

YOUR PARTNER IN:

**Integrated Engineering, Fabrication,
Construction and Comissioning of
Various Plants Equipments**



www.puspetindo.com

COMPANY PROFILE

Quality Certifications



THIS IS WHO WE ARE

We are **PUSPETINDO...**





PUSPETINDO
Integrated Manufacturing





Jonni Kurniawan Siregar
DIRECTOR

FOREWORD

Dear Valued Partners,

On behalf of PT. Puspertino, I would like to extend our sincere gratitude for your trust and support in allowing us to your projects, both nationally and internationally.

Since our inception in 1992 as a fabricator specializing in Pressure Vessels and Heat Exchangers, PT. Puspertino has significantly evolved. We have expanded our capabilities to encompass the design, fabrication, erection, and commissioning of a wide range of process equipment, including Pressure Vessels, Heat Exchangers, Tanks, Columns, Towers, and pipelines. Our comprehensive approach integrates sub-process systems across the Petrochemical, Oil and Gas, and other Process Industries.

This growth aligns with the increasing market demand for high-quality products and services. We take pride in offering a full suite of solutions that includes engineering, fabrication, construction, and commissioning. Our commitment extends to providing maintenance guarantees, ensuring that our products function reliability throughout their lifecycle.

We have fostered synergy between our manufacturing and field units to enhance our service delivery. This integration enables us to better meet your needs and uphold our responsibility for the equipment we produce.

We are committed to achieving the highest standards and delivering exceptional service, which drives our continuous growth and resilience. Once again, we thank you for your ongoing support and contributions. We remain dedicated to pursuing sustainable growth and meeting the expectations of all our stakeholders.

Thank you for your partnership.

Warm regards.

WHO WE ARE

PT. PUSPETINDO

PT. Puspertino is a nation-leading industrial company offering engineering services and manufacturing of plants equipments in a wide selection. We build equipments for the sustainable processing and flow of natural resources in various industries such as oil and gas, mining, petrochemical, fertilizer, power plant, and process industries.

PT. Puspertino is a leading fabrication company established in 1992, initially operating at the Petrokimia industrial compound. Over the decades, we have grown into a highly specialized firm with a focus on manufacturing plant and process equipment for large and medium-scale industries.

Our expertise in fabrication has positioned us as one of Indonesia's top manufacturers of technical equipment and engineering solutions. We are trusted to build some of the world's most complex equipment, serving high-profile clients such as Pertamina, Pupuk Sriwidjaja, and Petrokimia.

At PT. Puspertino, our integrated approach encompasses basic and detailed engineering, advanced technological procedures, procurement, fabrication and testing, all while adhering to stringent quality standards and delivery schedules. This enables us to efficiently meet the demands of both domestic and global clients in core industries.

Our management is committed to excellence and ethical conduct, ensuring that our independent Quality Control team provides rigorous inspection services and continuous assessment. Our skilled and qualified personnel, equipped with the largest in-house facilities, comply with both national and international codes and standards.

PT. Puspertino excels across various sectors and specialize in the following areas:

► **Heat Transfer Equipments**

Designing and manufacturing equipment for efficient thermal energy transfer.

► **Storage Equipments**

Developing reliable solutions for the storage of various substances, ensuring safety and efficiency.

► **Erection & Site Fabrication**

Providing on-site assembly and fabrication services to meet specific project requirements.

► **Pressure Vessels / Process Equipment**

Producing high-quality vessels and equipment for handling and processing fluids under pressure.

► **Specialty Equipments**

Creating customized equipment tailored to unique industrial needs and applications.

► **Piping & Steel Structures**

Engineering and constructing piping systems and steel frameworks for robust infrastructure.

PT. Puspertino's ownership is distributed among several key stakeholders, reflecting a diverse structure of equity participation:

