

HEALTH AND SAFETY - RISK ASSESSMENTS

V.Ryan © 2000 - 2014

On behalf of The World Association of Technology Teachers

W.A.T.T.



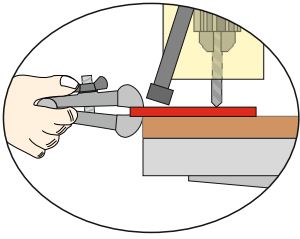
World Association of Technology Teachers

This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

THESE MATERIALS CAN BE PRINTED AND USED BY TEACHERS AND STUDENTS.
THEY MUST NOT BE EDITED IN ANY WAY OR PLACED ON ANY OTHER MEDIA INCLUDING WEB SITES AND INTRANETS.
NOT FOR COMMERCIAL USE.
THIS WORK IS PROTECTED BY COPYRIGHT LAW.
IT IS ILLEGAL TO DISPLAY THIS WORK ON ANY WEBSITE/MEDIA STORAGE OTHER THAN www.technologystudent.com

HEALTH AND SAFETY - RISK ASSESSMENTS

V.Ryan © 2014 World Association of Technology Teachers



When drilling thin materials such as sheet steel and perspex, it is necessary to secure the work in vice, or to clamp it down.

Complete the table below by identifying the risk level and any necessary control measures.

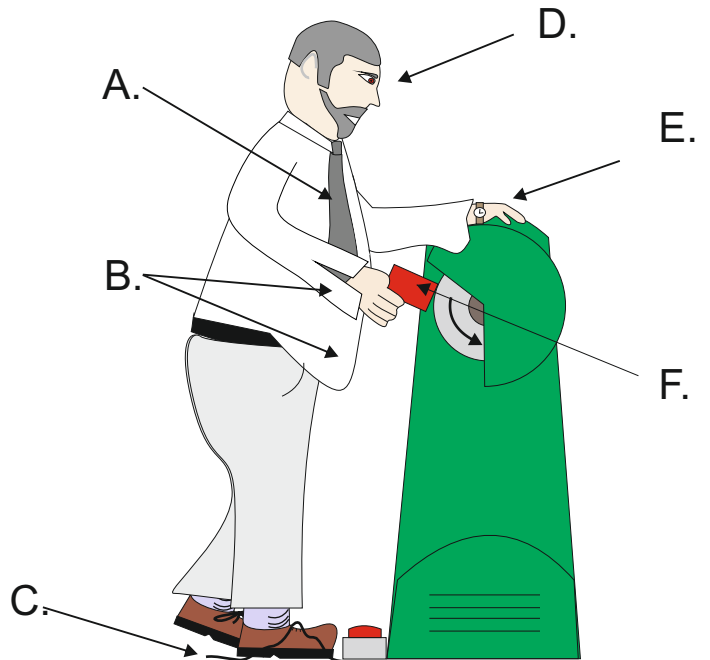
| HAZARD | RISK - LEVEL | CONTROL MEASURE(S) |
|---|--------------|--------------------|
| <p>When holding sheet material in the hand whilst drilling, the materials can be gripped by the drill bit and spin round at high speed. It is possible for the sheet materials to 'fly' in any direction at high speed.</p> | | |

Study the buffing machine / polishing machine seen opposite.

Identify two hazards.

In your opinion, what is the level of risk for each of the hazards.

What could be the control measures for each hazard / risk?



