



EXPERIENCE LIST

INDUSTRIES

EXPERIENCE LISTS

PROJECTS AND PLANT CONSULTANCY / ENGINEERING

PSS Asia provides expert project and plant consultancy, delivering integrated engineering solutions for renewable energy facilities—from feasibility and design to execution and operation. We specialize in optimizing performance, ensuring compliance, and enabling bankable, future-ready infrastructure.

ENGINEERING

Great engineering consultancy is more than expertise—it's the vision to solve complex problems and the precision to turn ideas into impactful solutions.



Experience List



I. WORK CATEGORY (WC) DESCRIPTION: PROJECTS AND PLANT CONSULTANCY / ENGINEERING

Project 1: Import Gas Pipeline Design and Construction

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Projects and Plant Consultancy / Engineering
PO/Contract Number	12110-EWT
Client	1. Engru Fertilizers: Design and detailing of import gas pipelines. 2. Previous Exxon Chemicals: Construction of a 26 km, 10" gas pipeline from the wellhead.
Project Duration	July 2013 – October 2013
Location	Dadu, Pakistan
Total Project Value	USD 21.17 million
Value for This Category	USD 2.96 million
Project Description	Import Gas Pipeline Design and Construction
Scope of Work	Supply of manpower, equipment, and supervision for design, detailed engineering, construction, and commissioning of the pipeline. Negotiations and agreements for the right-of-way were included.

Project 2: POGC Gas Processing Plant Extended Well Test Facility

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Engineering and Construction for Gas Processing Plant
PO/Contract Number	12110-EWT
Client	Polish Oil and Gas
Project Duration	January 2013 - July 2013
Location	Dadu, Pakistan
Total Project Value	\$69.35 million
Value for This Category	\$12.48 million
Project Description	EWT Facility Engineering, Construction Works, and Commissioning
Scope of Work	Provide the necessary manpower, equipment, and supervision for the design, detailed engineering, construction, and commissioning of the plant facilities.

Experience List



I.WORK CATEGORY (WC) DESCRIPTION: PROJECTS AND PLANT CONSULTANCY / ENGINEERING

Project 3: Yara Desalination Plant Construction

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Desalination Plant Engineering and Construction
PO/Contract Number	OPS-0213
Client	Yara Pilbara Pty Ltd
Project Duration	June 2010 - July 2011
Location	Karratha, Western Australia
Total Project Value	AUD 127.40 million
Value for This Category	AUD 28.02 million
Project Description	New Desalination Plant Engineering, Construction Works, and Commissioning
Scope of Work	Supply of manpower, equipment, and supervision for design, detailed engineering, construction, and commissioning of the plant facilities.

Project 4: Yara Ammonia Plant Planned Turnaround

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Turnaround Management
PO/Contract Number	OPS-0105-001-040
Client	Yara Pilbara Pty Ltd
Project Duration	June 2012 – July 2012
Location	Karratha, Western Australia
Total Project Value	AUD 19.20 million
Value for This Category	AUD 2.49 million
Additional Financials	Total Cost: AUD 5.26 million
Project Description	Total Turnaround Management of the Ammonia Plant
Scope of Work	Undertake the supply of manpower, equipment, and supervision for the revalidation of safety equipment, fabrication and modification works, general shutdown maintenance activities, including the repair and refurbishment of plant and equipment, and manage subcontractors for various works with a peak manpower of 215.

Experience List



I.WORK CATEGORY (WC) DESCRIPTION: PROJECTS AND PLANT CONSULTANCY / ENGINEERING

Project 5: BFPL Engineering & Consultancy Services for Ammonia Plant

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Engineering & Consultancy Services for Ammonia Plant Operations
PO/Contract Number	LOI 06.01.2010
Client	Burrup Fertilizers Pty Ltd
Project Duration	June 2008 - August 2008
Location	Karratha, Western Australia
Total Project Value	USD 14.6 million
Value for This Category	USD 14.6 million
Additional Financials	Total Cost: USD 4.0 million
Project Description	Ammonia Plant Engineering and Consultancy for Operations
Scope of Work	Conduct an engineering study to address various plant issues, including modifications to the loading arm, performance improvements for the primary reformer, enhancements to the closed cooling water loop, additional compression requirements for ammonia storage tanks, and improvements to the front-end vent system.

