

Akash Datta Gaikwad

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Room No. 654, Jari Mari Marg, Ambedkar Nagar, Diva Naka, Rabale 400708

Objective

To excel in a dynamic and challenging environment, utilizing my expertise in quality control and analytical testing to drive organizational success and innovation.

Professional Experience

2024 Present

Gandhar Oil Refinery, Talaja MIDC

QC Executive

- Conduct analytical tests following standard Quality Control (QC) procedures and manufacturing SOPs.
- Operate and maintain instruments: Stabinger Viscometer, BDV Tester, Tan Delta, FTIR, UV Spectrophotometer.
- Perform finished product testing, including Alkalinity, Penetration, Drop Point, Copper Corrosion, Flash Point, Pour Point, and RCS.
- Execute chemical QC testing for raw and packaging materials.
- Prepare detailed laboratory reports and test data sheets for finished goods.

2021- 2024

Nandan Petrochem Ltd., Talaja MIDC

QC Chemist

- Tested lubricants, base oils, additives, and finished products for quality assurance.
- Conducted performance tests: Four-Ball Weld Load, Drop Point, Copper Corrosion, Oil Separation, Roll Stability, Oxidation Stability, Water Washout, and Extracted Base Oil Viscosity.
- Managed laboratory inventory and ensured precise documentation of test results.
- Verified batch compliance with client specifications and quality standards.
- Proficient in testing Mineral Oil (Pharma Grade, Technical Grade, Transformer Oil), Automotive & Industrial Lubricants, Specialties, and Greases.
- Operated under ISO Quality System and NABL-accredited quality systems.
- Applied SOPs based on IS, ASTM, IP, BP, USP standards and ASTM methods (D445, D664, D1500, D4052, D1298, D1401, D92, D93, D94, D130, D129, D566, D892, D974, D2896B, D874, D1263, D1264, D7042, D2265, D2266, D611, D217, D937, D938).

2019-2021

Bhabha Atomic Research Centre (BARC)

Laboratory Support Staff

- Supported analytical testing and laboratory operations under senior scientists guidance.

- Operated instruments including UV Spectrophotometer, HPLC, Karl Fischer Titrator, and ICP.
- Maintained accurate daily logs and contributed to technical reports and lab documentation.

2017 - 2019

KDMC Water Treatment Plant, Kalyan

Chemist

- Conducted water quality and safety testing to meet regulatory standards.
- Performed water analysis for TDS, Chlorine Dose, and PVC Dose.
- Maintained chemical dosing logs and ensured compliance documentation.

Technical Skills

- **Grease Manufacturing:** Lithium, Lithium Complex, Sodium, Calcium Sulfonate.
- **Oil Testing Expertise:** Transformer Oils, White Oils, Base Oils, Cutting Oils, Industrial Oils, HLP, LLP Pharma Grade Oil.
- **Laboratory Instruments:** UV Spectrophotometer, HPLC, Moisture Meter, Karl Fischer Titrator, pH Meter.
- **Petroleum Jelly Types:** White Petroleum Jelly, Yellow Petroleum Jelly, Petroleum Waxes.

Education

- B.Sc. in Chemistry University of Mumbai, Maharashtra, 2016.
- H.S.C. Maharashtra State Board, 2013.
- S.S.C. Maharashtra State Board, 2011.

Computer Skills

- Proficient in MS Office Suite (Excel, Word, PowerPoint).
- Experienced with SAP.

Strengths

- Effective communication and interpersonal skills.
- Strong team collaboration and leadership abilities.
- Dedicated and proactive with a positive attitude.
- Extensive knowledge of quality standards and analytical testing.

Personal Details

- **Date of Birth:** 01 March 1993.
- **Languages Known:** English, Hindi, Marathi.

- **Hobbies:** Trekking, Watching and Playing Cricket.

Declaration

I hereby declare that all information provided is accurate and true to the best of my knowledge.

Akash Datta Gaikwad