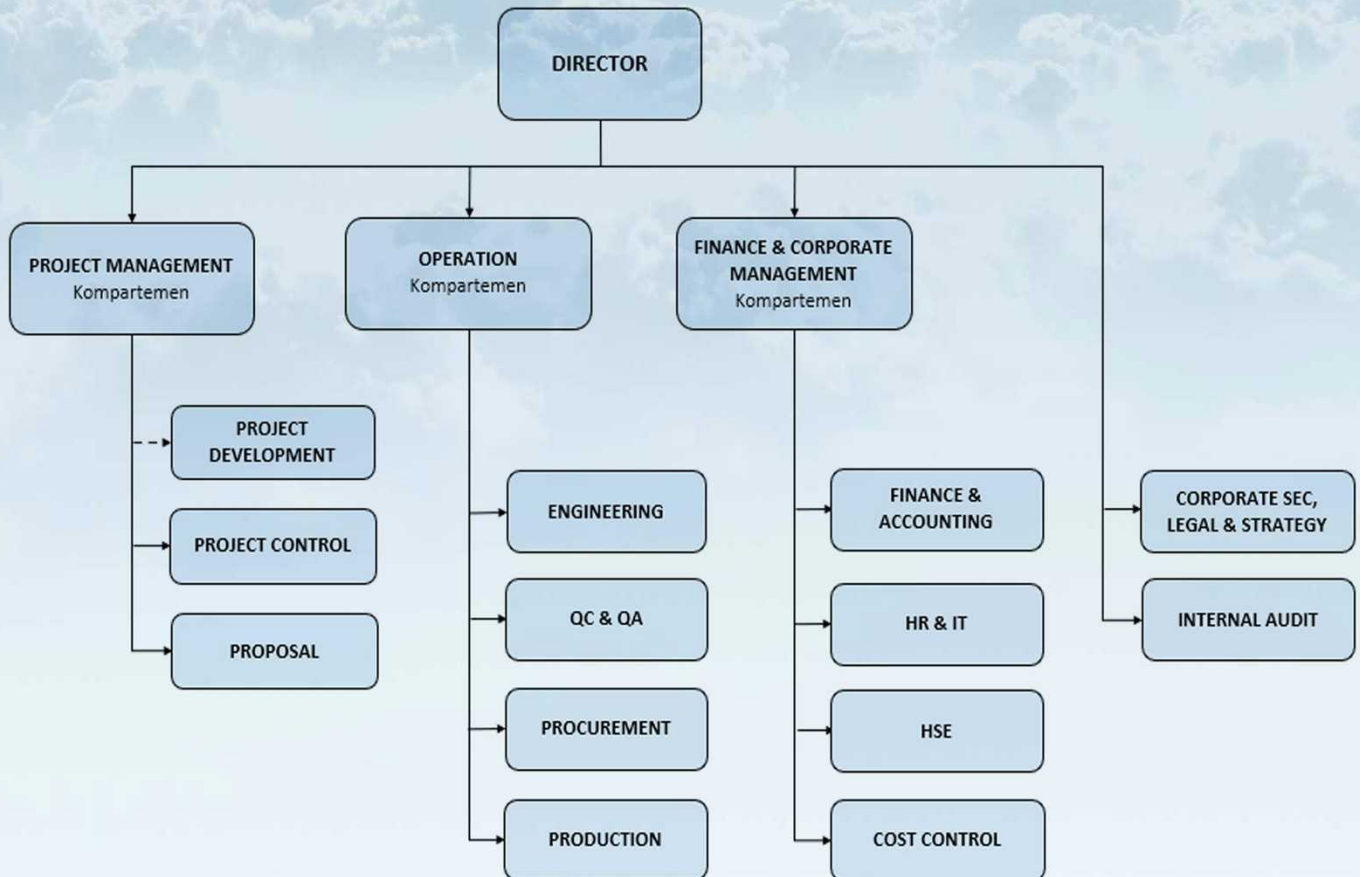
- PT. Rekayasa Industri
94.32% share of equity
- PT. Pupuk Sriwidjaja Palembang
2.31% share of equity
- PT. Petrokimia Gresik
2.31% share of equity
- Babcock Borsig Aktiengesellschaft
1.07% share of equity

This structure ensures a robust governance framework with significant involvement from major industry players, contributing to PT. Puspertino's strategic direction and operational excellence.

Our diverse expertise enables us to deliver comprehensive solutions across multiple industries, ensuring high performance and reliability in every project.

ORGANIZATION CHART

PT. PUSPETINDO



THE JOURNEY OF

PT. PUSPETINDO & THE SHARE HOLDERS

22 March 1990
Established

Share holders:
PT. Pupuk Sriwidjaja
PT. Petrokimia Gresik
PT. Rekayasa Industri
PT. Petrolindo Citra Industri

30 July 1992
Inaugurated by
Soeharto, President of
Indonesia.

1993 is the commercial
period of the company.