Project 6: Engineering & Consultancy Services for Derby Fertilizer and Petrochemicals Complex (DFPC), Australia

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Engineering & Consultancy Services for Ammonia Plant Operations
PO/Contract Number	LOI 07.02.2021
Client	Derby Fertilizer and Petrochemical Complex Pty Ltd
Project Duration	January 2021 - Present
Location	Derby, Western Australia
Total Project Value	USD 15.0 million
Value for This Category	USD 5.6 million
Project Description	Ammonia Plant Engineering and Consultancy for Operations
Scope of Work	Conduct an engineering study to address various plant issues, including modifications to the loading arm, performance improvements for the primary reformer, enhancements to the closed cooling water loop, additional compression requirements for ammonia storage tanks, and improvements to the front-end vent system.

Experience List



I.WORK CATEGORY (WC) DESCRIPTION: PROJECTS AND PLANT CONSULTANCY / ENGINEERING

Project 7: Engineering & Consultancy Services for Allied Methanol Pty Ltd. Integrated Methanol and Blue Ammonia Plant in Darwin, NT

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Engineering & Consultancy Services for an integrated Methanol and Blue Ammonia Plant
PO/Contract Number	LOI 03.03.2020
Client	Allied Methanol Pty Ltd.
Project Duration	March 2020 - Present
Location	Darwin, Northern Australia
Total Project Value	USD 10.0 million
Value for This Category	USD 8.9 million
Additional Financials	Total Cost: USD 3.5 million
Project Description	Methanol and Ammonia Plant Engineering and Consultancy for Operations
Scope of Work	Conduct an engineering study to address various plant issues, including modifications to the loading arm, performance improvements for the primary reformer, enhancements to the closed cooling water loop, additional compression requirements for ammonia storage tanks, and improvements to the front-end vent system.

Project 8: Engineering & Consultancy Services for APAC CMC, Spain

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Engineering & Consultancy Services for an Integrated Solar Farm, Green Hydrogen and Green Ammonia Production Facility
PO/Contract Number	LOI 016.06.2023
Client	APAC CMC, Spain
Project Duration	June 2023 - Present
Location	Gove Peninsula, Northern Australia
Total Project Value	USD 15.0 million
Value for This Category	USD 7.8 million
Additional Financials	Total Cost: USD 3.0 million
Project Description	Methanol and Ammonia Plant Engineering and Consultancy for Operations
Scope of Work	PSS Asia delivers end-to-end engineering and consultancy for integrated solar, green hydrogen, and green ammonia projects. Our services encompass feasibility studies, Front-End Engineering Design (FEED), detailed design, regulatory compliance, procurement, EPC supervision, and commissioning. We ensure seamless integration and optimized performance, supporting bankable, sustainable, and technically robust clean energy infrastructure.

Experience List



I.WORK CATEGORY (WC) DESCRIPTION: PROJECTS AND PLANT CONSULTANCY / ENGINEERING

Project 9: Engineering & Consultancy Services for Allied Green Ammonia Pty Ltd.

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Engineering & Consultancy Services for an Integrated Solar Farm, Green Hydrogen and Green Ammonia Production Facility
PO/Contract Number	LOI 01.01.2019
Client	Allied Green Ammonia Pty Ltd.
Project Duration	March 2019 - Present
Location	Gove Peninsula, Northern Australia
Total Project Value	USD 20.0 million
Value for This Category	USD 10.8 million
Additional Financials	Total Cost: USD 4.0 million
Project Description	Methanol and Ammonia Plant Engineering and Consultancy for Operations
Scope of Work	PSS Asia provides comprehensive engineering and consultancy services for integrated solar, green hydrogen, and ammonia facilities. Our services span feasibility, FEED, detailed design, compliance, procurement, EPC supervision, and commissioning. We ensure seamless system integration to deliver efficient, sustainable, and bankable clean energy infrastructure.

