

THE LEADING NAME IN  
DESIGN & ENGINEERING  
SERVICES



**Adhyntra**

ENGINEERING CONSULTANT &  
FABRICATOR



**ADHYNTRA PVT LTD**

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[WWW.ADHYNTRA.COM](http://WWW.ADHYNTRA.COM)

# TURNKEY INDUSTRIAL SOLUTION

At Adhynta Pvt. Ltd., we bring all critical services for industrial plant setup under one roof. Our integrated turnkey approach ensures seamless execution from concept to commissioning. Whether it's process design, pipeline fabrication, or automation, our in-house team of engineers, designers, and technicians handles it all - eliminating the hassle of coordinating with multiple vendors.

## OUR MULTIDISCIPLINARY IN-HOUSE CAPABILITIES COVER THE COMPLETE LIFECYCLE OF YOUR INDUSTRIAL SETUP

### ENGINEERING & DESIGN

- Facility layout, GMP compliant layouts, Process and Utility P&ID, Structural and Piping design. HVAC, cleanroom design, utility schematics (BMS, AHU, RO/DM water).

### EQUIPMENT INSTALLATION

- Supply, installation and commissioning of Reactors, Process/Utility Equipment, Isolators, Lab Equipments, Accessory, etc.

### PHARMACEUTICAL PIPING

- SS316L/SS304/MS/GI piping Purified Water System, WFI, clean steam, CIP/SIP, SS welding (Orbital/Argon) with weld traceability.

### HVAC CLEANROOM SYSTEMS

- Air Handling Units (AHUs), ducting, HEPA filtration, FDV, differential pressure control, temperature/humidity control. Cleanroom Validation.

### ELECTRICAL & AUTOMATION

- Reactor Utility Automation, PLC Solvent Transfer System, PLC/DCS/SCADA integration, Fire alarm System and CCTV, Access control system, Electrical Panel, Cleanroom-compatible lighting,

### UTILITY SYSTEMS

- Boiler, Chilling Plant, Brine Plant, Cooling Tower, RO/DM plant, water storage and distribution System, Air & Nitrogen, vacuum and HVAC utility panels.

### STRUCTURAL EXECUTION

- RCC & structural steel buildings, Pre Engineering Building (PEB) Structure, cleanroom partitioning, Structural utility trenches.

### QA & REGULATORY SUPPORT

- Validation Master Plan (VMP), DQ/IQ/OQ/PQ documentation, SOPs, GMP documentation, CSV compliance support. US-FDA/WHO-GMP/EU-GMP readiness.

**Adhynta**

## ONE TEAM ONE ROOF END-TO-END EXECUTION

### Standards We Adhere To:

- ✓ Design Excellence – ASME, IS, API, ASTM
- ✓ Pharma Compliances – WHO-GMP, USFDA, EU-GMP
- ✓ HVAC Standards – ASHRAE, ISO 14644, SMACNA
- ✓ Safety First – OSHA, ISO 45001

EXPERIENCED  
ENGINEERS

ALL UNDER  
ONE ROOF

FLAWLESS  
EXECUTION

Contact Us

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# Trusted Partner for **INDUSTRIAL FABRICATION**

