



University of Mosul
college of Engineering
Mechanical Department

Material testing laboratory

Laboratory objective

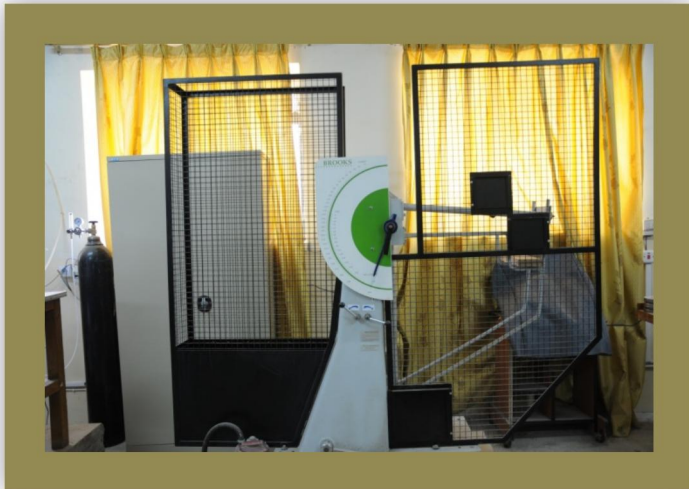
The laboratory specializes in conducting mechanical tests as well as thermal transactions of metals by conducting experiments for students in the second, third and fourth stages, as well as for graduation projects, postgraduate research and engineering consultations.

Main laboratory equipment

- 1- Tensile test m/c
- 2- Universal hardness testing m/c
- 3- Impact test (Izod-charpy)
- 4- Electrical muffle furnace up to (1200 °C)

Names of experiments

- 1- Hardness test
- 2- Tensile test
- 3- Impact test
- 4- Hardenability test
- 5- Strain hardening exponent
- 6- Anisotropic plasticity ratio



Laboratory workers

Certificate and specialization	the important	the name	ت
PhD in Mechanical Engineering	Lab supervisor	Ass.Prof.Dr. Anas Obaid	.1
Bachelor's degree in Mechanical Engineering	Laboratory technical officer	Ayad abdulkader mohammad	.2
Master's degree in Mechanical Engineering	Laboratory experiments for the second phase	Teacher Mohammad Shaalan	.3

Master's degree in Mechanical Engineering	Laboratory experiments for the first phase of mechatronics	Teacher Ahmed Saadoun	.4
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