

GIREESH NS

“Eleven” years of experience as a **Quality Controller** of **GRP/GRE Pipe Systems** looking for a suitable opening in **Quality Control, Production** or in **Site Services Department**.

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- Ensure all inspection/testing results are documented as per ISO-9001:2008 & DPFC requirements.
- Prepare daily production QC online report (shift report).
- Prepare daily posting report (DPR).
- Control the quality of all in-coming raw material.
- Control the quality of GRP/GRE Pipe & Fittings.
- Conduct third party inspection
- Ensure all the products beings supplied to the customer are in compliance with relevant specification.

- Reporting to Fittings Supervisor.
- Participate in preparation of lamination recipes.
- Ensure that spool is fabricated as per relevant drawing.
- Inspection all types of (GRP/GRE) spools are per drawings i.e.
 - a) GRP/GRE Tee (Equal, En equal, Cross & Inverted).
 - b) GRP/GRE Elbow (30°, 45°, 60° & 90°).
 - c) GRP/GRE Reducer (Con. & Ecc.).
 - d) GRP/GRE Wye Branch (Equal & Un Equal).
 - e) Fixing of GRP/GRE flanges with the pipe.

From September , 2008 to fill Date working as Quality Control– Dubai UAE

Responsibilities

- Reporting to the Q C Manager.
- Supervise and support the Quality Control Inspectors and lab Technician.
- Control the quality of all in-coming raw materials.
- To Audit process control (Internal & external).
- Control of the quality of GRP/GRE Pipes & Fittings
- Control of the calibration of all test/measuring equipment/devices.
- Organize and conduct Third Party Inspections.

- Preparation of Fittings Lamination Recipes.
- Organize and conduct qualification tests.
- Ensure that all products being supplied to the customers are in compliance with the relevant specification.
- Maintain documentation pertaining to the quality control.
- Documentation and control of inspection and test results.

From August, 2008 to January , 2019 QC Inspector in DPFC Dubai– UAE.

Responsibilities

- Reporting to the QA/QC Engineer
- Control the Quality Inspection Team.
- Quality control of GRP/GRE Pipes & Fittings Carry out process control on a wide range of manufacturing processes.
- Documentation, control of Inspection and test results in line with the quality control processes.
- Organize and conduct 3rd party & Client Inspection.
- Maintains all documentation pertaining to the quality control activities.
- Documentation and control of inspection and test results.

Q.C. Experience	Glass Reinforced Epoxy Pipe	<p>Quality control/Inspection of high pressure GRE pipelines (up to 50 Bar)</p> <p>Visual Inspection & Dimensional Inspection of different epoxy pipes, jointing system (such as adhesive joints, Rubber seal lock joint, TB/TS, CB/CS etc.).</p>
	Glass Reinforced Polyester/Vinylester Pipe Fittings & Accessories.	<ul style="list-style-type: none"> ➤ Quality control/Inspection of gravity & pressure Vinylester/Polyester pipelines - GRP (up to 32 Bar) ➤ Visual Inspection & Dimensional Inspection of different Vinylester & polyester Pipes, Fittings & jointing system (such as SP/SP, Coupler etc.). ➤ Inspection & Dimensional Inspection of GRP Accessories i.e. Benching, Chamber, Cover Slab, Shaft Liner, Sheets and Ladders. ➤ Raw Material Calculation of GRP Continuous Winder machine ➤ Laminate control and void content of Pipes.
	Raw Material Approval	<ul style="list-style-type: none"> ➤ Control of different properties such as viscosity, gel time, gel to peak time, peak exothermic temperature, specific gravity etc of Vinylester, Polyester, Epoxy ,Terephthalic Resin Systems, high activity & low activity peroxides (MEKP) such as LPT, M-60, accelerators such as cobalt Octoate – NL-53 etc.& Hardeners for epoxy resin like MDA, IPD. ➤ Usage of various laboratory equipment for raw material testing like Viscometer, ABBE Refractometer, bench top oven, Sieve & Shaker for testing of filler materials such as Sand ➤ Liaising with Resin/Accelataor/Catalyst/glassfibers manufacturers like DOW Europe, Cray Valley, Reichhold, Scott Bader, , Refnol, Saudi Industrial Resin, Akzo Nobel, Patcham Ltd. Sabic, Owens Corning, Jushi Fiberglass Inc, Colan Products, Fibertech etc on various quality related issue. ➤ Control of different properties such as moisture content, LOI, Linear Density- Tex, Area Density, Filament Diameter etc for glass Fiber such as Hoop Roving, Chop Roving, Chop strand mats, Woven Roving.