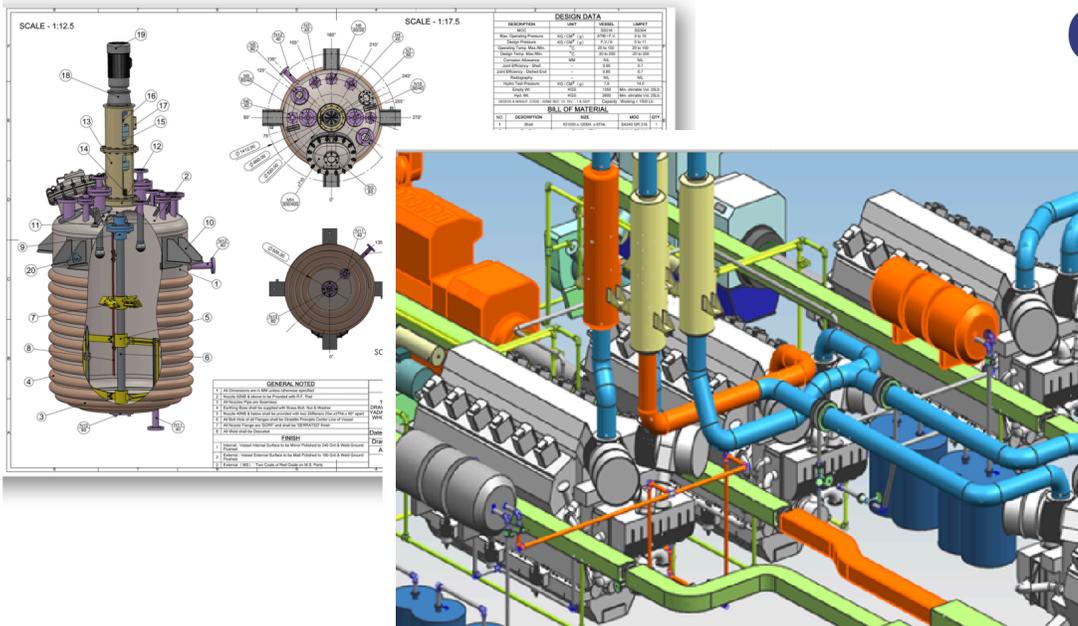
- PHARMACEUTICAL PLANT CONSTRUCTION
- CHEMICAL PLANT DESIGN & ENGINEERING
- FOOD FACILITY DESIGN & CONSTRUCTION
- NUTRACITICAL PLANT DESIGN & CONSTRUCTION
- STRUCTURAL STEEL PLANT DESIGN & ENGINEERING
- ELECTRICAL, FIRE, SAFETY & AUTOMATION SYSTEM



01 →

## CAD Design Drafting

- CONCEPTUAL DESIGN & 3D MODELING
- MECHANICAL STRUCTURAL DESIGN
- MANUFACTURING PLANT LAYOUTS
- CONSTRUCTION SURVEY DRAFTING SERVICES
- 3D WALK THROUGH ANIMATIONS
- PLOT PLAN & EQUIPMENT LAYOUT



02 | →

## UTILITY PIPING & STRUCTURAL FABRICATION

- Process - Utility Pipeline and Structural fabrication- Unit, Cross Country
- Annual Renewable Contract at Unit (ARC)
- Storage & Utility Equipment Fabrication
- Shut Down Jobs / Plant Revamping
- Machinery & Equipment Erection



03 →

## HVAC Solution

### 01 Design & Construction

HVAC System Design & Engineering  
HVAC Energy Audits & Optimization  
Cleanroom Wall, Flooring & Ceiling Systems

### 02 HVAC Installation

HVAC System Manufacturing & Solutions  
Industrial & Cleanroom HVAC Fabrication  
HVAC Piping & Structural Fabrication

### 03 Duct Design & Layout

Duct System Design & Sizing  
Duct Material Selection & Fabrication Design  
Duct Layout & Routing Optimization

### 04 Compliance & Validation

HVAC System Qualification & Validation  
Regulatory Compliance Assessment  
Periodic Re-Validation & Maintenance Audits



## Our Power-Packed Expertise

- ✓ **Intelligent Plant & Process Design**  
– Smart, scalable, and GMP-compliant layouts
- ✓ **Precision Piping & Structural Fabrication** – Built tough, engineered to last
- ✓ **Advanced HVAC & Cleanroom Solutions** – Clean, compliant, and performance-driven
- ✓ **Utility & Process Automation** – Seamless integration for future-ready operations
- ✓ **Regulatory Compliance and Validation** – ASME, ISO, GMP, OSHA — we check every box!

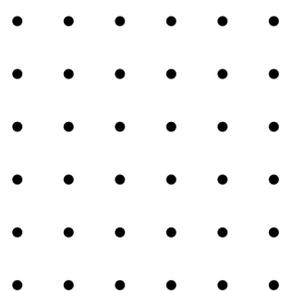
## Our Clients :



And many more.....

## ADHYNTRA PRIVATE LIMITED

Mfg. Unit: F 1/A, Plot No. K-3, B-wing,  
Udyog Bhavan, Add. Ambernath MIDC,  
Ambernath (East), Dist.-Thane 421506



## Project Scoping



- Receive inputs, instructions, images, or templates
- Briefing Team

## Pilot Project



- Design review
- Drafting based on the specification
- Client approval

## Project Planning



- Allocate resources
- Decide timeline & milestones
- Decide technology & support

## Project Execution



- Execute using our piping & fabrication services
- Support for manufacturing equipment or spare
- Monitor Project milestones

## Project Delivery



- Running trial and testing of system
- Documentation
- Fine tune if needed

Contact Us:

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