

Jess N George

To strive for excellence and to work hard towards a challenging position that will enable me to continuously learn, create, innovate and simultaneously contribute to the short- and long-term goals of the organization effectively using technological and managerial skills

EDUCATION

- **NEBOSH International General Certificate in Occupational Health and Safety** 2022
- **Post graduate diploma in plastic processing and testing** 2015 -2017
CBPST KOCHI, A unit of CIPET
- **BSc Industrial chemistry** 2012-2015
Mahatma Gandhi University

EXPERIENCE

- **Grade Engineer** 2020-Present
VERA display and storage products Pvt. Ltd. Palakkad
 - Handling overall responsibilities of processing, quality, and raw material purchase.
 - Perform analysis of raw material samples according to analytical procedures, SOPs, and laboratory guidelines in an accurate and timely manner.
 - Documentation of ISO 9001:2015, ISO 14001, and ISO 45001.
 - Excellent troubleshooting skills and the ability to ensure that processes and products consistently meet established quality standards
 - Developed and conducted training for employees.
 - Developed and Implemented SOPs and Risk assessments.
 - Collaborating with managers and supervisors to implement quality measures.
 - Monitor production closely and ensure the raw material is on time by continuous follow-up.
 - Supervising formulations and compounding.







CONTACT

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SKILLS

- Microsoft Excel
- Microsoft word
- Powerpoint presentation
- Knowledge of Regulatory Organizations
- Research & Development
- Gathering & Interpreting Data
- 7QC tools
- PVC formulations and compounding

LANGUAGES

- English  100%
- Hindi  100%
- Malayalam  100%
- Tamil  50%

TECHNICAL PROFICIENCY

• Analytical/ Testing Instruments

Universal Testing Machine (UTM),
Oscillating Disk Rheometer (ODR), Moving
Die Rheometer(MDR), Impact Tester,
Differential Scanning Calorimeter (DSC),
Thermogravimetric Analyzer (TGA), Gas
Permeability Tester (GPT), Water Vapour
Transmission Rate Tester (WVTR), Optical
Microscopy, UV-VIS Spectrophotometer,
Fourier Transform-IR Spectrometer,
Moisture Analyzer

• Product Testing Instruments

Hydrostatic Pressure Tester, Dart Impact
Tester, Pipe Impact Tester, Vicat Softening
Point / Heat Deflection Temperature Tester,
Melt Flow Index, Opacity Tester, carbon
black content

• Polymer Processing Machines

KOLSITE 450 (KABRA M/C), KOLSITE 550
(KABRA M/C), KOLSITE 750 (KABRA M/C),
Automatic High-Speed Mixture (Neoplast),
Twin screw compounding Extruder (specific
engineering ZV 20)

REFERENCE



STAR PIPES, Thrissur
Rajeev E - 9895021234.



CIPET: IPT KOCHI
Rajesh K A,



CIPET: IPT CHENNA:
Dr. Thomas. O. Varghese



Technician

2018-2019

CIPET: Institute of Plastic Technology (CIPET: IPT)

- Identifying the work orders and carrying out the tests as per standard methods (ASTM/IS/ DIN Standards).
- Expertise in Universal Testing Machines for analyzing tensile, flexural, compression, and rupture testing of Gloves, Rubber Sandals, HDPE (Pipes and tank), PVC (pipes), films, and R&D samples (mentioned only a few)
- Technical support to the Research and Development projects carried out in Institute
- Efficiently working with all types of analytical and testing instruments related to polymer materials.
- Documentation of NABL (National Accreditation Board for Testing of Laboratories) for the testing laboratories.
- Training to students and Industrial persons on various testing equipment
- Lectures for various Entrepreneur development programs.



Quality Controller

2016 - 2018

STAR PIPES Thrissur, Kerala

- Handle overall responsibility of production and Quality.
- Establishing standards of service for customers or clients.
- Promoting Quality achievement and performance improvement throughout the organization.
- Identifying relevant quality-related training needs and delivering training.
- Setting up and maintaining controls and documentation procedures.
- Supervising technical staff in carrying out tests and checks.
- Ensuring tests are conducted as per IS Standards.