



पी डी आई एल
PDIL

PROJECTS & DEVELOPMENT INDIA LIMITED

(An ISO 9001 : 2015 Mini Ratna-I Govt. of India Undertaking)



About Us...



PROJECTS & DEVELOPMENT INDIA LIMITED is a Mini Ratna- I Government of India Undertaking under Department of Fertilizers; with ISO 9001:2015 & OHSAS 18001:2007 Certification and ISO/IEC 17020:2012 Accreditation.

We are a Premier Engineering & Project Management Consultancy Organization in India with experience of nearly 7 decades in Planning, Design, Engineering, Procurement, Project Management, Construction and Commissioning of Fertilizer Projects and Allied Chemical Plants in India and abroad. Since inception, PDIL has been playing lead role in Design, Engineering and Construction of almost all major grass root Nitrogenous Fertilizer Projects in India.

Utilizing its strong technical base, expertise, experience and achievements, PDIL has diversified in Oil & Gas, Refinery, City Gas Distribution and Infrastructure Projects.

PDIL provides complete range of services covering Pre-Project Activities and Project Engineering Activities for projects starting from concept to commissioning. Specialized services provided by PDIL include Feasibility Study, HAZOP study, Due Diligence Study, Energy Audit, Safety Audit, Electrical Audit, Environmental Study, etc.

FERTILIZERS

Greenfield/ Brownfield/ Expansion

Ammonia Plants	32
Gas Based	21
Coal Bed Methane	1
Naphtha based	5
Fuel Oil based	3
Coal based	2
Urea Plants	44

Offsites & Utilities

DM Water Plants	65
Effluent Treatment	33
Material Handling	28
Ammonia Storage	34



Capacity Enhancement/ Energy Saving/ Feedstock Conversion

	Ammonia	Urea
Feedstock Conversion	5	NA
Capacity Enhancement	16	19
Energy Saving	10	18
Other Revamps	6	2





KEY MILESTONES

2*2100 MTPD Ammonia & 2*3675 MTPD Urea Plant at Algeria
World's Largest Fertilizer Complex delivered in single phase



2200 MTPD Ammonia Plant at Australia
World's the then largest single stream gas-based Ammonia Plant



2200 MTPD Ammonia Plant at West Bengal
World's First Coal bed Methane based Ammonia Plant



2*1890 MTPD Ammonia & 4*1662.5 MTPD Urea Plant at Gujarat
Largest single location Urea Plant in India

Capacities Handled

Ammonia: 600-2200 MTPD

Urea: 500-3850 MTPD

Feed Stocks

Natural Gas, Associated Gas, Coal bed Methane, Coal, Fuel Oil, Naphtha

Process Licensors

Ammonia -HTAS, KBR, Ammonia Casale

Urea -SAIPEM, Stamicarbon, Urea Casale, Toyo

GLOBAL PRESENCE

Abu Dhabi, Afghanistan, Algeria, Australia, Azerbaijan, Bahrain, Bangladesh

Brazil, Burma, Canada, Egypt, Gabon, Ghana, Indonesia, Iran, Jordan

Malaysia, Nigeria, Oman, Philippines, Syria, Tanzania, Tatarstan Republic

USSR, Uzbekistan, Venezuela, Vietnam, Zambia, etc.

DIVERSIFIED SECTORS

“ Over the years, PDIL has successfully diversified its technological / engineering expertise in Oil and Gas Sector”



PDIL has engineered a breakthrough Project at Mathura based on the Technology developed by Indian Oil's R&D Centre; which converts C-4 streams from Catalytic Cracker and/or Naphtha Cracker units to high octane gasoline (petrol) blending stream, thereby enabling compliance with stringent fuel quality norms. Despite of a naive Technology base, the project was completed much ahead of the targeted schedule & without any cost overrun. The blending octane number of the sample drawn from the newly commissioned unit was much higher than the guaranteed figure.





OFFSITES & UTILITIES

- Water Treatment, Supply & Distribution
- Power Generation, Transmission & Distribution
- Steam Generation
- Effluent Treatment
- Raw Material / Product Storage & Handling
- Fire Fighting System
- Control Systems (incl. automated)
- Urea Prilling Towers
- Instrument Air system
- Inert Gas Generation Plant
- Cooling Towers
- Yard Piping
- Plant & Non-Plant Buildings



PDIL is working as PMC for Cluster Development Programme of Pharma Sector for Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers.



CHEMICAL PLANTS



In addition, PDIL has 8 Methanol Projects to its credit with capacities ranging from 50-1800 MTPD

