

# PRECISIONEERS OF CLEAN MANUFACTURING





### **ENGINEERING** SPACES THAT THINK AHEAD

At Spectrum, we engineer precision. Since 1995, we've been designing and building controlled environments and clean technologies that power pharma, biopharma, food, solar, and beyond.

Our strength lies in creating seamless ecosystems, where people, machines, air, water, and energy work in harmony. From **advisory and design to turnkey** 

**execution and audits**, we deliver end-to-end solutions that meet global standards while driving efficiency, safety, and sustainability.

With a presence across India and a growing global footprint, we remain future-ready, engineering environments that perform flawlessly, today and remain future-ready.

30+
years of building precision into every inch of engineering

**500+** projects delivered with speed, scale and zero shortcuts

30+
countries supported by our turnkey pharma excellence

**1M+** sq.mts of cleanrooms delivered

**100+**approvals from leading regulators - USFDA/UKMHRA/EMEA/ANVISA/TG























### WE ARE **PRECISIONEERS**OF CLEAN MANUFACTURING

A single particle is all it takes. Lost batches. Regulatory flags. Brand erosion. Lawsuits. We exist to prevent that first fault line.

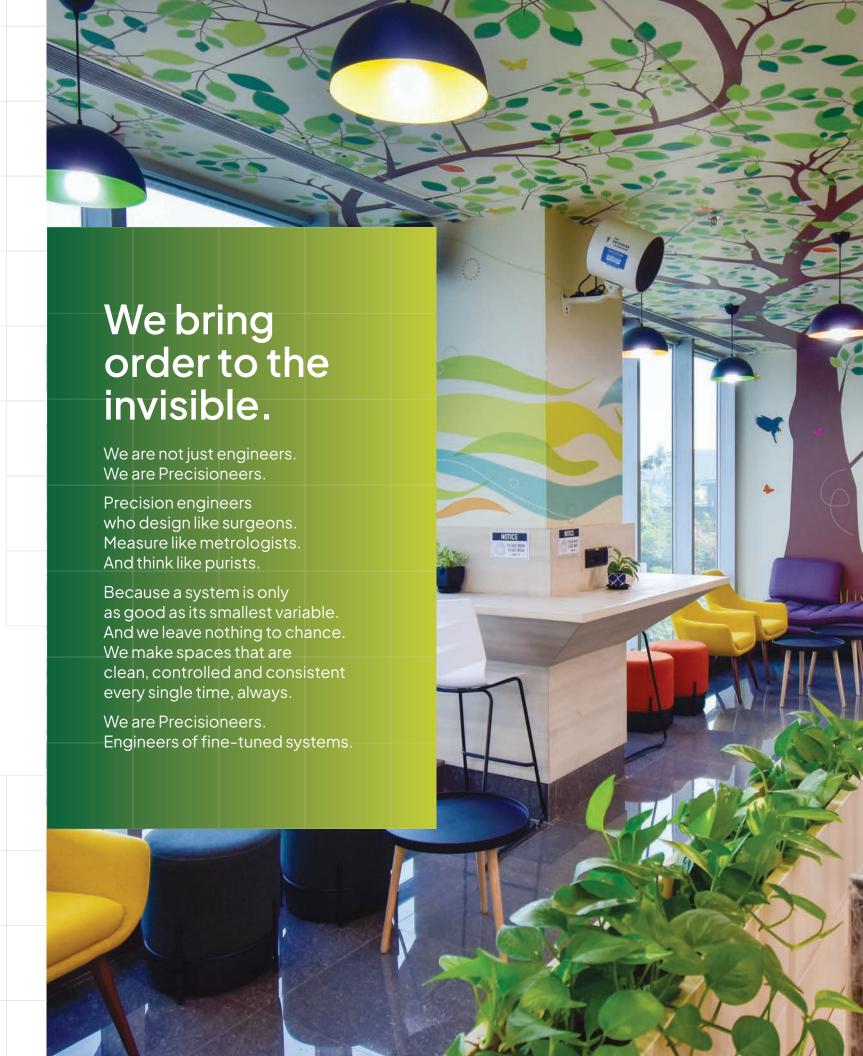
We study the invisible. The way air behaves, the way dust hides, the way temperature shifts, so that contamination doesn't lead to expensive consequences.



At Spectrum, we see beyond wires, ducts, and panels. We understand the invisible forces like air, water, light and energy; and shape them into systems that flow in harmony. Because true precision lies not just in building clean rooms, but in creating clean ecosystems.

