Профессия: «Оператор-наладчик металлообрабатывающих станков»
Machine Tool Setter/Operator



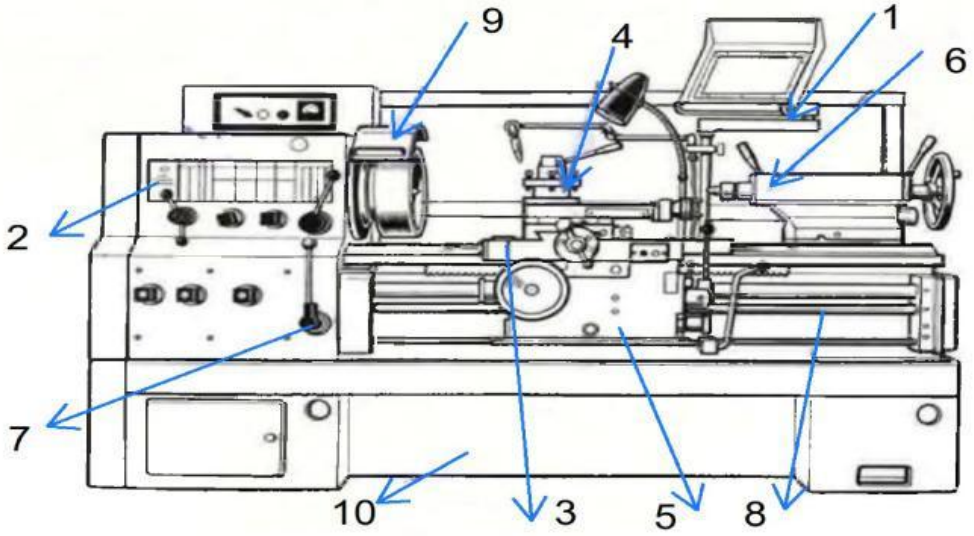
Task 1. Match the term and its definition

Machine name	Definition
1. Lathe	A. Used to produce very flat and smooth surfaces on a workpiece.
2. Milling machine	B. Used to create round shapes, threads, or holes by rotating the workpiece against a cutting tool.
3. Grinding machine	C. Used to make precision holes and sometimes to tap threads.
4. Drill press	D. Used to cut gears and slots by rotating a multi-tooth cutter.

Task 2. Label the machine parts:

guard	**headstock**	**tailstock**	**carriage**	**control panel**	**tool post**	**bed**

chip pan	**apron**	**chuck**



Task 3. Reading blueprints
Decipher the abbreviations used in the technical documentation and write down the translation:

1. **CAD** - Computer-Aided Design (_____)
2. **CNC** - Computer Numerical Control (_____)
3. **dia.** or ⌀ - Diameter (_____)
4. **R** - Radius (_____)
5. **Tolerance** - (_____)
6. **RPM** - Revolutions Per Minute (_____)

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Task 4. Safety rules

Read the safety rules. Put P (Permissible) or NP (Not Permissible) next to each statement.

1. Wear safety glasses at all times in the workshop. _____
2. Wear loose clothing or gloves while operating a rotating machine. _____
3. Remove chips (swarf) with a brush, not by hand. _____
4. Inform the supervisor immediately if the machine is damaged. _____
5. Adjust the workpiece or tool while the machine is running. _____

Task 5. Grammar: Imperative Mood

Цели использования повелительного наклонения:

- давать инструкции или указания, давать советы;
- просить что-то сделать;
- выражать пожелания, предлагать;
- предупреждать;
- приглашать;



В этом наклонении не может быть никакого подлежащего, но может быть обращение, которое ставится либо в начале предложения, либо в конце и отделяется запятой.

Особенностью этого наклонения можно считать отсутствие изменения времен глагола. **Глагол остается в инфинитиве без частицы to**, но если вам надо показать изменение времени, то в конце обычно добавляют слова-ключи.

The machine setup instructions are written in the wrong order. Arrange the sentences to form a logical sequence of the operator's actions.

A. Set the correct spindle speed (RPM).
B. Turn off the machine and remove the finished part.
C. Secure the workpiece in the chuck.
D. Press the "Start" button and begin the cutting process.
E. Mount the required cutting tool into the tool post.

Task 6. Fill in the dialogue

Insert the missing phrases into the dialogue between the operator and the foreman.

Phrases to insert:

a) the alignment is off
b) change the cutting insert
c) What's the problem
d) Check the coolant level



Foreman: Hey, Mike. The lathe is making a strange noise.
(1)_____?
Operator: I think the tool is worn out. I need to (2)_____. Also, the surface finish is rough.
Foreman: Did you check the alignment?
Operator: Yes, (3)_____. I'll readjust it.
Foreman: Good. And before you start again, (4)_____. It looks low.

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