Project 10: BFPL Ammonia Plant Major Shutdown

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Total Turnaround Management
PO/Contract Number	SD-08-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	June 2008 - August 2008
Location	Karratha, Western Australia
Total Project Value	USD 92.91 million
Value for This Category	USD 3.19 million
Project Description	Total Turnaround Management of the Ammonia Plant
Scope of Work	Supply of manpower, equipment, and supervision for major shutdown activities, including reformer refractory rebuild, Loti's inspection for tube assessment and replacement, revalidation of safety equipment, fabrication and modification works, general shutdown maintenance activities including repair and refurbishment of plant and equipment, and managing over 10 sub-contractors with 270 peak manpower.



EXPERIENCE LISTS

MAJOR CONSTRUCTION WORKS

At PSS Asia Engineering, we specialize in managing and executing complex construction projects—from early-stage design input to on-site installation, commissioning, and long-term maintenance. With deep-rooted expertise across industrial sectors, we provide full-spectrum construction solutions that are reliable, scalable, and aligned with international standards.

CONSTRUCTION

At PSS Asia, construction is more than building structures—it's about delivering precision, reliability, and lasting value.

Experience List



II. WORK CATEGORY (WC) DESCRIPTION: MAJOR CONSTRUCTION WORKS

Project 1: Import Gas Pipeline Design and Construction

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Gas Pipeline Design and Construction
PO/Contract Number	12110-EWT
Client	1. Engru Fertilizers: Design and detailing of import gas pipelines. 2. Previous Exxon Chemicals: Construction of a 26 km, 10" gas pipeline from the wellhead.
Project Duration	July 2013 - October 2013
Location	Dadu, Pakistan
Total Project Value	USD 21.17 million
Value for This Category	USD 18.21 million
Project Description	Import Gas Pipeline Design and Construction
Scope of Work	Supply of manpower, equipment, and supervision for design, detailed engineering, construction, and commissioning of the pipeline. This includes negotiating and making agreements for the right-of-way.

Project 2: POGC Gas Processing Plant Extended Well Test Facility

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Gas Processing Plant Extended Well Test Facility Engineering, Construction, and Commissioning
PO/Contract Number	12110-EWT
Client	Polish Oil and Gas
Project Duration	January 2013 - July 2013
Location	Dadu, Pakistan
Total Project Value	USD 69.35 million
Value for This Category	USD 56.87 million
Project Description	EWT Facility Engineering, Construction Works, and Commissioning
Scope of Work	Provide the necessary manpower, equipment, and supervision for the design, detailed engineering, construction, and commissioning of the plant facilities.

Experience List

II. WORK CATEGORY (WC) DESCRIPTION: MAJOR CONSTRUCTION WORKS

Project 3: Yara Desalination Plant Construction

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	New Desalination Plant Engineering, Construction, and Commissioning
PO/Contract Number	OPS-0213
Client	Yara Pilbara Pty Ltd
Project Duration	June 2010 - July 2011
Location	Karratha, Western Australia
Total Project Value	AUD 127.40 million
Value for This Category	AUD 99.38 million
Project Description	New Desalination Plant Engineering, Construction Works, and Commissioning
Scope of Work	Supply of manpower, equipment, and supervision required for design, detailed engineering, construction, and commissioning of the plant facilities.





MECHANICAL PLANT/ EQUIPMENT WORKS/ MAINTENANCE

Comprehensive Maintenance & Specialized Services

From routine maintenance to complex shutdowns and turnarounds, PSS Asia delivers end-to-end solutions that enhance plant reliability, minimize downtime, and ensure compliance with industry standards.



