

# Farbe Firma Pvt. Ltd

## Critical Care Injectables



### Vision

We aim to achieve global recognition as a world-class manufacturer of pharmaceutical formulations. Our dedication to innovation and continuous improvement is designed to create substantial value for our business partners and stakeholders.

### Mission

Our mission is to deliver an unparalleled customer experience by:  
Providing exceptional quality in sterile liquid injectables.  
Maintaining a relentless commitment to quality throughout every stage of our operations.  
Meeting the exacting demands of our customers for top-tier quality.

Our Aspiration: We aspire to be the ultimate destination for pharmaceutical formulation development and specialized manufacturing of sterile liquid injectables.

Our Commitment: We are dedicated to simplifying the manufacturing process and offering complete solutions to our business partners seeking manufacturing excellence. Our pledge is to provide "Inbuilt Quality."

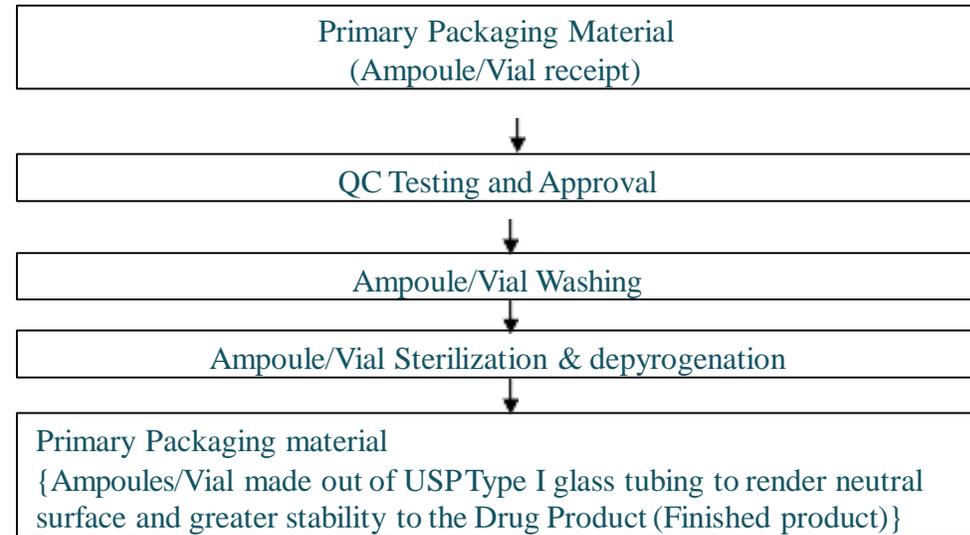
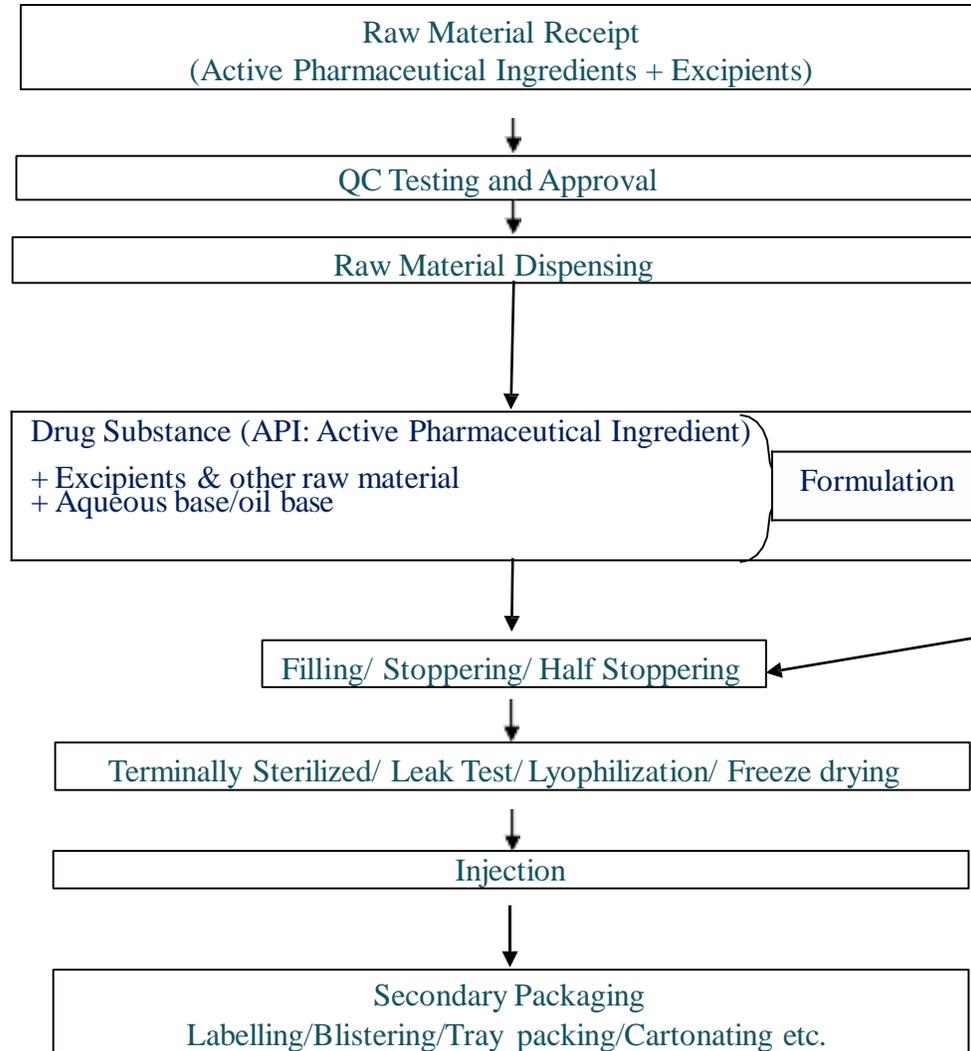
## About Us