| HAZARD | RISK - LEVEL | CONTROL MEASURE(S) |
|--------|--------------|--------------------|
| | | |
| | | |

HEALTH AND SAFETY - RISK ASSESSMENTS

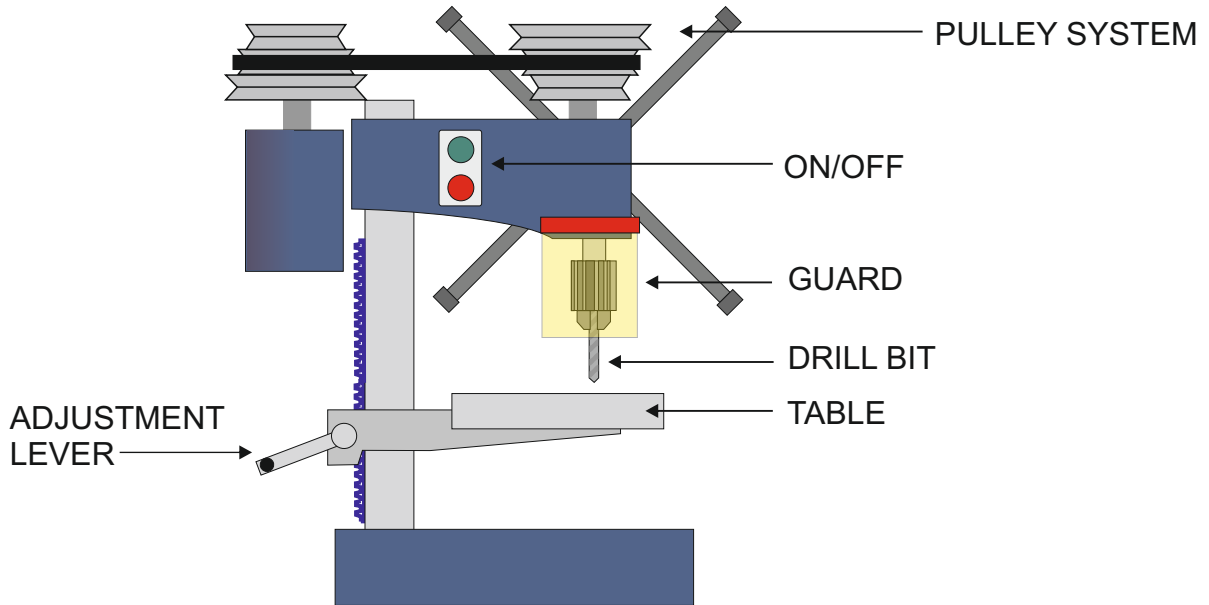
V.Ryan © 2014 World Association of Technology Teachers

Carefully study the bench top machine drill (seen below).

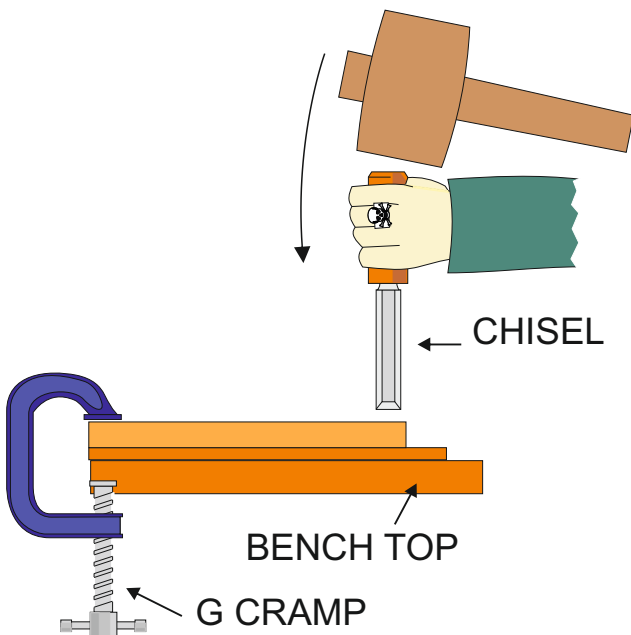
Identify the hazard, relating to the belt system / pulley system.

In your opinion, what is the risk level?

Describe control measures that could be applied to minimise the hazard/risk.



| HAZARD | RISK - LEVEL | CONTROL MEASURE(S) |
|--------|--------------|--------------------|
| | | |



Carefully study the chiselling process (seen opposite). You may need to research marking out and cutting finger joints / dovetail joints.

Identify the hazards, relating to the chiselling process.

In your opinion, what is the risk level for each of the steps?

Describe control measures that could be applied to minimise the hazards/risks.

Record your findings in a table.