Experience List



III. WORK CATEGORY (WC) DESCRIPTION: MECHANICAL PLANT / EQUIPMENT WORKS/ MAINTENANCE

Project 1: POGC Gas Processing Plant Extended Well Test Facility Operation and Maintenance

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Operation and Maintenance of Gas Processing Plant
PO/Contract Number	12110-EWT
Client	Polish Oil and Gas
Project Duration	July 2013 - July 2016
Location	DADU, Pakistan
Total Project Value	USD 19.71 million
Value for This Category	USD 19.71 million
Project Description	EWT Facility Operation and Maintenance of Gas Processing Plant
Scope of Work	Supply of manpower, equipment, and supervision required for design, detailed engineering, construction, and commissioning of the plant facilities.

Project 2: BFPL Ammonia Plant Long Term Maintenance Contract

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Long-Term Maintenance
PO/Contract Number	OPS-0105/07
Client	Burrup Fertilizers Pty Ltd
Project Duration	March 2008 - February 2013
Location	Karratha, Western Australia
Total Project Value	AUD 130.40 million
Value for This Category	AUD 39.12 million
Project Description	Ammonia Plant Long-Term Maintenance Contract
Scope of Work	Supply of manpower, equipment, and supervision required for mechanical maintenance works.

Experience List



III. WORK CATEGORY (WC) DESCRIPTION: MECHANICAL PLANT / EQUIPMENT WORKS/ MAINTENANCE

Project 3: Yara Ammonia Plant Planned Turnaround

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Total Turnaround Management
PO/Contract Number	OPS-0105-001-040
Client	Yara Pilbara Pty Ltd
Project Duration	June 2012
Location	Karratha, Western Australia
Total Project Value	AUD 19.20 million
Value for This Category	AUD 16.71 million
Additional Financials	Total Cost: AUD 5.26 million
Project Description	Ammonia Plant Total Turnaround Management
Scope of Work	Supply of manpower and equipment, supervision for the revalidation of safety equipment, fabrication and modification works, general shutdown maintenance activities including repair and refurbishment of plant and equipment, and management of subcontractors for various works with a peak manpower of 215.

Project 4: BFPL Ammonia Plant Unplanned Outage

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Total Turnaround Management
PO/Contract Number	SD-010-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	June 2010 - July 2010
Location	Karratha, Western Australia
Total Project Value	AUD 21.10 million
Value for This Category	AUD 8.70 million
Project Description	Ammonia Plant Total Turnaround Management
Scope of Work	Supply of manpower, equipment, and supervision for the revalidation of safety equipment, fabrication and modification works, general shutdown maintenance activities, including repair and refurbishment of plant and equipment, and management of subcontractors for various works with a peak manpower of 175.

Experience List



III. WORK CATEGORY (WC) DESCRIPTION: MECHANICAL PLANT / EQUIPMENT WORKS/ MAINTENANCE

Project 5: BFPL Insulation & Inspection Works

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Inspection Works for Insulated Lines & Vessels
PO/Contract Number	OPS-0211
Client	Burrup Fertilizers Pty Ltd
Project Duration	February 2010 - May 2010
Location	Karratha, Western Australia
Total Project Value	USD 9.727 million
Value for This Category	USD 9.727 million
Additional Financials	Total Cost: USD 2.665 million
Project Description	Ammonia Plant Inspection Works for Insulated Lines & Vessels
Scope of Work	Supply of manpower, equipment, and supervision required for the removal of insulation, performing ultrasonic and thickness measurements, marking up for repair during shutdown, and reinsulating after completion, including repair and refurbishment of plant and equipment.

