

PHARMACO GLOBAL

ENGINEERING THE BACKBONE OF MODERN PHARMA



USFDA | EU-GMP | WHO | PIC/S | MHRA

Turnkey Pharma Facilities

Designed | Built | Validated

www.pharmacoglobal.com

About Pharmaco Global



As a full-service, integrated pharmaceutical solutions partner, Pharmaco Global specializes in offering facilities through end-to-end execution solutions that comply with government regulations and promise continuing assistance for every item on the shelves.

We offer assistance with every component of facility development, whether it be creating concepts or choosing technology from current suppliers that meet the pharmaceutical industry's facility criteria.

From concept creation and technology selection to sourcing, validation strategy, and on-ground execution, every stage is planned to ensure smooth and controlled project delivery.

With decades of mutual industry experience, Pharmaco Global functions as a single project partner, reducing operational risk, simplifying complex decision-making, and promoting collaboration across every step of the project.

Pharmaco Global offers a solution that consistently generates value from commissioning and throughout the facility's lifecycle by concentrating on accuracy, accountability, and long-term success for both the company and the facility.

Engineering
excellence

Regulatory
intelligence

Core
principles

Responsible
partnerships

Long-term
operational
value

Why Industry Leaders Choose Pharmaco Global



Vision

To become the premier global partner for pharmaceutical turnkey solutions, delivering operational excellence and regulatory confidence worldwide



Mission

Deliver customized, compliant, and cost-effective pharmaceutical facilities and solutions by placing the customer at the center of every decision



Core Values

- Integrity
- Engineering excellence
- Regulatory responsibility
- Client success



End-to-end turnkey expertise

Complete project ownership from concept to commissioning



Global regulatory knowledge

Deep understanding of USFDA, EU-GMP, WHO, and PIC/S standards



Integrated engineering

All disciplines coordinated under one roof



Risk reduction

Minimized delays, redesigns, and compliance challenges



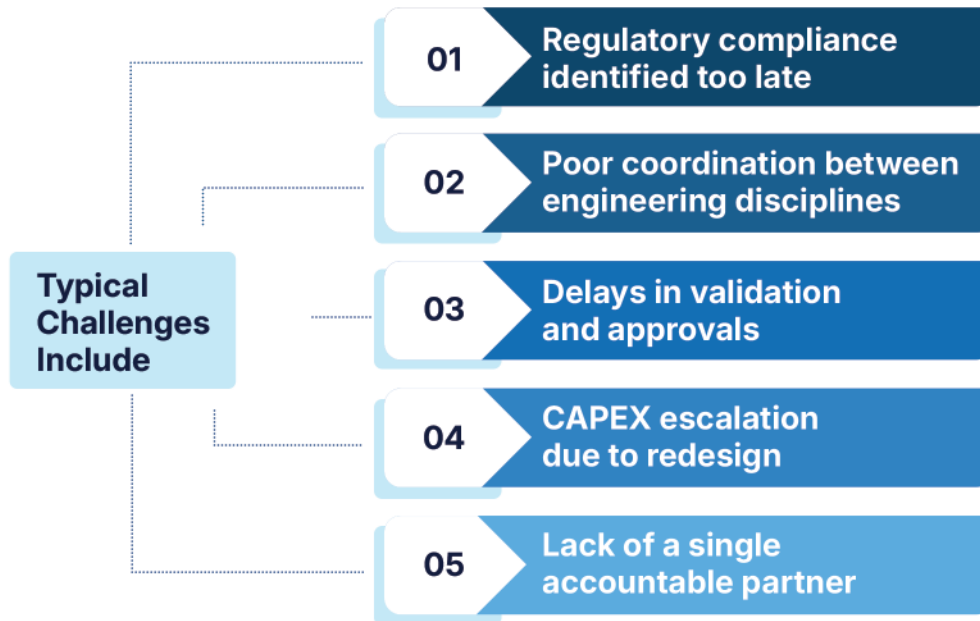
Operational efficiency

Facilities optimized for long-term performance

The Problem We Solve

Why Pharmaceutical Projects Fail?

Pharmaceutical manufacturing facilities often face delays, cost overruns, and regulatory challenges due to fragmented project execution



Pharmaco Global Delivers Fully Integrated Turnkey Solutions

We manage every stage of pharmaceutical facility lifecycle for



Regulatory & Compliance Support

- At Pharmaco Global, regulatory compliance is not an afterthought. It is engineered into every stage of facility design and execution.
- Our assistance with regulations and compliance guarantees that pharmaceutical production facilities are designed for approval rather than being retrofitted for compliance after they are finished.