TECHNICAL EXPERTISE AND FAMILIAR AREAS		
Q.C. Experience	Calibration of Equipments	<ul style="list-style-type: none"> ➤ Calibration of various equipment such as calipers, micrometers, pressure gauges, Barcol Impressor, Weighing scale, bench top oven, post curing oven, viscometer, ABBE Refractometer, Differential scanning calorimeter - Mettler Toledo 822^e etc., traceable to national standards ➤ Approval of Independent Laboratories who can handle additional sub contracted calibration of equipments/instruments
	Testing Equipment / Instrument	<ul style="list-style-type: none"> ➤ Well versed with various laboratory equipments with which various testing are carried out on GRE/GRP Pipe's & Laminates ➤ Mettler - Toledo 822^e Differential Scanning Calorimeter - Switzerland ➤ Split Disc Machine: Capacity Max. 392266 N - CTC Italy ➤ Stiffness testing machine: Capacity Max. 65 KN - CTC Italy ➤ UTM: Capacity 15 Ton - YL Engineering Germany ➤ Temperature Logger: Range - 200°C to +260°C - YL Engineering Germany ➤ Viscometer: Range 15 - 2000,000 Cp - Brookfield Engineering Laboratories - USA
	Product Testing, Raw Material Testing & Certification (GRP/GRE)	<ul style="list-style-type: none"> ➤ Conducting destructive and non-destructive tests to ensure that the product meets all the design criteria and the relevant standards. ➤ Loss on Ignition test as per ASTM D 2584. ➤ Degree of Cure of thermohardners as per ASTM D 3418. ➤ Barcol Hardness as per ASTM D 2583. ➤ Hoop Tensile Strength as per ASTM D 2290/BS 5480. ➤ Longitudinal Tensile Strength as per ASTM D 638/BS 5480. ➤ Compressive Strength Test as per ASTM D 695. ➤ Specific Tangential Initial Stiffness as per ASTM D 2412. ➤ Boil Resistance Test as per ASTM D 570. ➤ Specific Gravity & Void Content as per ASTM D 792. ➤ Refractive Index of materials as per ASTM D 1045. ➤ Resin Characteristics (Gel Time, Gel to Peak Time & Peak Temperature) as per ASTM D 2471. ➤ Viscosity of Resin as per ISO-2555. ➤ Certification of Product as per EN 10204/DIN50049: type 2.1, type 2.2 & type 3.1 B
	Qualification/Long Term Testing	<ul style="list-style-type: none"> ➤ Joint Tightness Test as per ASTM D 4161. ➤ Strain Corrosion Test as per ASTM D 3681. ➤ Hydro Static Design Basis Test as per ASTM D 2992 (B). ➤ Long Term Creep Test (Radial & Helical) as per ISO-10468. ➤ Beam Deflection Test as per ASTM D 2925.

PERSONAL INFORMATION:	
Date of Birth	26-April-1987
Nationality	Indian
Passport No.	N9882275
Passport Validity	19,07, 2026.
Permanent Address	Gireesh NS padinjattathil Veedu Pammathinkezhu Neerumankdave Po Mtithirmala Pin 695610
Driving License	Holder of valid Indian driving License.
Languages Known	English, Hindi , Malayalm Tamil
Computer Skills	All Microsoft Office Tools. (XL, Word, PP, etc)
Marital Status	Married