Project 6: BFPL Maintenance & Modification Works

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Various Maintenance and Modification Activities
PO/Contract Number	OPS-0210
Client	Burrup Fertilizers Pty Ltd
Project Duration	January 2009 - December 2011
Location	Karratha, Western Australia
Total Project Value	USD 22.45 million
Value for This Category	USD 22.45 million
Additional Financials	Total Cost: USD 6.150 million
Project Description	Ammonia Plant Various Maintenance and Modification Activities
Scope of Work	Supply of manpower, equipment, and supervision for various maintenance and modification activities beyond regular maintenance tasks for the plant.

Experience List



III. WORK CATEGORY (WC) DESCRIPTION: MECHANICAL PLANT / EQUIPMENT WORKS/ MAINTENANCE

Project 7: BFPL Emergency Shutdown

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Main Process Air and <u>SynGas</u> Compressor Repair
PO/Contract Number	SD-09-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	April 2009 - July 2009
Location	Karratha, Western Australia
Total Project Value	USD 18.615 million
Value for This Category	USD 18.615 million
Project Description	Ammonia Plant Main Process Air and <u>Syn Gas</u> Compressor Repair
Scope of Work	Supply of manpower, equipment, and supervision required for the repair and overhaul of the main air and syngas compressor.

Project 8: BFPL Ammonia Plant Major Shutdown

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Total Turnaround Management
PO/Contract Number	SD-07-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	June 2008 - August 2008
Location	Karratha, Western Australia
Total Project Value	USD 92.91 million
Value for This Category	USD 89.72 million
Project Description	Ammonia Plant Total Turnaround Management
Scope of Work	Undertake the supply of manpower, equipment, and supervision for reformer refractory rebuilt works, Loti's inspection for tube assessment, tube replacement as required, revalidation of safety equipment, fabrication and modification works, and general shutdown maintenance, including repair and refurbishment of plant and equipment. Manage over 10 subcontractors with a peak manpower of 270.

Experience List



III. WORK CATEGORY (WC) DESCRIPTION: MECHANICAL PLANT / EQUIPMENT WORKS/ MAINTENANCE

Project 9: BFPL Emergency Shutdown for Mechanical Repair Works

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Mechanical Repair Works
PO/Contract Number	SD-08-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	April 2008
Location	Karratha, Western Australia
Total Project Value	USD 27.71 million
Value for This Category	USD 5.87 million
Project Description	Ammonia Plant Mechanical Repair Works
Scope of Work	Supply of manpower, equipment, and supervision for mechanical maintenance works during the emergency shutdown.

Project 10: BFPL Ammonia Plant Maintenance Works

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Long-Term Maintenance Contract
PO/Contract Number	OPS-0105
Client	Burrup Fertilizers Pty Ltd
Project Duration	March 2006 - February 2008
Location	Karratha, Western Australia
Total Project Value	AUD 39.12 million
Value for This Category	AUD 15.32 million
Project Description	Ammonia Plant Long-Term Maintenance Contract
Scope of Work	Supply of manpower, equipment, and supervision for mechanical maintenance works for the plant and equipment.



MECHANICAL PIPING, COLUMNS, AND TANKS - MAINTENANCE

Explore Our Services

PSS Asia delivers expert maintenance solutions for mechanical piping, columns, and storage tanks—ensuring operational reliability, safety, and compliance across critical plant systems. Our team supports lifecycle integrity through proactive inspection, repair, and performance optimization.



Experience List



IV. WORK CATEGORY (WC) DESCRIPTION: MECHANICAL PIPING, COLUMNS, AND TANKS - MAINTENANCE

Project 1: BFPL Ammonia Plant Pre-Commissioning

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Bolt Tensioning & Torquing Works
PO/Contract Number	OPS-0105
Client	Burrup Fertilizers Pty Ltd
Project Duration	December 2005 - March 2006
Location	Karratha, Western Australia
Total Project Value	AUD 4.075 million
Value for This Category	AUD 1.63 million
Project Description	Bolt tensioning and torquing work for the plant before commissioning
Scope of Work	Supply of manpower, equipment, and supervision for all bolt tensioning and torquing works for the plant.