Regulatory Knowledge Contains

- Support for USFDA, GMP and EU-GMP preparedness
- Analyzing gaps in facilities and processes
- System optimization and layout based on compliance
- Guidelines for preparing for audits and inspections

Regulatory Documentation & Validation

- Preparation of complete validation documentation, including DQ, IQ, OQ, and PQ protocols
- Development of SOPs, validation master plans, and compliance documentation
- Support for regulatory submissions and audit documentation
- Structured documentation aligned with global regulatory standards

Regulations Covered



USFDA



EU-GMP



WHO



PIC/S



MHRA

Result

- Facilities that are inspection-ready, globally compliant, and operationally efficient

End-To-End Turnkey Execution

With the goal of ensuring efficiency, accuracy, and assurance at every stage of complex pharmaceutical projects, we create designs with clarity, control, and regulatory compliance

Pharmaco Global integrates regulatory expertise, engineering know-how, and expertly planned project execution into a unified whole

From concept creation to commissioning services, this integrated method simplifies decision-making, eliminates risks, and prevents fragmented responsibilities

Every phase of the facility's life cycle adheres to international regulatory standards and goals



Established with engineering discipline and execution assurance, Pharmaco Global ensures a seamless transition from planning to production with accuracy, reliability, and long-term performance. Enhanced supervision, faster execution, optimized CAPEX and OPEX, and unwavering quality and compliance are all advantages of projects with internal manufacturing assistance.

Comprehensive Services Under One Roof



Tech Transfer

- Molecule commercialization support
- Manufacturer identification
- Technology integration

Validation Services

- IQ / OQ / PQ
- GxP audits
- Regulatory inspection training

Design & Engineering

- Architectural layouts
- Process design
- HVAC engineering
- Facility planning

Utilities & Cleanroom

- Molecule commercialization support
- Manufacturer identification
- Technology integration

Execution

- Equipment procurement
- Automation integration
- Cleanroom installation

Compliance & Standards

- USFDA
- EU-GMP
- WHO
- PIC/S

Project Delivery Lifecycle

01
Initiation



Feasibility Foundation

Regulatory gap analysis, and capacity modeling to validate viability before commitment.

02
Engineering



Design & Engineering Blueprint

Detailed drawings, Conceptual layout, P&IDs, cleanroom classification, HVAC and utility design — GMP-aligned.

03
Supply Chain



Procurement & Sourcing

Vendor qualification, equipment procurement, and FAT coordination with approved suppliers.

04
Construction



Installation & Build

Civil, mechanical, electrical and instrumentation works with concurrent IQ documentation.

05
Validation



Commissioning & Verification

OQ/PQ protocol execution, integration testing, and regulatory documentation package.

06
Live



Handover & Go Live

Formal acceptance, SOP finalization, training handover, and post-handover hypercare support.

GMP

Compliant at every stage

IQ · OQ · PQ

Full validation coverage

End-to-end

Single partner accountability

Industries We Serve



Facility Types



We deliver specialized engineering and manufacturing solutions across a diverse range of industries, including Pharmaceuticals, Nutraceuticals, Animal Feed, Data Centers, and Microelectronics. From GMP-compliant cleanrooms and precision aseptic environments to high-performance data infrastructure and contamination-controlled microelectronics facilities, our expertise ensures every sector receives tailored, technically rigorous, and fully compliant solutions that meet the most demanding operational and regulatory standards.

Cartridges & Capsules



Capsule Filters

Offer an all-in-one, disposable solution ensuring precise particle removal and sterile fluid integrity in critical manufacturing processes.



EXT Series

Offer extended service life and high-capacity throughput for demanding large-scale pharmaceutical and biotech operations.



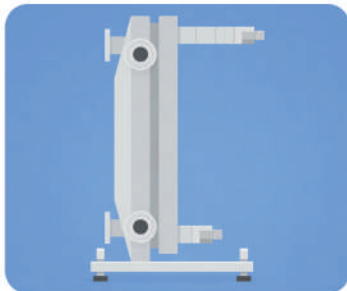
Zeta Plus Encapsulated Filters

Deliver superior depth filtration, effectively reducing bioburden and particulates in critical pharmaceutical manufacturing processes.



Scale Up Filter Capsule

Enables seamless lab-to-production transition, maintaining filtration consistency and regulatory compliance throughout manufacturing.



Holder

Systems provide secure, leak-proof housing for filter cartridges, ensuring consistent flow and reliable filtration performance.



Manifolds

Streamline multi-stream fluid distribution, enabling precise flow control and enhanced sterility across pharmaceutical manufacturing processes.



Virus Filters

Provide robust, validated removal of viral contaminants, ensuring biologics and pharmaceutical products meet stringent safety standards.



Capsule Filling Machine

Delivers accurate, high-speed encapsulation, ensuring dosage uniformity and GMP-compliant production across pharmaceutical facilities.



Centrifuge

Systems enable efficient separation of solids, liquids, and biological compounds for precise pharmaceutical processing.



Liquid Filling Machine

Provides precise, contamination-free filling of vials and ampoules, ensuring sterile integrity in pharmaceutical manufacturing.



Vessels

Provide sterile, pressure-rated containment for mixing, storage, and processing of critical pharmaceutical and biotech formulations.



Packaging Machines

Offer automated, high-efficiency blister packing, labeling, and sealing, ensuring product protection across pharmaceutical production lines.



Tablet Compression Machine

Delivers uniform, high-speed compression ensuring consistent dosage, hardness, and GMP-compliant tablet production.