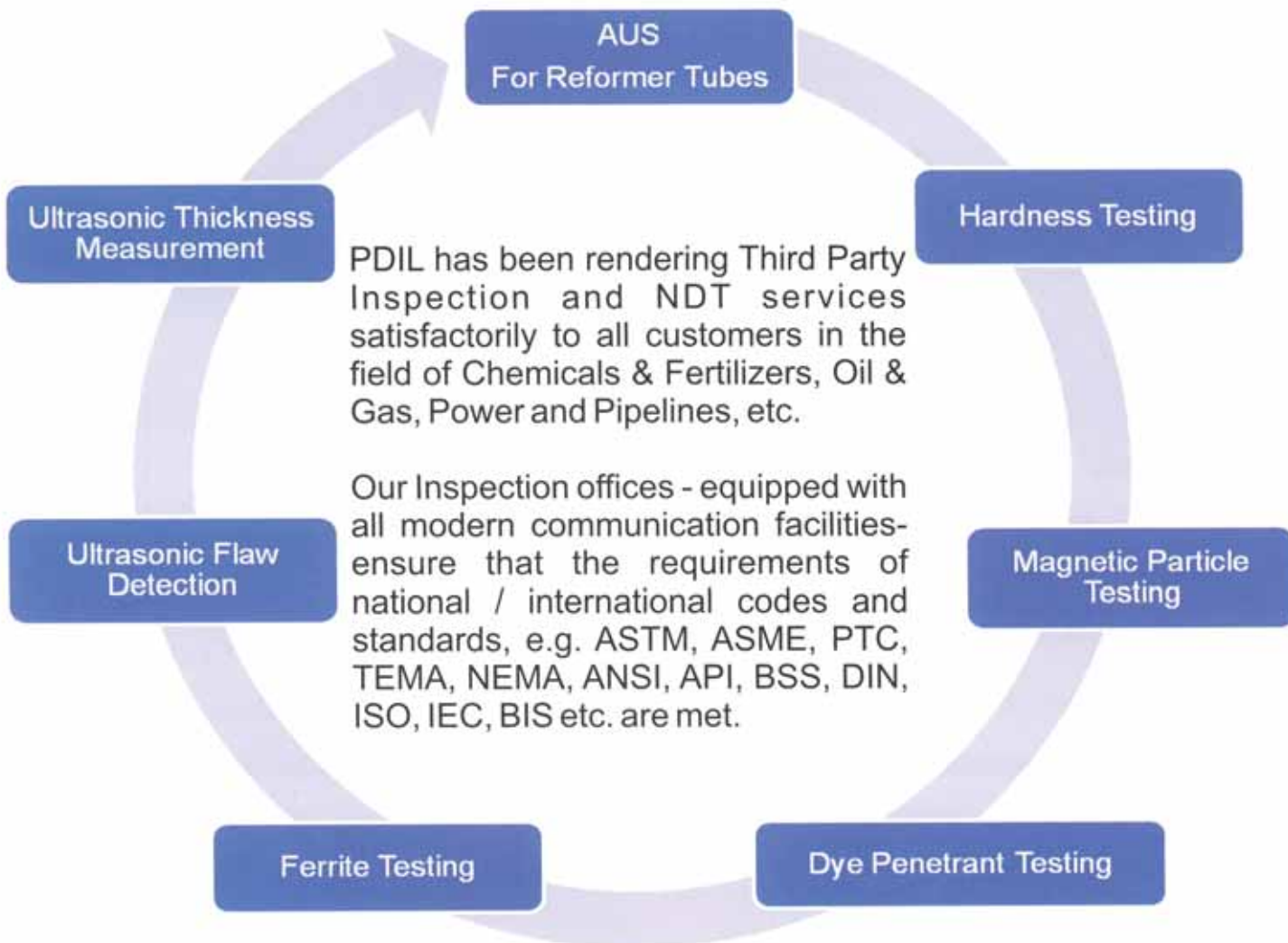


INFRASTRUCTURE

5 nos. Township comprising of 60 to 700 flats

Accommodation project for Ministry of Defence, Govt. of India-16 locations comprising of 300-2000 flats per location

INSPECTION & NDT SERVICES



INSPECTION SERVICE

**FERTILIZERS
PIPELINES
OIL & GAS
PETROCHEMICALS
REFINERY
POWER**

Services Offered

- Statutory Certification
- Project / Third Party Inspection
- Work Assessment / Evaluation of Vendors
- Residual Life Assessment
- Periodic Health Assessment of Plants & Equipments



“PDIL has maximum expertise and experience in India in the inspection of rotating machinery like Centrifugal Compressors, Gas Turbines used in the fertilizer and allied industries”

Inspected large number of the Centrifugal Compressors manufactured by BHEL, Hyderabad.

Inspected the first gas turbine manufactured in India by BHEL (in Technical Collaboration with General Electric (USA))

Our Clientele: RINL, NLCL, Delhi Transco Ltd., HPCL, IOCL, BPCL, Andhra Pradesh / Telangana Foods, JIFCO, NDMC, PWD, State Water Bodies, State Public Health Engineering Departments, various DISCOMs, etc.



MAJOR CLIENTELE



SERVICES OFFERED

<ul style="list-style-type: none"> • Market Demand Study • PFR/TEFR/DFR/BFR • Site Related Services • EIA & RA 	<p>PRE-PROJECT SERVICES</p>	<p>ENGG. & PROJECT MGT.</p>	<ul style="list-style-type: none"> • Project Engineering Services <ul style="list-style-type: none"> • Detailed Engineering • Procurement Services • Project Mgt. & Scheduling • Construction Management • Commissioning • Project Management Consultancy
<ul style="list-style-type: none"> • Project & TPI (Shop & Field) • Work Assessment & Evaluation of Vendors 	<p>Inspection & NDT</p>	<p>Other Specialized services</p>	<ul style="list-style-type: none"> • HAZOP Study & Due Diligence Study • Energy / Electrical / Safety Audit • Revamp/De-bottlenecking Studies • OISD Norms Study • Environment Engineering • SSP Audit



OUR INSPECTION OFFICES

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