1 October 1993
Inflow of foreign capital
from Balcke Durr, AG
German

Share holders:
PT. Pupuk Sriwidjaja
PT. Petrokimia Gresik
PT. Rekayasa Industri
PT. Mapindo Parama
Balcke Durr, AG German

27 May 2004
Restructured by
converting Payable into
shares of PT. Central
Trust Indonesia

Share holders:
PT. Pupuk Sriwidjaja
PT. Petrokimia Gresik
PT. Rekayasa Industri
PT. Mapindo Parama
Balcke Durr, AG German
PT. Central Trust Indonesia

29 September 2014
Acquisition / transfer of
shares by PT. Central
Trust Indonesia to
PT. Rekayasa Industri
amounting to 86.52%

Share holders:
PT. Pupuk Sriwidjaja
PT. Petrokimia Gresik
PT. Rekayasa Industri
Balcke Durr, AG German

vision

To become a world-class, reliable, and trusted integrated fabrication company, renowned for delivering exceptional engineering and manufacturing solutions.

mission

To provide manufacturing products and additional services that deliver comprehensive industry solutions, adding significant value to our stakeholders.

value

Persuant to Circular Letter of Ministry of State Owned Enterprises 7.MBU.07.2020 concerning AKHLAK as Basic Values of State Owned Enterprises, Puspेतindo also applies AKHLAK to all employees as their behavioural guidelines in fulfilling the duties and responsibilities. Values in AKHLAK consist of:

A	Amanah / Trustworthy Maintain the trust that has been given
K	Kompeten / Competence Continuously learning and developing capabilities
H	Harmonis / Harmony Caring for each other and respecting differences
L	Loyal / Loyalty Dedicated and prioritizing the interest of the Nation and the State
A	Adaptif / Adaptive Continue to do innovation and enthusiastic in driving or dealing with change
K	Kolaboratif / Collaborative Building a synergetic team work

what made us strong

It's no secret that PT. Puspेतindo's solid engineering and technical expertise have provided a robust foundation for our manufacturing process. The extensive domestic market has played a crucial role in our growth, allowing us to learn, gather valuable references, and accumulate extensive experience.

In conclusion, the keys to our successful operation are:



Our People

PT. Puspेतindo is made up of extraordinarily strong, loyal and talented individuals and their collective passion for results. Our people have the collaborative approach and the drive to success. Their self consciousness encouraged each personal achievement on a daily basis.



Our Experience

When it comes to large scale manufacturing process, experience is everything. PT. Puspेतindo had have experience since 1990 and manufacturing process equipments. Our manufacturing engineers have the average experience of more than five years on various stages of manufacturing process.



Our Innovation

Day by day, PT. Puspेतindo is always improving every aspects of processing stage with new innovation on manufacturing. We build better design, measurement, and improvement of all aspects on the manufacturing process. As a result, our manufacturing processes become more productive and efficient.



FABRICATION SPECIALTIES



HEAT TRANSFER EQUIPMENTS

- ▶ Shell & Tube type Heat Exchangers (fixed head, floating head, U-tube type)
- ▶ Condensers, Evaporator
- ▶ Waste heat boilers
- ▶ Steam drums, Economisers,
- ▶ Super heaters Fin-tube exchangers (Air coolers, heaters)



PRESSURE VESSELS / PROCESS EQUIPMENTS

- ▶ Distillation/absorption columns
- ▶ Separators, filters, strippers
- ▶ Agitators, Polymerisation vessels
- ▶ Jacketed vessels, limpet coils
- ▶ Cryogenic vessels, Vacuum vessels, Deaerators
- ▶ Boiler components – chimney, ducting & fan casings, and any kind of mobile vessels such as tankers for LPG, Ammonia, etc.



STORAGE EQUIPMENTS

- ▶ Bulk LPG storage bullets
- ▶ Oil/Gas storage tanks
- ▶ Air receivers, gas holders
- ▶ Storages silos
- ▶ Tanks for storage of acids and other chemicals



SPECIALTY EQUIPMENTS

- ▶ Primary & secondary reformers
- ▶ EDC Crackers
- ▶ Rotary/Fluidized bed dryers
- ▶ Hydrocrackers
- ▶ Cyclones, Scrubbers
- ▶ Turbine casings, penstocks
- ▶ Rotary Kilns, calciners, and digesters
- ▶ ESP casings, stacks, fermentators and other custom-built equipments

PRODUCTION CAPABILITIES

We fabricate a wide range of plant equipment

Offering versatile solutions to meet diverse industrial requirements. Quality and sustainability are at the core of everything we build. Adhering to international engineering standards, we ensure that our work meets and often exceeds expectations.

