Name: Jack Magive

A level Engineering

End of chapter 9, unit test.

Time: 30min

Total marks: 28

or material . This will be to a will a little was existed and and

Q1A: What does COSHH stand for? (1 mark) (ontrol of Substances Harardons to Health
B: Give two examples of substance which would be covered by COSHH guidance and state a control measure for each. (4 marks)
Substance Astrong acid
Control measure Keep in original pockaging to avoid it dissolving any new containers
you may put it in
Substance Spray Paint
Control measure Use a gos mask (or use is a vell-vertilated area) to avoid weathing is
funes.
Q2: The UK has several pieces of legislation in place to protect both workers and consumers. Discuss how an engineer might apply these legislations to the production of a new item, using examples to support your answer (8 marks) Firstly British Standards. The British Standards compose a number of reconverdations
nunt have chitex attached to che this live could have I him of furniture
must have sticked attached to show their five sufety level. This night lead the enquieer of a sefe to ensure that they be using five proof nationals. The Food
Standards A uthority also comes under this which night lead the enquieer making
a chapping board to we arti-nicroleial naterials or faisher.
Next Provision of Work Equipment Regulations, There are set for the safety of
wortplace equipment, and includes begishation about logging of equipment repairs
and maintenance. This night lead to a pillar dil money engineer weating
more thorough downertation, and including a space on the pillor drill to record
numerance dones.
Could also have discussed consumer ristly act.

: Define the following terms:

Hazard A harrard is athing that can go wrong in the workshop. For example, a ctudents fingers may get tropped in the quastlona bett sander. (1)

Risk The risk is a product of the litelihood and the severity of any gives harard.

(1)

Control measure A control measure is a thing done to reduce the litelihood (and thus risk) of a given harard occurring, (1)

Q4: The image shows a pillar drill in a classroom. On the following page, create a risk assessment for it's use in an A-level making task where it will be used for creating holes in sheet aluminium. In your answer, cover three different hazards. Your risk assessment can be produced in portrait or landscape. (12 marks)

- # Figes touch bit.
- Hair/Tie in beit
- Electrical/Installation Fault.



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