- Incorporated in 2012, Farbe Firma Private Limited originated as a partnership firm specializing in the trading of dyes and pharmaceutical intermediates. Over time, our journey has led us to diversify into the manufacturing of Sterile Liquid Injectable products, specifically Small Volume Parenterals, since 2017.
- Our transformation into Farbe Firma Private Limited signifies our commitment to excellence and growth. We have established a state-of-the-art manufacturing unit for injectable drug formulations in the industrial estate of Ankleshwar, setting a new standard for quality and innovation.
- We are steadfast in our dedication to subjecting this manufacturing facility to rigorous inspections by international regulatory agencies, showcasing our commitment to advanced facility standards and uncompromising quality.
- Our remarkable achievements in a remarkably short timeframe have earned us global recognition, and we are poised for significant global expansion in the near future. Farbe Firma stands at the forefront of pharmaceutical manufacturing, and we look forward to a promising journey ahead.





# Flow chart for Product Process Flow.:



# Material Management

- **Efficient Material Receiving Area:** Our facility features a dedicated and well-organized Receiving Bay to ensure the efficient intake of materials.
- **Strict Material Segregation:** We uphold stringent material segregation protocols with separate areas designated for Quarantine, Under Test, and Approved status for both Raw Materials and Packaging Materials.
- **Optimized Primary Packaging Material Storage:** In our facility, we have designated a specialized area for Primary Packaging Materials, complete with motorized racks for seamless access and storage.
- **Dedicated Warehouse for Secondary Packaging Materials:** We maintain a separate, fully equipped warehouse exclusively for Secondary Packaging Materials, ensuring systematic management and accessibility.
- **Pre-Printed Label Storage:** A dedicated space is allocated for the secure storage of pre-printed labels, ensuring they are readily available for production needs.
- **Narcotics and Psychotropic Substances:** We provide secure lock and key storage facilities for Narcotics and Psychotropic Substances, adhering to stringent safety measures.
- **Temperature-Sensitive Storage:** We maintain distinct storage spaces for products requiring 2-8 degrees Celsius and -70 degrees Celsius storage conditions, safeguarding product integrity.
- **Extended Storage Capacity:** To guarantee uninterrupted production, we have the capacity to store Primary Packaging Materials equivalent to 30 days' worth of batches, facilitating consistent manufacturing processes.