Our expertise includes the engineering and manufacturing of Pressure Vessels, Towers, Heat Exchangers, Boilers, Condensers and other Plants Equipment for various process industries. We comply with international codes and standards, delivering tailored solution in Carbon Steel, Alloy Steel, and other special materials, according to customer specifications.



PROFESSIONAL ENGINEERING CAPABILITIES

DESIGN AND ENGINEERING	DESIGN CONSTRUCTIONS	MECHANICAL DESIGN SOFTWARES	DRAFTING AND SUPPORT
▶ Mechanical Design ▶ Thermal Design ▶ Shop Drawings ▶ Material Bill of Quantities & Specifications ▶ Fabrication Procedure ▶ Welding Procedure	▶ ASME Boiler & Pressure Vessel Sect. VIII Div. 1 and Div. 2 ▶ Power Piping (B 31.1) & Gas Piping (B 31.8) ▶ Heat Exchanger (TEMA-R, C and B Type) ▶ Air Cooled Heat Exchanger (API 661) ▶ Storage (API 650 & 620), JIS, etc.	▶ PV Elite for Mech. Design of ASME Sec. VIII Div. 1 and Div. 2 ▶ HTRI for Thermal Design ▶ AME Tank (API 650 & 620) for Storage Tank ▶ ANSYS Autodesk Inventor Pro (Finite Element / Stress Analysis)	▶ Autodesk AutoCAD ▶ Autodesk Inventor Pro for 3D Modeling



PUSPETINDO IS ASME CERTIFIED

✔ ASME "R" ✔ ASME "S" ✔ ASME "U" ✔ ASME "U2"

OUR EXTENDED SERVICES

In addition to our core manufacturing capabilities, we offer a comprehensive range of extended services to support your project from start to finish:

1. **Design and Engineering:** Tailored solutions with in-depth design and engineering expertise to meet specific project needs and industry standards.
2. **Custom Fabrication:** Bespoke fabrication services for unique requirements, ensuring precision and quality in every component.
3. **Installation and Commissioning:** Professional installation and commissioning services to ensure seamless integration and operational efficiency.
4. **Maintenance and Support:** Ongoing maintenance and technical support to keep your equipment running at peak performance.
5. **Inspection and Testing:** Rigorous inspection and testing services to guarantee compliance with safety and quality standards.
6. **Upgrades and Modifications:** Flexible options for upgrading or modifying existing equipment to enhance performance or adapt to new requirements.
7. **Consulting Services:** Expert consulting to provide insights and recommendations for optimizing equipment and processes.

Each of these services is designed to provide added value and ensure that your projects are completed successfully, on time, and to the highest standards.



FIELD INSTALLATION

Field Installation Atmospheric
Flash Tank Muaralaboh



COMMISSIONING

Commissioning Modernization
Facilities LOBP Pertamina Gresik



EQUIPMENT RENTAL

Rental Turning Roll 500 Ton in JTB
Gas Development Project Bojonegoro



Certification in recognition of the organization's Quality Management System which complies with
ISO 9001:2015

With the scope of activities:

Design, Shop Fabrication, Field Installation and Commissioning of Pressure Vessel, Heat Exchanger,
Piping and Storage Tank.





OUR MOTTO

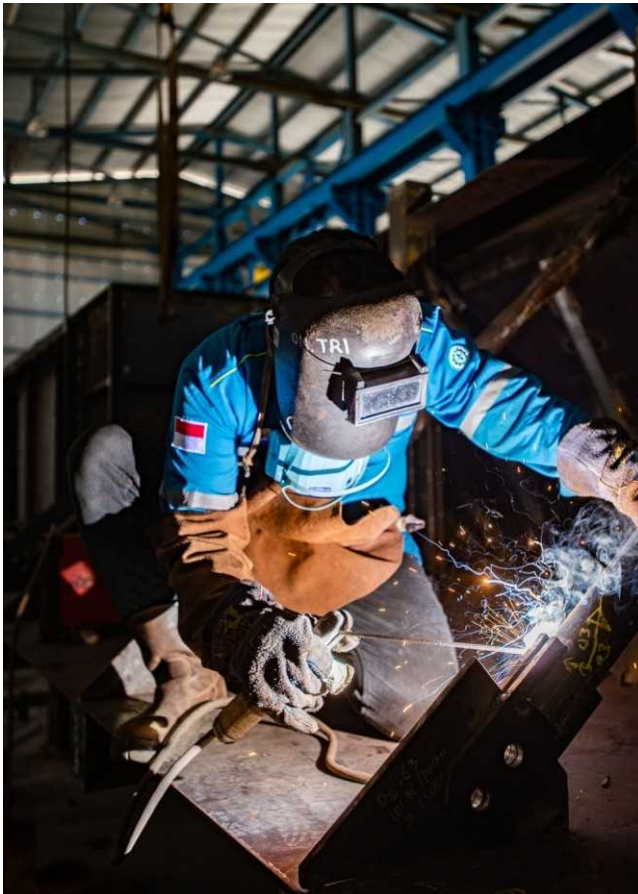
"Quality is our first priority" is a business motto of the company. This means on every project entrusted to us, our goal is to bring out the best result which stands out and above the average.

