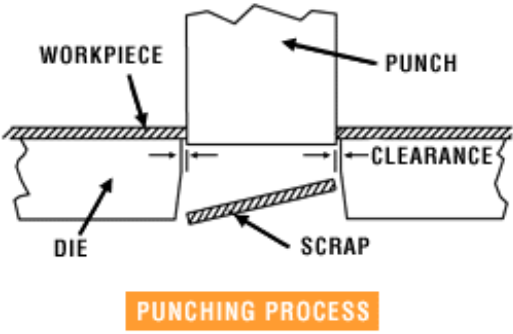
Year/Level: 12
Worksheet 12

Name:
Year:

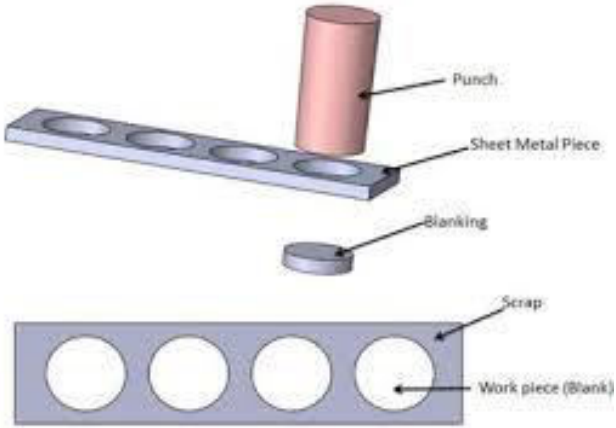
Strand	Welding and Fabrication
Sub Strand	Cutting and Forming Process
Content Learning Outcome	State the different types of shearing process

SHEARING PROCESS

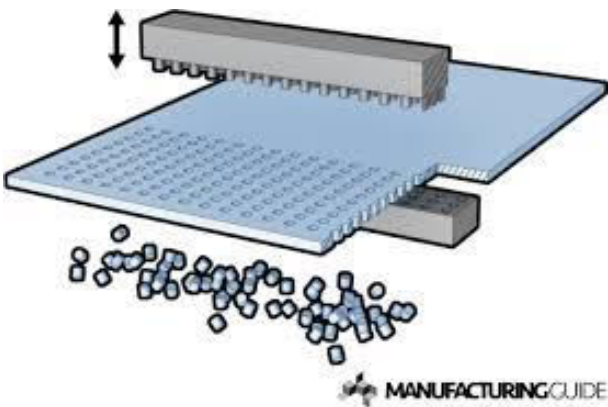
1. PUNCHING



2. BLANKING

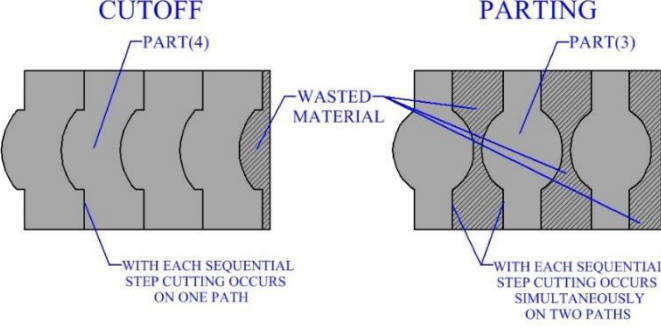


3. PERFORATING



4. PARTING

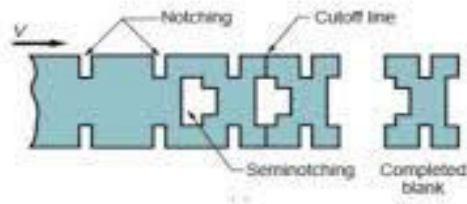
CUTOFF VS PARTING



5. NOTCHING

Notching

- Notching involves cutting out a portion of a metal from the side of sheet or strip.
- Semi notching removes a portion of a metal from the interior of the sheet.



6. LANCING

Lancing

- ▶ Creating a partial cut in the sheet, so that no material is removed. The material is left attached to be bent and form a shape, such as a tab, vent, or louver.



Review question (10 marks)

1. List the 6 shearing process?

(3 marks)

2. Differentiate between Punching and Blanking?

(2 marks)

3. Define Notching?

(2 marks)

4. Sketch the Lancing process?

(3 marks)