## The Salient Features of the facility are as follows:

- **Dedicated and Isolated Personnel Entries:** Our production and packaging areas are equipped with separate personnel entries to ensure strict isolation and adherence to quality standards.
- **Manufacturing Line Distinction:** Within our facility, we maintain a clear distinction between manufacturing lines, including Ampoule and Vial lines, each optimized for specialized production processes.
- **State-of-the-Art Manufacturing Infrastructure:** All our manufacturing areas and clean rooms are constructed using fine-finished modular panels, ensuring a hygienic and controlled environment.
- **Comprehensive Quality Control Area:** We have a dedicated Quality Control (QC) area equipped to handle raw material testing, in-process testing, and finished product testing, guaranteeing the highest product quality.
- **Robust Power Backup System:** To ensure uninterrupted operations, we have implemented a two-level power backup system. Our DG set is capable of powering the entire plant, while UPS units are in place for critical areas (Grade B) and machinery, particularly the filling process.

# Production

## Versatile Manufacturing Capabilities:

- Our facility is equipped to manufacture both aseptically filled and terminally sterilized products, offering a wide range of options to meet diverse pharmaceutical needs.

## Ampoule Filling Line Highlights:

- Our Ampoule filling line is capable of dispensing fill volumes ranging from 1 ml to 10 ml.
- It features a high-speed, imported integrated system comprising a washing machine, depyrogenation tunnel, and a servo-based 12-head filling machine.
- Equipped with an extended LAF (Laminar Air Flow) and state-of-the-art SS 316L SPC filling pump, along with an online particle counter.
- It operates at an impressive speed of 300 ampoules per minute and boasts a production capacity of 300,000 ampoules per day.

## Vial Filling Line Highlights:

- Our Vial filling line, designed for fill volumes ranging from 2 ml to 50 ml, is complemented by a 30 sq mtr Lyophilizer equipped with an Auto Loading and Unloading System.
- This integrated system features a high-speed, imported setup that includes a washing machine, depyrogenation tunnel, and a 16-head servo-based filling machine.
- The line incorporates an extended LAF and utilizes a peristaltic pump along with an online particle counter.
- It operates at a remarkable speed of 400 vials per minute, with a production capacity of 300,000 vials per day.
- The inclusion of the Lyophilizer enhances our capability to produce and process lyophilized products, expanding our offerings to meet a broader range of pharmaceutical needs.

## Production

- **Advanced Sterilization and Material Transfer Equipment:** Our facility is equipped with a double-door autoclave for sterilization and a mobile Laminar Air Flow (LAF) system for safe and efficient material transfer.
- **Precision Filter Integrity Testing:** We employ a Pall Filter Integrity Machine for rigorous pre and post-filter integrity testing, ensuring the highest quality standards.
- **Flexible Batch Sizes:** Our manufacturing capabilities encompass a wide range of batch sizes, accommodating a minimum batch size of 100 liters and extending to a maximum batch size of 1000 liters.
- **Cutting-Edge Manufacturing Vessel:** Our manufacturing vessels are equipped with Novaseptic magnetic stirrers with load cells, offering precise control. Additionally, we provide nitrogen and carbon dioxide purging and blanketing facilities, as well as CIP (Clean-in-Place) and SIP (Sterilize-in-Place) capabilities for enhanced product quality and safety.
- **Variety of Pressure Vessels:** We maintain 25-liter, 100-liter, and 200-liter pressure vessels for efficient material transfer and processing.
- **Dedicated Preparation and Filtration Areas:** Our facility includes separate rooms for disinfectant preparation and filtration, both equipped with a controlled environment under Laminar Air Flow (LAF) to maintain cleanliness and product integrity.
- **Terminal Autoclave with Innovative SHWS Technology:** Our terminal autoclave is equipped with Super Heated Water Shower (SHWS) technology from Pharmalab, ensuring thorough and effective sterilization processes.

