

MATERI Procedure Text

How to Operate Lathe Machine

Tools and Equipment:

Lathe Machine
Vernier Calipers
Tools
Chuck Keys
Tool Keys
Metal Brushes
Safety Equipments

Materials:

Object/Raw Material
Coolant
Oil (Lubricants)

Turning Steps:

1. **First**, switch on the lathe machine,
2. **Second**, install tightly the object into independent chuck,
3. **Third**, install tightly the tool into the tool post,
4. **Fourth**, set up the tool as high as the machine center with rotation center installed in the tailstock,
5. **Next**, move the tool near the object by sliding the longitudinal line using the handwheel,
6. **After that**, select the spindle speed machine by changing the handle of the machine,
7. **Next**, do the feed of the object appropriate to the job sheet,
8. **Then**, check the job using the measurement tools (vernier caliper or micrometer),
9. **If done**, uninstall the object and the tool and put all measurement tools on the proper place,
10. **Finally**, clean the metal chip from the machine using metal brush,
11. **The last**, grease the parts or components of the lathe machine using lubricant as preventive maintenance,

For the tips: fill in maintenance sheet to report **before finishing the job**.

LEMBAR KERJA PESERTA DIDIK (LKPD)

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Then, check the job using the measurement tools – vernier caliper or micrometer,

If done, uninstall the object and the tool and put all measurement tools on the proper place,

Finally, clean the metal chip from the machine using metal brush,

The last, grease the parts or components of the lathe machine using lubricant as preventive maintenance,

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