OUR CULTURE

- Prioritize quality
- Cooperation oriented
- Always right to execute the job
- Productive & efficient at implementation
- Effective and on time delivery
- Continues improvement
- Innovative & proactive on every action
- Intention to be live clean
- Support of qualified human resources support
- Customer satisfaction oriented

COMPREHENSIVE FACILITIES

Marking
Cutting and Beveling
Forming & Bending
Assembly & Handling
Machining
Welding
Hydrostatic Testing
Sandblast and Painting



MATERIAL OF CONSTRUCTIONS

We use diverse array of high-quality materials to ensure the durability, performance, and safety of our equipment. Our materials include:

CARBON STEELS

Typically

ASTM 515, 516, 285, BS.1501, DIN.17155 & JIS.SS400.

STAINLESS STEELS

Austenitic Grades

304, 310, 316, 321, 347, 304L, 316L, etc.

Ferrites Grades

410, 430.

ALLOY STEEL

Cr-Mo Steels

1Cr-½Mo, 1¼Cr-½Mo, 5Cr-½Mo, etc.

Mn-Steels, Ni-Steels, etc.

CLAD STEELS

Steels Cladded with various grade of Stainless steel, Cupro Nickels, Monels, etc.

OTHERS MATERIALS

Cupro-Nickels, Monel, Inconel, Incolloy, etc. Aluminum & its alloys.

AREA OF FACILITY

Covered Workshop-1 Area	1,632 m2
Open Yard	6,937 m2
Office Space	1,206 m2

BUSINESS COVERAGE

OIL & GAS INDUSTRIES

FERTILIZER PLANTS

POWER PLANTS

CEMENT PLANTS

PETROCHEMICAL & CHEMICAL PLANTS

STEEL PLANTS

EXPORT MARKETS

FOOD

WATER TREATMENT

OUR PEOPLE

THE STRENGTH OF PT. PUSPETINDO

For years PT. PUSPETINDO strives through the global competition era, and all such achievements are due to the merits of our people. Our company is a company that always offer new technology continuously, this is the result of teamwork that never stop following the times and always looking for new breakthrough to improve efficiency.



INTEGRATED SERVICES OF **PT. PUSPETINDO**

Engineering



Fabrication



Construction



Comissioning



Warranty Maintenance



Extended Warranty

PROJECT REFERENCES **PT. PUSPETINDO**



H2S Absorber – Jambaran Tiung Biru Gas Dev Project
PT PERTAMINA EP CEPU



Selexol Regenerator – Jambaran Tiung Biru Gas Dev Project
PT PERTAMINA EP CEPU



Pig launcher & Receiver – Jambaran Tiung Biru Tiung Biru Gas
Development Project
PT Pertamina EP Cepu