## Packaging

- **Thorough Visual Inspection:** Our commitment to quality is exemplified by our 100% visual inspection process, performed both manually and by a state-of-the-art fully automatic Brevetti machine from Italy.
- **This machine operates at an impressive speed of 450 ampoules per minute and boasts five inspection stations equipped with 13 high-resolution cameras.**
- **Efficient Labeling Process:** We utilize a high-speed labeling machine, This machine is equipped with cameras and an online rejection system to ensure accurate and consistent labeling.
- **Dedicated Carton Coding Area:** Our facility includes a separate area specifically designated for carton coding.
- **Advanced Blistering Facility:** We house a high-speed blister machine capable of processing 800 ampoules per minute. This machine is equipped with integrated utilities.
- **Customized Packing Solutions:** Our versatile packing belt allows us to accommodate customized packaging requirements, meeting the diverse needs of our clients.

## Quality Control

- Sample Receiving Room
- Hot Zone Area with Fume Hood
- Glassware Washing Area
- Precision Balances
- In-House Stability Testing
- Analytical Instrumentation
- Microbiology and Sterility Testing

## Quality Assurance

- Documentation Control: Manage quality-related documents, including manufacturing aspects.
- Validation and Qualification: Ensure rigorous validation and qualification processes.
- Release Oversight: Authorize raw materials and finished product release.
- In-Process Quality Control: Monitor and make release/rejection decisions during production.
- Quality Risk Management: Proactively assess and mitigate risks to maintain product quality.
- Deviation and Change Management: Systematically handle deviations and changes for consistency.
- Complaint Handling: Efficiently address customer complaints to ensure satisfaction.
- Self Inspections: Conduct regular internal audits for compliance and improvement.
- Stability Assessment: Evaluate product stability for long-term quality and efficacy.
- Training and Evaluation: Continuously train and assess the workforce's skills.
- Annual Quality Review: Perform a comprehensive annual product quality review.
- Supplier and Service Provider Approval: Evaluate and approve suppliers and service providers.
- Contract Lab Approval: Authorize contract testing laboratories for reliable testing services.

## Our area of therapeutic specialization

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Anticonvulsants,	Anti-Inflammatories	Cosmetics
Aminoglycosides	Antimalarials	Cough & Cold Preparations
Anaesthetics - Local & General	Antimigraine Preparations	Detoxifying Agents
Analgesics (Non-Opioid)	Antioxidants	Diluents
Analgesics (Opioid)	Antiparkinsonian Drugs	Diuretics
Antacids	Antipsychotics	Electrolytes
Antiallergics	Antipyretics	Gastrointestinal Drugs
Antianemics	Antireflux Agents	GIT Regulators
Anti-Anginal Drugs	Antispasmodics	Haemostatics
Antiasthmatic & COPD Preparation	Antiulcerants	Hypnotics & Sedatives
Antibiotics	Antivertigo Drugs	Macrolides
Anticonvulsants	Antivirals	Muscle Relaxants
Antidepressants	Anxiolytics	Mydriatic Drugs
Antidotes	Bone Metabolism	Neuromuscular Blocking Agents
Antiemetics	Calcium Antagonists	Nonsteroidal Anti-Inflammatory Drugs (NSAIDs)
Antiflatulents	Cardiac Drugs	Thrombolytics
Antifungals	Cholagogues	Vasoconstrictors
Antihistamines	Cholelitholytics & Hepatic Protectors	Vasodilator
Antihypertensives	CNS Drugs & Agents for ADHD	Vitamins & Minerals