We're called when complexity is high, margins are thin and failure is not an option. We don't just deliver spaces that look perfect, we deliver systems that work perfectly.

We're not just engineers, we're Precisioneers. Specialists who obsess over process, detail and durability.



### MILESTONES OF MOMENTUM

What began in 1995 as a commitment to bring engineering discipline into pharma has since evolved into a multi-industry, global story of precision. Over the years, we have not just expanded our capabilities, we've deepened our passion for what we do.

Every milestone has sharpened our expertise, widened our horizons and strengthened our resolve to engineer better, smarter, cleaner systems. We've built companies, forged partnerships, entered new geographies and redefined possibilities — all while staying true to one belief: precision is not an act, it's a way of thinking.

And with every passing year, that belief has only grown stronger. Today, Spectrum is more than a company. It's a collective force of Precisioneers, driven by curiosity, collaboration and the constant pursuit of perfection.

First International Project

FBC

Hyderabad Office

Arcadia

First Solar Project
Deerns, Netherlands

30 Years of Spectrum

1995

Spectrum Pharmatech Was Established 2002

- Incorporated As A Private Limited Company

- First International Project In Russia

2006

First Food & Beverages And Cosmetic Project 2010

Branch Office In Hyderabad 2014

**Turnkey Project** 

First Design Build Project 2018

Joint Venture Formed With Arcadia In Thailand 2022

First Solar Project

2023

Joint Venture Formed With Deerns, Netherlands, For Cleantech Projects 2025

Completes 30 Years

#### SPECTRUM OF CAPABILITIES

#### **Advisory Services**

- Market Research
- Technical Feasibility
- Technology Transfer
- Site Selection Studies

#### Project & Construction Management

- Interdisciplinary Coordination
- Construction Supervision
- Time Cost Estimation
- Bill Certification

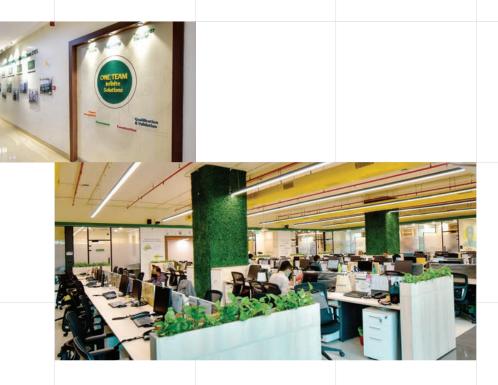
#### **Design & Engineering**

- Front End Engineering
- Detailed Engineering
- Procurement Assistance

#### Qualification & Validation

- Qualification Documentation
- Validation
- Quality Management System
- Computer System Validation
- Supervision For Onsite Validation





### INDUSTRIES WE POWER WITH PRECISION

No two industries are alike. Yet every industry demands precision. That's why Spectrum has become the go-to partner across diverse sectors, from pharmaceuticals and nutraceuticals to food and specialty chemicals.

We don't just adapt to each sector. We immerse ourselves in its processes, standards and challenges to deliver solutions that fit seamlessly, perform consistently and scale effortlessly.



Advanced

**Facilities** 

Manufacturing



API & Fine Chemicals



Biopharma



Food Beverages & Cosmetics



Solar & Alternate Energy



# SPECTRUM OF END-TO-END SOLUTIONS



### SPACES THAT PERFECT EVERY FORMULATION

Formulation demands more than clean rooms and compliant layouts.

It requires an ecosystem where science, engineering and regulation meet seamlessly.

From high-speed Oral Solid Dosage lines to delicate Injectables, from creams and lotions to advanced Metered Dose Inhalers, every space we create is optimized for sterility, scalability and efficiency.



Trusted by global leaders in pharma & healthcare.

With over 300+ cGMP-compliant formulation facilities designed, we bring expertise, innovation and precision to every project.