Granulation Suite

(HSM, FBD, Blender, Coater, Sifter & Milling)

Offers integrated wet and dry processing, ensuring uniform particle size and optimal powder flow for pharmaceutical manufacturing.

Our Products



Cleanroom Panels

Modular panels in PUF core, rockwool core, and composite configurations. They provide thermal insulation, fire resistance, and structural integrity for ISO and EU-GMP classified spaces. Smooth, non-shedding, chemical-resistant surfaces supporting routine cleaning and sanitisation.

- PUF Core
- Rockwool Core
- ISO Class 5-8
- Grade A-D
- Non-shedding
- Fire resistant



Cleanroom Equipments

LAF units, biosafety cabinets (Class I, II & III), pass-through hatches, dynamic pass-boxes, RABS, and isolators — validated for aseptic processing, contamination control, and critical environment operations to ISO 14644 and EU-GMP Annex 1.

- LAF Units
- BSC Class I/II/III
- Pass-throughs
- RABS
- Isolators
- ISO 14644
- EU-GMP Annex 1



Epoxy Flooring

Self-levelling epoxy, epoxy screed, and polyurethane systems delivering seamless, joint-free, chemical-resistant surfaces. Non-porous, anti-microbial, and GMP-compliant — supporting easy decontamination and long-term durability under heavy operational loads.

- Self-levelling
- Epoxy Screed
- Polyurethane
- Seamless
- Anti-microbial
- Chemical resistant



HVAC

Full design and installation of AHUs, HEPA and ULPA filtration, pressurization cascades, temperature and humidity control, and BMS integration — maintaining ISO Class 5-8 and Grade A-D conditions with validated air change rates and particulate monitoring.

- AHU
- HEPA/ULPA
- ISO Class 5-8
- Grade A-D
- Pressure Cascade
- BMS Integration



MEP

Complete utility infrastructure including purified water, WFI, clean steam, compressed air, process gases, electrical distribution, and drainage — designed to GMP utility standards with full material traceability and IQ/OQ/PQ documentation.

- Purified Water
- WFI
- Clean Steam
- Compressed Air
- Process Gases
- IQ/OQ/PQ Ready

Freeze Dryers

A freeze dryer is sophisticated pharmaceutical equipment designed to lyophilize heat-sensitive products by removing moisture under controlled vacuum and temperature conditions. Built to stringent GMP standards, freeze dryers feature stainless steel construction, refrigerated shelves, vacuum chambers, and advanced process control systems, ensuring precise, repeatable performance and consistent product quality across pharmaceutical, biotechnology, and nutraceutical manufacturing facilities.



Domestic Clients

VIRCHOWS

antheaTM
PHARMA

A
A R LIFE SCIENCES

Biodeal
Pharmaceuticals
Limited
The healthy together

BE Biological E. Limited
Celebrating Life Every Day

Biophore

CELON LABS

CiRO
Pharma Private Limited.

Ciron Drugs

Cyedo
Life Sciences

SP
ESJAY PHARMA
ONE WORLD - ONE QUALITY

GIYAAN PHARMA PVT LTD.

ICP
Inject Care Parenterals Pvt. Ltd.

India Filings

LORVEN
BIOLOGICS
Building a Better Life...

MAITHRI

MARS

MOL MEGHMANI
ORGANICS LTD
Chemistry of Success at Work

Optimus

P&J

RND
LABORATORIES

RRVHC RR VETERINARY
HEALTH CARE PVT. LTD.

Safe FORMULATIONS LTD
PARENTERALS LTD

SAGA
LIFESCIENCES LIMITED

SahasraYogam

SAI
PARENTERALS

サンザイム
Sanzyme

SGD
PHARMA

Siflon
Drugs & Pharmaceuticals Pvt. Ltd.

SIGACHI

SKYMAP

SREEVEN
PHARMA

S3

SUNRISE
INTERNATIONAL LABS LTD
A PERDAMAN GROUP COMPANY

SUZKEM DRUGS
PRIVATE LIMITED

S

VINS
BIOPRODUCTS LIMITED
VINS RESEARCH WINS LIFE

Andhra Organics Limited

International Clients

BEXIMCO PHARMA

here's to life



FÁBRICA NACIONAL DE MEDICAMENTOS SA

Incepta

JODAS

one STEP better



ZUMA PHARMA



Healthcare



KAZAKHSTAN ENGINEERING NATIONAL COMPANY



FHC

PharmaX
INDIA PVT LTD

DCL
For Health - For Life

MOTAKADEMA PHARMA



ناپكو الوطنية
napco national

PHARMOTECHS

RADIANT PHARMACEUTICALS



SAMA ALFAYHAA
Pharmaceutical Industries

شركة العظام الصناعية
Industrial Orthopedic Company

SMYPHARMA

TEXIMASS
Your Sustainable Partner

CRUX PHARMACEUTICALS



 Russia

 Kazakhstan

 Uzbekistan

Jordan  Iraq

Benin  Saudi Arabia  Dubai

 Togo

 Myanmar

 Bangladesh

 Vietnam

 Uganda

 Mozambique



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Book a free
consultation