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# Ampoules

## **Adrenaline Injection (EPINEPHRINE)**

Ambroxol HCl Injection 7.5 mg/ml

Amiodarone Injection 50mg/ml

Analgin Injection (Metamizole/Dipyrone)

Meloxicam Injection 10 mg/ml

Atropine sulphate injection

## **Bupivacain HCl + dextrose Injection**

## **Buprenorphine HCL Injection**

Caffeine Citrate Injection 20 mg/ml

Cholecalciferol (Vit D3)

Citicoline Sodium Injection 125 mg/ml

Protamine Sulphate 10mg/ml

Clindamycin Injection 150 mg/ml

Levocarnitine Injection 200mg/ml

Mesna Injection 100 mg/ml

## **Dexmedetomidine HCl Injection**

## **Diazepam Injection 5mg/ml**

## **Diclofenac sodium Injection 25mg/ml**

## **Dobutamine HCl Injection 50mg/ml**

## **Dopamine HCl Injection 40mg/ml**

## **Ephedrine Sulfate Injection 25mg/ml**

Labetalol HCl Injection 5mg/ml

Metoclopramide Injection 5mg/ml

## **Midazolam Injection 5mg/ml**

## **Morphine sulphate Injection**

## **N-Acetyl-Lcysteine Injection (Acetylcysteine)**

## **Nalbuphine HCl Injection**

Neostagmin Methylsulfate & Glycopyrolate

Neostigmine Methylsulfate Injection

## **Nicardipine HCl Injection**

## **Nitroglycerine Injection 5 mg/ml**

## **Noradrenaline (Norepinephrine) Injection**

## **Ondansetron Injection 2mg/ml**

Orphenadrine Citrate Injection 30mg/ml

Palonosetron HCl Injection

Papaverin Injection 30 mg/ml

Paracetamol Injection 150mg/ml

## **Pentazocin Injection 30mg/ml**

## **Pethidine Injection 50mg/ml**

## **Phenobarbital Injection 200mg/ml**

Phenylephrine HCl Injection

Phenylephrine HCl Injection 10mg/ml

Phenytoin Sodium Injection 50mg/ml

Phytomenadione (Vitamin K1) Injection

Piroxicam Injection 20mg/ml

## **Sodium Valproate Injection 100mg/ml**

## **Hyoscine Butylbromide Injection**

## **Iron Sucrose Injection . 20 mg/ml**

## **Tranexamic acid Injection 100mg/ml**

Lincomycin Injection 300mg/ml

Ramosetron HCl Injection

Lidocaine Injection 1%, 2%

Etophylline Theophylline Injection

## **Fentanyl Citrate Injection 50mcg/ml**

Fluphenazine Decanoate Injection 25 mg/ml

## **Tramadol HCl Injection 50mg/ml**

Gentamicin Injection 10mg/ml, 40mg/ml

Glycopyrrolate Injection 0.2 mg/ml

Ketamine HCl Injection 50mg/ml

## **Ketorolac Tromethamine Injection**

Xanthinol Nicotinate Injection

Lignocaine HCL and Adrenaline Injection

## Vials

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Acetylcysteine Injection	Ketamine Hydrochloride Injection
Amikacin Sulphate Injection	Ketorolac Tromethamine Injection
Atracurium Besylate Injection	Labetalol Hydrochloride Injection
Bupivacaine Hydrochloride & Epinephrine Inj.	Lidocaine Hydrochloride and Epinephrine Inj.
Bupivacaine Hydrochloride Injection	Midazolam Injection
Chloroquine Phosphate Injection	Morphine Sulfate Injection
Chlorpheniramine Maleate Injection	Nalbuphine Hydrochloride Injection
Cisatracurium Besylate Injection	Neostigmine Methylsulfate Injection
Clindamycin Injection	Nicardipine Hydrochloride Injection
Diazepam Injection	Nitroglycerin Injection
Dobutamine Injection	Norepinephrine Bitartrate Injection
Dopamine Hydrochloride Injection	Ondansetron Injection
Ferric Carboxymaltose Injection	Palonosetron Injection
Fluphenazine Decanoate Injection	Pancuronium bromide Injcetion
Fomepizole Injection	Propofol Injectable Emulsion
Gentamicin Sulfate Injection	Rocuronium Bromide Injection
Glycopyrrolate Injection	Tranexamic Acid Injection

