

Muhammad Ihsan

Production Technician

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SUMMARY

- Currently thriving as a Production Technician Operations at Emirates Global Aluminum (Al Taweelah Aluminum Refinery).
- Boasting 1 year of impactful experience at TOTAL Energies in JAFZA Dubai under a contract with DulSCO.
- With 3 years of valuable experience in the UAE, Served as a Production Supervisor and Maintenance In-Charge in a dynamic Grease and Lubricants Manufacturing Company in Hamriyah Free Zone, Sharjah.
- Proud to have spent 2 years in Pakistan as a Mechanical Supervisor at Interloop Pvt Ltd in Faisalabad, specializing in preventive maintenance, overhauling, standardization, troubleshooting, fault diagnosis, program changes, parts repair, and machine alignment.
- Expert in identifying a diverse range of oils, including Recycled, Virgin, Gear Oil, ATF, Hydraulic, Monograde, and Multigrade oils.
- Skilled in crafting various types of greases—Lithium, Multi-Purpose, Lithium Complex EP, Moly Grease, Lithium Calcium, Calcium Complex, Multi-Complex, and Multi-Complex Moly—tailored to meet customer needs with precision across different NLGI grades.
- Experienced in producing Brake Fluid and Antifreeze Coolants.
- Possessing thorough knowledge of ASTM grease test methods, such as the Cone Penetration Test (ASTM D-217A) and Drop Point Test (ASTM D-2274).
- Adept at utilizing SCADA to operate autoclaves, cooking kettles, cooling kettles, and dopers.
- Competent in maintaining cutting-edge equipment related to lubricants and greases, including filling machines, labelling machines, capping machines, induction machines, can printers, carton packing machines, carton printers, strapping machines, shrink-wrapping machines, automatic seaming machines, pail filling machines, drum filling machines, and label gallery machines for drum labels.
- Well-versed in the art of changeover for automatic seaming machines, seamlessly accommodating various diameters and top types (easy open or plain tops).
- Experienced with grinders, drills, cutters, welding equipment, lathes, valve installation and repair, pump repair.
- Conducted a thorough audit of critical valves, high-pressure steam valves, and scaffolding, ensuring top safety and compliance standards.
- Proficient in split A/C and single-phase electrical work, excelling in installation and services.
- Knowledgeable about spare parts for knitting machines and lubricant-related equipment.
- Strong grasp of the production planning process.
- Demonstrating excellent man-management skills.
- Dedicated to crafting insightful daily production reports.
- Proficient in ERP software, specifically SAP, and SCADA, DCS, MS Office 365.

PROFESSIONAL WORK EXPERIENCE

Emirates Global Aluminum (Al Taweelah Aluminum Refinery)

Production Technician Operations

Feb '21 — Present, Abu Dhabi U.A.E

Responsibilities:

- Each day begins with an empowering toolbox meeting where we focus on safety, align our priorities, and collaboratively allocate our tasks, setting the stage for a productive day ahead.
- Each day, we take charge, confidently ensuring the safe and efficient operation of our area and the equipment that supports our success.
- Embrace the routine of caring for our equipment and collecting process samples for lab analysis, knowing that every effort in cleaning areas with a high-pressure hose.
- Conducting area inspections to proactively identify and eliminate any safety hazards.
- Execute routine tasks, including the manual lubrication, opening, and closing of valves.
- Train new team members as we confidently navigate the process together.

- Leading training sessions for subordinates on plant operations and equipment performance.
- Exploring the intricacies of Piping and Instrumentation Diagrams (P&IDs), Process Flow Diagrams (PFDs), and the process control.
- We are effectively implementing and executing Permit to Work (PTW) procedures through the SAP and E-Permitting systems.
- Embracing the power of 5S and a visual management system for a brighter, more organized future.
- Implementation of lean operation principles
- Confidently handle high-pressure digestion units, jacketed pipe units, pressure vessels, positive displacement pumps, centrifugal pumps, condensers, evaporation units, heat exchangers, vacuum pumps, steam jet ejectors, chemical storage, waste chemical neutralization, and ball mills. I am fully capable of leading both major and minor shutdown and startup activities with expertise and precision.
- Always following the (SOPs) and Task Risk Assessments.
- Coordinates with PTW system with permit issuing

Total Energies Jabal Ali Free Zone (U.A.E-Dubai)

Production Executive

Nov '19 — Jan '21 Dubai U.A.E

Responsibilities:

- Prepare monthly reports of KPI's of the plant and presentations on Key highlights.
- Prepare raw materials and finished product movement analysis report.
- Planning of Finished Products production schedule based on the confirmed orders.
- Confidently oversee all operational and processing activities of the entire plant, providing regular updates to the Production Manager.
- Production planning empowers us to achieve our goals, fulfilling customer requirements and satisfaction while staying on schedule.
- Optimizing man & machine utilization to achieve preset production targets.
- Responsible for processing and providing practical DCS solutions to day-to-day engineering problems.
- Troubleshooting and emergency handling of a DCS plant. Evaluate, select, and monitor the performance of additives, inhibitors, catalysts, and chemicals which are involved in the installation and commissioning of new units and new products.
- To develop operating procedures for the plant and new facilities.
- Responsible for the operation of plant utilities such as, Air Compressors, Chiller, Boilers.
- Developing new process concepts for production optimization, yield improvement and develop guidelines for the sequencing of manufacturing activities on the shop floor.
- Took charge of preparing the grease batch by carefully following a specific recipe, and handling the filling and packaging operations.