PHARMAX (ACINO) OSD Facility in Dubai, UAE



UK MHRA, EMA, US FDA

EMA, US FDA



**SANZYME**Hormone Injectable Facility in Hyderabad, India

TORRENT Oncology OSD Facility in Ahemdabad, India



INDIAN SCHEDULE M, US FDA, EMA, WHO & OTHER LOCAL STATUTORY NORMS

THAIFDA



GPO
General Formulation Facility
in Rangsit, Thailand

BDR PHARMA General/Oncology OSD & Injectable Facility in Vadodara, India

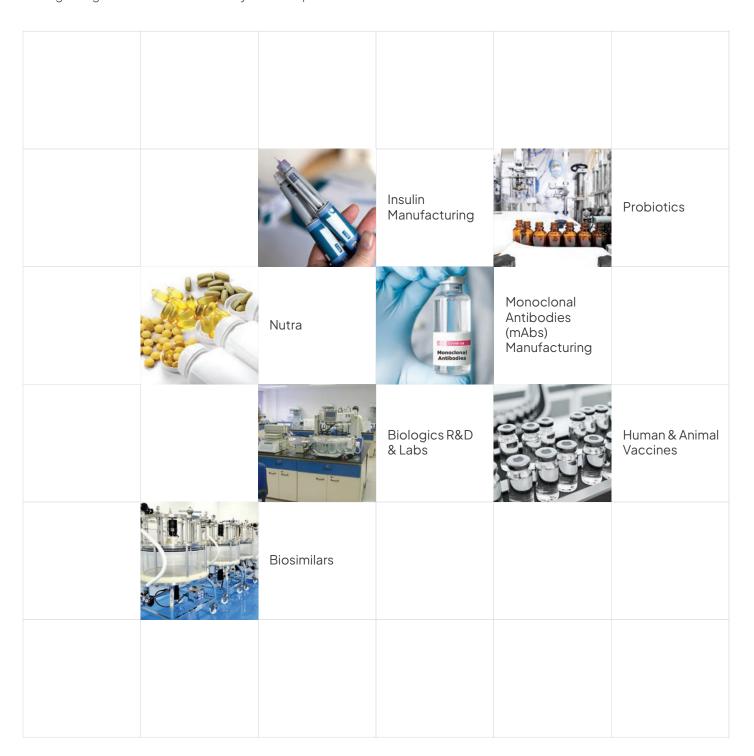


EMA, US FDA

## ENGINEERING THE FUTURE OF **BIOPHARMA**

#### Innovating facilities that power life-saving breakthroughs

From research to large-scale production, we specialize in the design of BSL-2 & BSL-3 biologics facilities that meet the highest global standards of safety and compliance.



Where science meets engineering, we create the foundation for life-saving breakthroughs. Our biopharma facilities are built to power tomorrow's innovations with safety, scale, and precision.

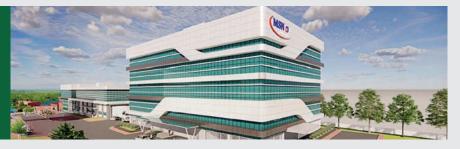
BIOLOGICAL E Vaccine Facility in Hyderabad, India





Indian Immunologicals (IIL) FMD Vaccine (BSL3) Facility in Hyderabad, India

MSN LABORATORIES mAbs Facility in Hyderabad, India





STELIS Vaccine Facility in Bengaluru, India

SANZYME Probiotic Facility in Hyderabad, India



### API SPACES, BUILT MOLECULE BY MOLECULE

Designing safe, high-performance facilities that deliver precision and reliability

With decades of expertise, we create world-class environments for API, intermediates, and specialty chemical manufacturing—built for safety, efficiency, and compliance.



From high-potent APIs to specialty chemicals, we design environments where science achieves its fullest potential.

Every facility we build is a commitment to safety, reliability, and the future of pharmaceutical excellence.

PTT API Facility in Thailand





TROIKAA PHARMACEUTICALS API Facility in Dahej, India

BIOCON Oncology API Facility in Vishakhapatnam, India





GULBRANDSEN Adjuvants Facility in Vadodara, India

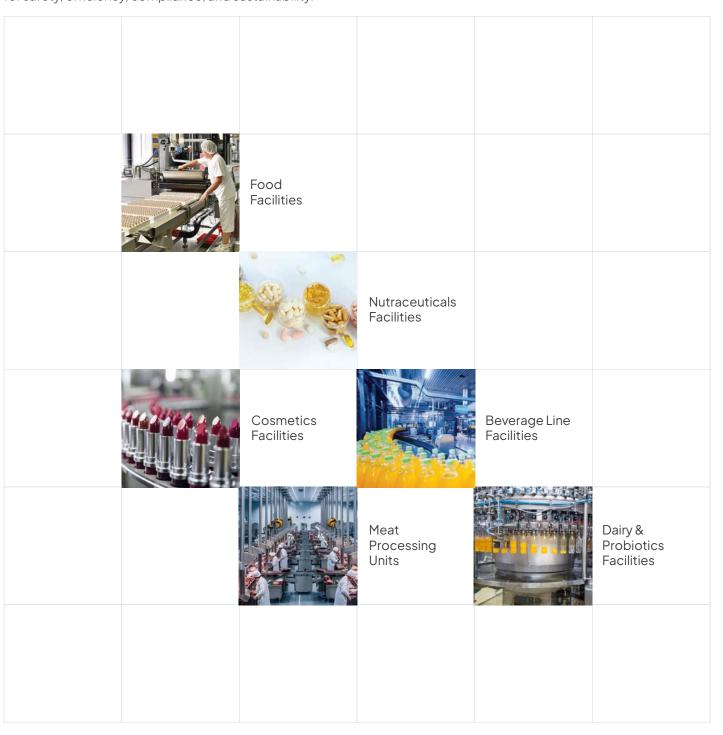
NAVIN FLUORINE (NFIL) Chemical Facility in Dewas, India



