



Sajjad Hassan Nasser

Iraq-Najaf
07832592985 | sajjad_hasan@hilla-unc.edu.iq

Date of birth: Oct 16,1992

Education

2018	B.Sc. Mechanical Engineering	University of Babylon
2023	M.SC Applied Mechanics	University of Babylon

Experience

2017	Al-Haidariyah Gas Power Plant
Position	Work within Joints and terminations of cables
2022	Al Ataa Technical garage
Position	Working in light vehicle maintenance.
2023	Raban Al Safina company
Position	Working within the design department.
2023	Al-Bilal & Baker Hughes Company
Position	Working in gas turbine maintenance at Basra Gas Company BGC in Khor Al Zubair
2024 -2026	University of Hilla
Position	Asst.Lect at College of Engineering Technologies

Training courses

- ▶ Al-Haidariyah Gas Power Plant\Operation Department
- ▶ Al-Hussein Shrine - Al Ataa Technical garage

Skills

- ▶ Working on lathe and milling machine
- ▶ Working on CNC machine ERMAKSAN
- ▶ Microsoft Office
- ▶ Autocad-2D
- ▶ Heat treatment of metals
- ▶ Working on bending sheet machine
- ▶ SOLIDWORK

Certificates

- HSE Occupational Health, Safety and Environment from the Iraqi Engineers Union / Babylon Branch
- Design and supervision of the implementation of medical gas networks
- Participated in several online scientific seminars

Publications

Paper Publication in Journals

- ▶ Surface hardening effect on the fatigue behavior of isotropic beam. *Diagnostyka*, 2022, 23.3.
- ▶ Experimental Study On Notch Shape And Liquid Carbonitriding Specimens Under Bending Loading. (*Jurnal Teknologi (Sciences & Engineering)*, 87(2), 373-380, 2025).

Papers Presented in Scientific Conferences

- ▶ Carbonitriding Effect on Fatigue Behaviour and Mechanical Properties of Steel Beam. IOP Conference Series: Earth and Environmental Science. Vol. 1259. No. 1. IOP Publishing, 2023.
- ▶ Pack carburizing effect on fatigue behavior of steel beam at different soaking time. *AIP Conf. Proc.* 22 December 2023; 2977 (1): 020064