Project 2: BFPL Ammonia Plant Maintenance Works

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Long-Term Maintenance Contract
PO/Contract Number	OPS-0105
Client	Burrup Fertilizers Pty Ltd
Project Duration	March 2006 - February 2008
Location	Karratha, Western Australia
Total Project Value	AUD 39.12 million
Value for This Category	AUD 7.17 million
Project Description	Long-term maintenance contract for the ammonia plant
Scope of Work	Supply of manpower, equipment, and supervision for mechanical maintenance works for the plant.

Experience List



IV. WORK CATEGORY (WC) DESCRIPTION: MECHANICAL PIPING, COLUMNS, AND TANKS - MAINTENANCE

Project 3: BFPL Emergency Shutdown

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Emergency Shutdown: Mechanical, Electrical & Instrumentation Maintenance
PO/Contract Number	SD-08-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	April 2008
Location	Karratha, Western Australia
Total Project Value	AUD 27.71 million
Value for This Category	AUD 8.15 million
Project Description	Mechanical, electrical, and instrumentation maintenance works during emergency shutdown
Scope of Work	Supply of manpower, equipment, and supervision for mechanical maintenance works, including fabrication and modification of piping & pipe supports.

Project 4: BFPL Ammonia Plant Major Shutdown

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Major Shutdown
PO/Contract Number	SD-07-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	June 2008 - August 2008
Location	Karratha, Western Australia
Total Project Value	AUD 92.91 million
Value for This Category	AUD 21.35 million
Project Description	Total turnaround management for the ammonia plant
Scope of Work	Reformer refractories rebuild, tube assessment and replacement, safety equipment revalidation, and general shutdown maintenance.

Experience List

IV. WORK CATEGORY (WC) DESCRIPTION: MECHANICAL PIPING, COLUMNS, AND TANKS - MAINTENANCE



Project 5: BFPL Ammonia Plant Maintenance Works (Amended)

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Long-Term Maintenance Contract
PO/Contract Number	OPS-0105/07
Client	Burrup Fertilizers Pty Ltd
Project Duration	March 2008 - February 2013
Location	Karratha, Western Australia
Total Project Value	AUD 130.40 million
Value for This Category	AUD 30.32 million
Project Description	Long-term maintenance for mechanical piping, columns, and tanks
Scope of Work	Maintenance of mechanical piping, columns, and tanks, including repair and maintenance work.

Project 6: BFPL Ammonia Plant Unplanned Outage

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Total Turnaround Management
PO/Contract Number	SD-010-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	June 2010
Location	Karratha, Western Australia
Total Project Value	AUD 21.10 million
Value for This Category	AUD 4.65 million
Project Description	Total turnaround management during unplanned outage
Scope of Work	Supply of manpower, equipment, and supervision for safety equipment revalidation, fabrication & modification works, and general shutdown maintenance.



PROJECT SUPPORT SERVICES ASIA

ELECTRICAL PLANT & EQUIPMENT - MAINTENANCE

PSS Asia provides expert maintenance services for electrical plant and equipment, ensuring safe, reliable, and efficient operations. Our team specializes in preventive and corrective maintenance, minimizing downtime and extending the life of critical electrical systems in industrial facilities.



Experience List



V. WORK CATEGORY (WC) DESCRIPTION: ELECTRICAL PLANT & EQUIPMENT - MAINTENANCE

Project 1: BFPL Ammonia Plant Maintenance Works

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Long Term Electrical & Instrumentation Maintenance
PO/Contract Number	OPS-0105
Client	Burrup Fertilizers Pty Ltd
Project Duration	March 2006 - February 2008
Location	Karratha, Western Australia
Total Project Value	AUD 39.12 million
Value for This Category	AUD 4.56 million
Project Description	Long-term maintenance contract for electrical & instrumentation works at the ammonia plant
Scope of Work	Supply of manpower, equipment, and supervision for maintenance of electrical & instrumentation systems.