Atlantic Grease& Lubricants Manufacturing Company (UAE)

Production Supervisor & Maintenance In charge

Sep '16 — Oct '19 Sharjah, U.A.E

Responsibilities:

- Coordinate and follow up the execution of corrective and breakdown maintenance when required.
- Follow up the implementation of standard operating procedures (SOP's) and work instructions in the Filling and packaging and in forklift operations and raise any violations.
- Check all details of a particular Job Order including production and expiry dates, oil batch number and other codes and format to be printed on the finished goods before starting the job.
- Check the conformity of received packaging materials and oil and check the Filling parameters and raise any deviation or non-conformity.
- Follow up to ensure the proper Flushing of lines and change of filter bags to avoid mix ups and contamination before starting a new product.
- Follow up production orders and the daily filling activities in all shifts, to ensure achieving the planned output in terms of quality and quantity targets, and record batch details.

Interloop Pvt Ltd Khurrianwala

Mechanical Supervisor

Jan '13 — Nov '14 Faisalabad

Responsibilities:

- Preventive Maintenance, Overhauling, Standardization, Trouble Shouting and Fault Diagnosis, Program me changing, Parts repairing, Machine Alignments,
- Daily inspection in Socks knitting Machine work in various models FL54J, JA, JS, GL544, G626, G726, Ionati462, Santoni (shark).
- Fabricate the structure for the machine
- Good technical faults recover spirit.
- After overhauling ensure that machine is securely start
- Maintain 5s in department.
- Whenever requires works in Machine shop work on Lathe, Drill, Grinder.

EDUCATION VITALITY

Preston University (GPA: 3.2)	Faisalabad, Pakistan
• Bachelor of Technology in Mechanical Engineering	
Punjab Board of Technical Education (73%)	Lahore, Pakistan
• Diploma of Associate Engineer in Mechanical Engineering	
Board of Intermediate and Secondary Education, Faisalabad	
• Matriculation with science	Faisalabad, Pakistan

CERTIFICATIONS

GPON FTTH Optical Fiber , PTCL Training Centre Lahore	Sep '24
Fire Safety Training , Valpas Consultancy Services	Oct '19
Solid works CAD Fundamentals , EDX Solid Works	Oct '23
LOTOV awareness , Emirates Global Aluminium	Nov '22
Hot work operation , Emirates Global Aluminium	Jan '22
Lifting and Rigging operations , Emirates Global Aluminium	Feb '22
Confined Space Entry , Emirates Global Aluminium	Mar '22
Beat the Heat awareness , Emirates Global Aluminium	May '24
Caustic awareness , Emirates Global Aluminium	Feb '21
Enterprise Risk Awareness , Emirates Global Aluminium	Nov '21
Mill Reline Machine Familiarization , Russell Mineral Equipment Pty Ltd	Mar '22
Excel for Everyone, Core Foundation, University of British Columbia	Oct '22
5S Methodology, Vector Solutions	Apr '24
Fire Fighting Awareness , Emirates Global Aluminium	Oct '24
PTW System , Emirates Global Aluminium	Aug'25
Project Management Professional , LinkedIn Learning	Mar'25
Lean Six Sigma Foundation , LinkedIn Learnings	April'25
Occupational Safety and health: Slip, Trip and Fall , LinkedIn Learning	Mar'25
Issuing Authority PTW system , Emirates Global Aluminium	Sep'25

AWARDS

5'S	Dec'25
5s certified for my operation area (Emirates Global Aluminium)	

PROJECTS

Tamayaz project, Emirates Global Aluminium Link	Feb '24 — Mar '24
	Abu Dhabi, United Arab Emirates
● Tamayaz Projects in Refinery regarding Valves grinding and proven for Isolation.	
● Commissioning and startup operations for the Ball Mill 3 project, aimed at initiating production activities.	August - 2025

SKILLS

Technical Skills Production Technician, Preventive Maintenance, Overhauling, Trouble Shooting, Fault Diagnosis, Machine Alignments, Parts repairing, Grease & Lubricants Manufacturing, Refinery Operations, Heat exchangers, Positive displacement pump, Digestion operation, Evaporation operation, Ball Mill Operation, Centrifugal Pump Operation, Valves operation, Hydraulic valve Grinding for Proven and isolation, Valve gland packing, Spool rotation, Spool removal, Autonomous Maintenance activities.

Lubrication Knowledge Identify different types of oil, cook different types of Greases, Make Brake Fluid and Antifreeze Coolants, ASTM Grease test methods knowledge

Machinery Operation Filling Machine, Labeling Machine, Capping Machine, Induction Machine, Carton packing machine, Shrink Wrapping Machine

Maintenance Skills Installation and Services of Split A/C, Single-Phase Electrical works, Spare parts of Knitting Machines, Welding, Lathe

Software Proficiency– SAP, Scada DCS, MS Office (Word, Excel, Power point, Power BI and Visio), U2 Messenger pro software, label Gallery software, Solid works, Adobe Photoshop,

REFEREES

REFERENCE IS AVAILABLE UPON REQUEST.....