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## Lyophilized Vials

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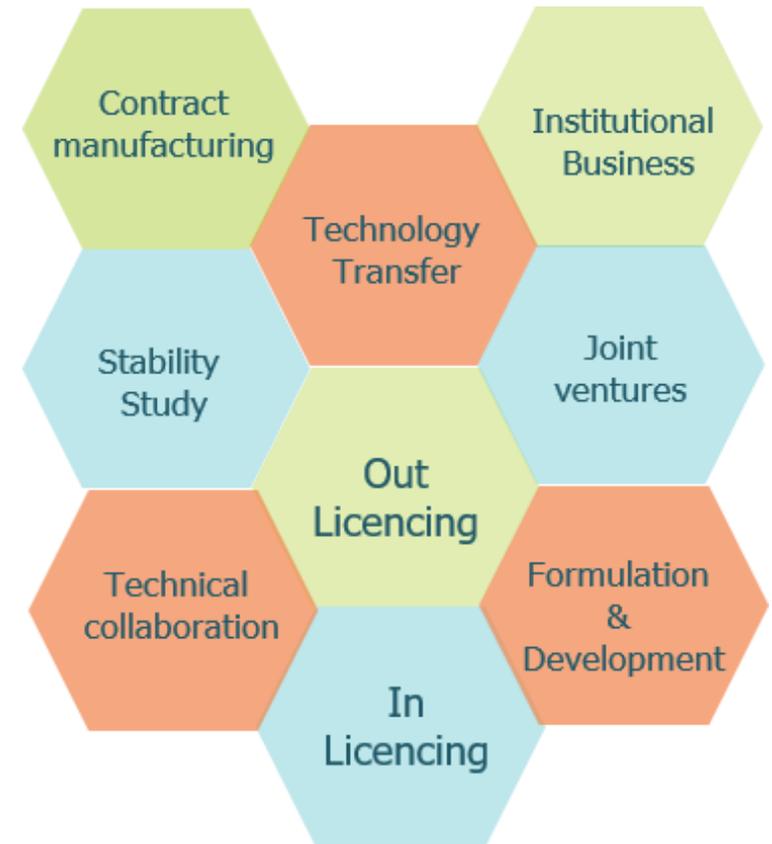
Acyclovir for Injection USP	Omeperazole for Injection
<b>Liposomal Amphotericin B for Injection</b>	Pantoprazole for Injection
Anidulafungin for Injection	Rabeprazole for Injection
Caspofungin for Injection	Remdesivir for injection
Colistimethate Sodium for Injection	Teicoplanin for Injection
Esomeprazole for Injection	Tigecycline for Injection
Famotidine for Injection	Vancomycin for Injection
Fosfomycin Sodium for Injection	Vecuronium Bromide for Injection
<b>Glutathione for Injection</b>	Voriconazole for Injection
Micafungin for Injection	<b>Leuprolide acetate for Injection</b>

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# F&D | R&D

"Farbe Firma's Research and Development (R&D) department is the catalyst of our dedication to innovation and excellence in the pharmaceutical industry.

With a state-of-the-art facility, we are at the forefront of developing cutting-edge pharmaceutical formulations and dosage forms. Our multidisciplinary team of scientists, pharmacists, and researchers work tirelessly to create high-quality, cost-effective medicines. Through rigorous testing, advanced technologies, and a relentless pursuit of scientific knowledge, we aim to bring new solutions to the market, improve patient outcomes, and contribute to the advancement of healthcare worldwide."



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