

	<p>MINISTRY OF RESEARCH, TECHNOLOGY AND HIGHER EDUCATION</p> <p>UNIVERSITAS NEGERI JAKARTA JAKARTA</p> <p>FACULTY OF MATHEMATICS AND NATURAL SCIENCES</p> <p>Hasyim Asjari Building, Campus A UNJ Rawamangun Jl. Rawamangun Muka, East Jakarta 13220 Tel/Fax 021-4894909</p>	<p>WORK INSTRUCTION (IK)</p>	
		<p>MUFFALE FURNACE THERMOLINE T600</p>	
		<p>No. Document</p>	<p>IK FU 02/LF/2022</p>
		<p>Edition</p>	<p>01</p>
		<p>Revision</p>	<p>01</p>
		<p>Is effective</p>	<p>February 2022</p>
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1. Objective

This instruction is needed as a guide in operating the muffle furnace to avoid equipment damage and work accidents.

2. Scope

- This work instruction covers the operation of the muffle furnace .
- Things that should not be done while the tool is operating/working.
- Things to do when you finish work .

3. Reference

Muffle Furnace Thermoline T600 manual .

4. Executor

related PLP.

5. Definition

A **furnace** or also often called a **combustion stove** is a device used for heating .

6. Tool Image



Parts of the Muffale Furnace:

- Display Set : To set the desired temperature.
 Screen Display : To display the temperature that has been set.
 On/Off Switch : To turn the furnace off and on.

7. Work Instructions

- 7.1. Open the muffle door, insert the cup filled with the material to be heated into the muffle.
- 7.2. Close the muffle door.
- 7.3. Turn the switch to "ON".
- 7.4. Turn on the muffle by pressing the "ON" button.
- 7.5. Set (set) the desired heating temperature by pressing the "SET" button.

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- 7.6. After finishing heating, turn off the muffle by pressing the “OFF” button.
- 7.7. Leave it for some time or leave it overnight until the muffle temperature is the same as the ambient temperature.
- 7.8. Remove the material from inside the muffle.
- 7.9. Make sure the muffle power cord is not connected to a power source.

8. Muffle Furnace Maintenance

After completion of use, clean the muffle immediately so that the parts of the muffle do not rust easily. Clean the muffle by wiping the muffle parts with alcohol.

9. During Muffale Furnace Operation

- Do not open the muffle furnace door
- Do not touch the surface of the muffle furnace except the door handle
- It is forbidden to press the button while the tool is working
- No joking while operating the muffle furnace
- Stay away from power sources when the tool is working

10. Endorsement

	Name	Position	Signature	Date
Made by	Nurdi Akbar, S.Pd Muhammad Fajrin S, ST Wulandari Fitriani, M.Pd Muhammad Fajri Z, S.Si Asidiq Saputra, S.Si	Educational Laboratory Institutions		
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