Reg No. 2014130

Huzaifa Asif

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Objective

To utilize and further nurture my skills in an innovative way that will benefit both self and the organization to help achieve specified goals.

Education

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI) — Topi, PK
Bachelors of Science in Manufacturing Engineering — 2014 – 2018
CGPA: 2.97/4.00

Kips College Multan — Multan, PK
Intermediate-H.S.C., Pre -Engineering. — 2012 – 2014
Result: 77%age,Grade A

Noukhez Public High School — Multan,Pk
Matriculation-S.S.C., Electrical wiring. — 2010 – 2012
Grades: 89%age, Grade A+

Work Experience

Intern, Agha Steel Industries, Karachi — Summers 2016-17
Worked in different departments (LRF, EAF, Maintenance, Quality Control etc)
- Learnt how to get the desired composition by adding or removing element on LRF.
- Learnt how to tackle a situation if furnace gets leaked.
- Learnt how to remove or see defects in billets

Final Year Project

Indigenous Development of Ni-Ti based Super Elastic Arch Wires
Developed a nitinol arch wires by using reverse engineering process on first nitinol drawing machine in Pakistan.
Achievements:
- Reduced the cost of nitinol arch wires from Rs.1000 to Rs.350.
- Provided a lab facility to our faculty.
- Preformed tests and results show that nitinol arch wire is better than stainless steel.
- Applied problem solving techniques in real time on project by ordering, comparing, contrasting, evaluating and selecting.

Academic Projects

Study the Effect of Different Quenching Mediums on Microstructure of Mild Steel
- Used three quenching medium (oil, brine solution and sand at 200 Celsius).
- Analyzed the microstructures by using light microscope.

Manufacturing of Jaguar Logo and Analyze the Defeats
- Manufactured by using sand and CO2 casting techniques.
- Analyzed the defects that were occurred during casting.

Manufacturing of Ni-Ti alloy
- Manufactured 5g Ni-Ti Alloy of composition 70 wt% Ni and 30 wt% Ti.
- Analyzed its microstructures by using light microscope.

Phase analysis of ball bearing steels
- Analyzed the phase or crystallography by using X-ray diffraction (XRD).

Manufacturing of copper matrix silica carbide composite by sintering process
- Manufactured a composite of (CuSiC) from their powders by using conventional pressing.
- Analyzed its porosity, densification, micro-structures and hardness.

Award & Achievements

- Vice President Operations, GIKI Mathematics Society (GMS),organized an event named APMO 2017.
- Liaising Team Head, All Pakistan Mathematics Olympiad (APMO) 2015-16.
- Sponsorship Team Head, SOFTCOM 2016 (ACM GIKI Chapter).
- Tech Team Head, Mat Tech 2016 (ASM GIKI Chapter).
- Invited as a motivational speaker in Kips College 2015.

Skills

- Proficient in MS word and Creo parametric software.
- Know how to achieve the desired microstructure by heat treatment process.
- Leadership, Managerial, and Coordinator skills.
- Problem solving, Critical thinking, Time management.
- Goal oriented, Future focused, Resilient, Creative.