

## **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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**Next**, do the feed of the object appropriate to the job sheet,

**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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