Tank Transformer 60 MVA
PT Perusahaan Listrik Negara



Loaded Carbon Vessel – Oxide Expansion
PT Bumi Suksesindo



PT. Pertamina UP V
Balikpapan



Gas Receiver
Total E&P Indonesia



Structure Astoria Project
Australia



Front End Deethylenizer ROPP
Pertamina UP VI Balongan



Surface Condenser Fuel Mauritius, Power Plant Project South
Africa



Three Phase Separator
Pertamina - Petrochina East Java



Pressure Vessel Project Smelter
PT Chiyoda International - Manyar



Scrap Charging Bucket
PT. Ispatindo Surabaya



Vacuum Tower L - Project
Pertamina UP II Dumai



Project Epc Filling Plant
PT Industri Nabati Lestari



Medium Vessel
Pertamina RDMP Balikpapan



Pembangunan Workshop Puspertino
Puspertino Gresik



Repair Valve
Pertamina EP



Repair Valve
TBBM Padalarang



Repair Valve
Pertamina EP

INTEGRATED FIELD INSTALLATIONS, COMMISSIONING & RENTAL ACTIVITIES



PT. PUSPETINDO is engaged in integrated projects covering Engineering, Fabrication, Construction, Commissioning, and Equipment Rental. By harnessing the synergy between our manufacturing and field units, we provide comprehensive solutions that ensure convenience and efficiency for our customers.

Integrated Engineering, Manufacturing Construction and Commissioning (EMCC) is a series of production processes intended as PT Puspेतindo's ability to produce equipment with a guarantee that the product can be installed and functioning properly. During the process, we also provide rental of equipment needed to construct and erect the projects. Feel free to discuss any opportunity for your next project. Our field consultant and engineers will be ready to provide the best possible solution. See some of our field references, showing our capabilities and our involvement in the project, not limited as an equipment manufacturer or contractor, but instead as a consultant who provides creativity and intelligent problem solving ideas.

PT. PUSPETINDO INTEGRATED MANUFACTURING EXPERIENCE

FIELD FABRICATED TANK FOR LOMBOK CFSPF FTP-2 (2 X 50MW) PROJECT

PT. Perusahaan Listrik Negara



INVOLVEMENT

PT. PUSPETINDO addresses the full scope of requirements for the Lombok Coal Fired Power Plant Project, including design, engineering, material procurement, fabrication, installation, testing, and painting of field-fabricated tanks and their accessories.

PT. PUSPETINDO INTEGRATED MANUFACTURING EXPERIENCE

REPLACEMENT DIGESTER R2302 C

PT. Petrokimia Gresik



INVOLVEMENT

PT. PUSPETINDO is involved in the provision of new machines, dismantling and installing equipment and electrical systems, conducting field inspections and testing, and supplying spare parts for commissioning and operation for a period of two years

PT. PUSPETINDO INTEGRATED MANUFACTURING EXPERIENCE

SEPARATOR STATION SS1 ATMOSPHERIC FLASH TANK AND INLET PIPE

Muaralaboh Geothermal Power Plant



INVOLVEMENT

PT. PUSPETINDO is involved in preparing mechanical design, engineering, material supply, fabrication, installation, inspection, and field testing. We also provide a 12-month warranty period for goods followi mechanical completion.

PT. PUSPETINDO INTEGRATED MANUFACTURING EXPERIENCE

MODERNIZATION OF FACILITIES IN LOBP GRESIK PRODUCTION UNIT

Pertamina Lubricant



INVOLVEMENT

PT. PUSPETINDO handles mechanical design, engineering, material supply, fabrication, installation, inspection, and field testing. We also offer a 12-month warranty period for goods following mechanical completion.

PT. PUSPETINDO INTEGRATED MANUFACTURING EXPERIENCE

MAINTENANCE & RENTAL



PT. PUSPETINDO INTEGRATED MANUFACTURING EXPERIENCE

MAINTENANCE

Valves Maintenance & Repair

BEFORE



AFTER



24 INCH TWIN SEAL PLUG VALVE

BEFORE



AFTER



42 INCH GATE VALVE

LET'S GET IN TOUCH



PT. PUSPETINDO is fully dedicated to serving our customers and finding the best solutions to meet their expectations

We invite you to share more about your company and upcoming projects with us. We look forward to the opportunity to introduce ourselves and demonstrate our capabilities.

Please leave a message at:
info@puspetindo.com
mkt@puspetindo.com

Or dial our hotline at:
+62 31 99103048





PUSPETINDO
Integrated Manufacturing

NOTES



PUSPETINDO
Integrated Manufacturing

LEADING THE MANUFACTURING INDUSTRY SINCE 1990

In The World of Complex Engineering Services
And Manufacturing Of Plants Equipments,
Experience Counts!

www.puspetindo.com



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This material and this publication have been provided by PT. Puspetindo and is a general background on our current activities at the date of this publication. The information is given in summary and does not purport to be complete. This publication may contain forward-looking statements, including statements regarding our intent, belief or current expectation with respect to our business and operations, market conditions, and anticipated results of operation.