## IDEAS NEED SPACE. WE **ENGINEER** IT.

Designing safe, high-performance facilities that deliver precision and reliability.

With decades of expertise, we create world-class environments for food, beverage, and cosmetics manufacturing—engineered for safety, efficiency, compliance, and sustainability.



Innovation needs the right environment—and we build facilities that bring ideas to life. Every project is a balance of precision, performance and future-ready design.

Himalaya Nutraceutical Facility in Bengaluru, India





Hindustan Coca-Cola Beverages ASSP Filling Line Facility in Bengaluru, India

Emami Cosmetics Facility in Gujarat, India







**Licious** Meat Processing Facility in Delhi NCR, India

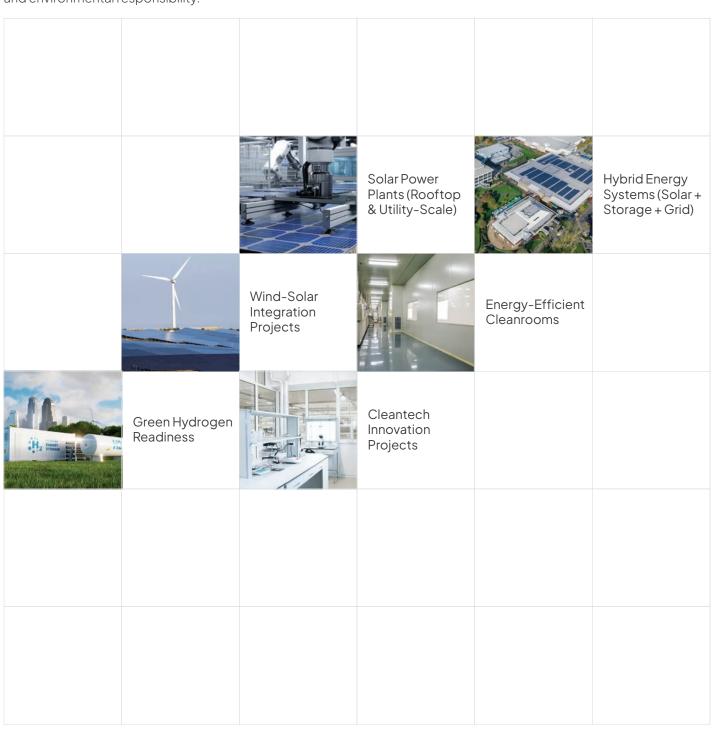
Danone Probiotics Facility in Delhi NCR, India



### ENGINEERING SUSTAINABILITY THROUGH CLEAN TECH

We create sustainable, future-ready solutions for clean and renewable energy.

From solar to alternate energy systems, we design and deliver projects that combine innovation, efficiency, and environmental responsibility.



Engineering resilience, efficiency, and responsibility into every energy project. Because the future isn't just powered—it's sustainably engineered.

#### Cleanroom Area For Solar

RAYZON Solar Cell Manufacturing Facility in Kosamba, India



40,000 Sq. Mtr.

Approx 50,000 Sq. Mtr.



WAAREE Solar Cell Manufacturing Facility in Chikhali, India

SAATVIK Solar Cell Manufacturing Facility in Odisha, India



Approx 38,000 Sq. Mtr.

Approx 38,000 Sq. Mtr.



INA Solar Facility in Odisha, India

INOX Solar Facility in Ahmedabad, India



Approx 40,000 Sq. Mtr.

#### OUR GLOBAL PARTNERS





#### **Spectrum Pharmatech**

Head Office:

302 B, Dosti Pinnacle, Road No. 22, Wagle Estate, Thane (W) 400604, Maharashtra, India

#### Branch Office:

Trinity Corporate, 808, JNTU - Hitech City Road, KPHB, Hyderabad 500072, Telangana, India



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