

## CURRICULUM VITAE

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### TANAAZ FARZEEN

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Educational sector: POLYMER SCIENCE & TECHNOLOGY

Status: Married

Visa : Husband Visa

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### **Career Objectives:**

To build a career in a leading organization, with the aim to apply my skills and knowledge that can further help the development of the Organization.

### **Key Skills:**

- Good working knowledge of quality assurance and quality control procedures.
- Knowledge on Extrusion process and trouble shooting for HDPE pipes.
- Recognized as a quick learner with the ability to absorb, share and understand the information provided.
- Ability to work under pressure in addition with analysis, critical thinking and problem solving skills.
- Strong leadership skills, attention to details, good communication skills and proven ability to drive change and obtain results.
- Strong decision making skills with ability to respond quickly and accurately as issues arise.
- Strong ability to work well with team members and build a strong work team.

### **Educational Qualifications:**

1. **B.E in Polymer Science & Technology, Sri Jayachamarajendra College of Engineering.**  
Year of passing : 2014, Marks Scored : CGPA : **7.57.**
2. **PUC, Marimallpa PU College.**  
Year of passing : 2010, Marks Scored : **70.16 %**
3. **SSLC, Marimallapa High School.**  
Year of passing : 2008, Marks Scored : **85.60 %**

### **Organizational Experience:**

Company: JOEGEETHA PLASTIC PIPES

Designation: **Manager Quality Control.**

Manufacturers of premium quality HDPE pipes & fittings. Certified by the Bureau of Indian Standards (IS **4984: 2016**), IS **14151:1999 (Part I)** for **sprinkler pipes** & **ISO 9001: 2015.**

Work Experience: From October 8<sup>th</sup> 2014 to November 30<sup>th</sup> 2019.

### **Job Profile:**

- Conduct testing and inspection on raw materials & finished products as per IS 4984 procedures that include incoming inspections, in process inspections and final inspections.
- Collect production samples regularly and perform detailed quality inspections. Manage quality control of finished products according to customers' requirements.
- Generate Non-conformance report in case of product failure and notify to the production executive to ensure immediate action.
- Develop and maintain CAPA (Corrective & Preventive action) quality systems.
- Conduct product validation for each pipe size.
- Prepare Quality Assurance Plan
- Schedule work assignments and set priorities for each member of the department.
- Conduct tests on raw materials & finished products as per IS 4984 standard such as- Melt flow index, Density, Carbon black content & Carbon black dispersion, Oxidation Induction time, volatile matter, Longitudinal reversion, Internal pressure creep rupture (Hydrostatic resistance test) , Overall migration, Tensile strength for butt fusion , Elongation at break and Slow crack growth rate test.
- Communicate with **BIS & CIPET** officials and execute work as per their directive.
- Interacted with **BIS** and worked on implementation of revised **IS 4984:2016** from **IS 4984:1995**, inclusion of varieties to existing standard and renewal of licence.
- Engage with **BIS** and clients inspection processes and generate inspection reports.
- Attend to customer's queries and complaints, provide solutions and issue product test certificates.
- Calibration of laboratory and manufacturing equipment on regular basis and documenting the same.
- Document records as per **ISI & ISO** standards such as - Raw material datasheets, Raw material manufacturers test certificate ( HDPE raw materials & Master batch), Raw material test reports, Dimensional reports, final inspection reports, Calibration reports, etc.

### **Projects Undertaken:**

#### **1. DEVELOPEMENT OF PHOTODEGRADABLE LDPE NANO COMPOSITES FILMS:**

Project was done in Defence Food Research Laboratory (DFRL), Mysore.

Photodegradable LDPE nano composite films were developed by Blown Film Extrusion process, used for packaging application, designed in order to control the degradability when exposed to sunlight. Tests were carried out in the presence of UV light & sunlight using UV sensitive additives (Normal Titanium dioxide & Nano Titanium dioxide).

Universal Testing Machine was used to test the tensile properties. Other tests like Transparency, Fourier Transform Infrared Spectroscopy (FTIR) & X-ray diffraction were also conducted.

## 2. **APPLICATION OF HIGH POLYMERIC MATERIALS AS LUBRICANTS**

Project was done in Micro Enterprises, Mysore

A small scale method to produce lubricant grease for industrial and automotive applications. Long chain polymeric materials were used. Say bolt Viscometer was used to study the Viscosity. And other parameters like oxidative stability, evaporation loss etc., were also studied.

Presented in the 6<sup>th</sup> National Conference Polycon Organized by the Department of Polymer Science and Technology, SJCE, Mysore.

### **Technical Skills and Achievements:**

1. Software Tools: **AUTOCAD 2010** & knowledge of MS-Office tools like Excel, Word & PowerPoint.
2. Successfully completed course on **Testing and Quality Control of HDPE Pipes for potable water supply as per IS: 4984** at CIPET (Central Institute of Plastic Engineering & Technology), Mysore.
3. Successfully completed **Internal Auditor training for ISO 9001:2015 Quality Management Systems** at Mysore.

### **Address:**

Al Tayer Building,  
Near Sheikh Zayed Road  
Al Wasl, Dubai

### **Declaration:**

I Tanaaz Farzeen here by affirm that the above information is true to the best of my knowledge.

Place: Dubai

**Tanaaz Farzeen**