



KUMARAN S

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Skills

- Internal audits IS/ISO/IEC 17025:2017
- Laboratory Quality management system
- SOP development

Personal Details

Date of Birth: 13/05/1991

Nationality: Indian

Marital Status: Married

Passport: R7315107 valid upto 11.01.2028

Experienced analytical chemist with a Bachelor's degree and over a decade of experience, along with a Master's degree and five years of expertise in the Petroleum and Fertilizers industry. Skilled in conducting complex chemical analysis and interpreting results to drive process improvements and ensure product quality. Demonstrated success in implementing innovative solutions to enhance efficiency and meet industry regulations. Passionate about utilizing skills and knowledge to contribute to the success of a dynamic organization in need of a dedicated professional.

WORK EXPERIENCE

Senior Quality Control Analyst

CHENNAI PETROLEUM CORPORATION LIMITED,
CHENNAI, TAMILNADU,
INDIA

July 2022 - Current

- July 2022 to present as Senior Quality Control Analyst
- Interpreted test results by comparing to established specifications and control limits, making recommendations on appropriateness of data for release.
- Developed and implemented procedures to meet product quality standards.
- Performed tests and inspections to conform to established standards.
- Performed routine maintenance and calibration on testing equipment.

Junior Quality Control Analyst

CHENNAI PETROLEUM CORPORATION LIMITED,
CHENNAI, TAMILNADU,
INDIA

October 2017 - June 2022

- October 2017 to June 2022 as Junior Quality Control Analyst
- Inspected raw materials and finished products to verify quality and disposed items that did not meet safety requirements.
- Inspected incoming products for adherence to labeling laws and company quality standards.

Lab Analyst

MADRAS FERTILIZERS LIMITED, CHENNAI,
TAMILNADU, INDIA

November 2015 - September 2017

- November 2015 to September 2017 as Lab Analyst
- Prepared and validated buffers and in-house reagents, calibrators, and controls in advance of laboratory testing and analysis orders.
- Prepared samples for analysis by performing complex sample preparation tasks.

Lab Analyst Trainee

MADRAS FERTILIZERS LIMITED, CHENNAI,

November 2013 - October 2015

TAMILNADU, INDIA

- November 2013 to October 2015 as Lab Analyst Trainee
- Prepared samples and assisted laboratory personnel in performing qualitative and quantitative analysis using analytical instruments, techniques and methods.
- Performed testing and quality control using approved laboratory procedures and instrumentation.

EDUCATION

UNIVERSITY OF MADRAS at Chennai, India, INDIA

Master of Science in CHEMISTRY November 2019

UNIVERSITY OF MADRAS at Chennai, India, INDIA

Bachelor of Science in CHEMISTRY May 2011

Training

Laboratory Quality Management System & Internal Audit as per IS/ISO/IEC 17025:2017 at Bureau of Indian standards (BIS) NITS Chennai.

JOB PROFILE

- Complete analysis of LPG, Naphtha, Motor spirit, SK, ATF, HSD, LUBE BASE STOCK, Fuel Oil & BITUMEN.
- Hydrocarbon (Gas) analysis at various stages
- Intermediate products
- Process samples
- Water analysis, RO analysis their composition.
- Experience in using Chromatography, Spectrophotometry and Titration for Qualitative and Quantitative analysis
- Chemical Analysis of all Raw Materials, Process Chemicals, Intermediate Process Control Samples and finished products.
- Development of All Analytical Methods.
- To prepare SAP entry and Creation of work order.
- Reviewing the test results and preparation of quality certificates for finished petroleum products.

Utilized following laboratory Instruments

- Distillation as ASTM D-86 (ADU) Antonpaar Diana700 & Optidist by PAC
- Micro distillation as ASTM D7345(ADU) by PAC
- SIMDIST as ASTM D7213 by Agilent 7890B
- Sulphur in Petroleum D4294 EDXRF by Oxford LabX3500CL
- DHA(PIONA) analysis for lower density products like Naphtha ATF and MS (Petrol) D6730 by Agilent 7890A
- ASTM D1160 VACCUM DISTILLATION by PILODIST

- Standard RGA by Agilent 7890A
- CFR Engine equipped with XCP technology for performing RON (ASTM D2699) and MON (ASTM D2700)
- CFR Engine equipped with XCP technology for performing CETANE rating (ASTM D613)
- ICP OES ASTM D5185

References

- Mr.BALAGURU M, Manager (QC LAB), 0442943544, CPCL MANALI CHENNAI, CHENNAI
- Mr.ARUN PRAKASH, Asst Manager (QC LAB), 0442943544, CPCL MANALI CHENNAI, CHENNAI