Project 2: BFPL Emergency Shutdown

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Emergency Shutdown: Mechanical, Electrical & Instrumentation Maintenance
PO/Contract Number	SD-08-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	April 2008
Location	Karratha, Western Australia
Total Project Value	AUD 27.71 million
Value for This Category	AUD 8.15 million
Project Description	Electrical and instrumentation maintenance during emergency shutdown
Scope of Work	Supply of manpower, equipment, and supervision for relaying cables, trays, conduits, and termination works.

Experience List



V. WORK CATEGORY (WC) DESCRIPTION: ELECTRICAL PLANT & EQUIPMENT - MAINTENANCE

Project 3: BFPL Ammonia Plant Major Shutdown

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Major Shutdown
PO/Contract Number	SD-07-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	June 2008 - August 2008
Location	Karratha, Western Australia
Total Project Value	AUD 92.91 million
Value for This Category	AUD 13.94 million
Project Description	Total turnaround management, including safety equipment revalidation and electrical maintenance
Scope of Work	Revalidation of safety equipment, refurbishment of control valves, and maintenance on electrical substations, as well as related equipment.

Project 4: BFPL Ammonia Plant Maintenance Works (Amended)

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Long Term Electrical & Instrumentation Maintenance
PO/Contract Number	OPS-0105/07
Client	Burrup Fertilizers Pty Ltd
Project Duration	March 2008 - February 2013
Location	Karratha, Western Australia
Total Project Value	AUD 130.40 million
Value for This Category	AUD 19.56 million
Project Description	Long-term electrical & instrumentation maintenance contract
Scope of Work	Maintenance of electrical & instrumentation systems, including routine and specialized tasks.

Experience List

V. WORK CATEGORY (WC) DESCRIPTION: ELECTRICAL PLANT & EQUIPMENT - MAINTENANCE

Project 5: BFPL Ammonia Plant Unplanned Outage

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Total Turnaround Management
PO/Contract Number	SD-010-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	June 2010
Location	Karratha, Western Australia
Total Project Value	AUD 21.10 million
Value for This Category	AUD 1.75 million
Project Description	Total turnaround management during unplanned outage
Scope of Work	Supply of manpower, equipment, and supervision for safety equipment revalidation, fabrication, and modification works, as well as general shutdown maintenance, including management of subcontractors and repair works.





PROJECT SUPPORT SERVICES ASIA

INSPECTION, TESTING / COMMISSIONING SERVICES

> EXPLORE OUR SERVICES

PSS Asia delivers comprehensive inspection, testing, and commissioning services to ensure every system operates safely, efficiently, and in full compliance with industry standards. Our expert teams validate performance, reliability, and integrity—laying the foundation for successful project handover and long-term operational excellence.

Experience List



VI. WORK CATEGORY (WC) DESCRIPTION: INSPECTION, TESTING / COMMISSIONING SERVICES

Project 1: BFPL Ammonia Plant Pre-Commissioning

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Ammonia Plant Rigging & Closure
PO/Contract Number	OPS-0105
Client	Burrup Fertilizers Pty Ltd
Project Duration	December 2005 - March 2006
Location	Karratha, Western Australia
Total Project Value	AUD 4.075 million
Value for This Category	AUD 2.445 million
Project Description	Rigging and closure of the ammonia converter
Scope of Work	Supply manpower, equipment, and supervision for rigging in of the horizontal ammonia converter catalyst basket and closure of the manways & vessel end covers, including specialized bolt tension works.

Project 2: BFPL Ammonia Plant Maintenance Works

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Long-term Maintenance of Ammonia Plant
PO/Contract Number	OPS-0105
Client	Burrup Fertilizers Pty Ltd
Project Duration	March 2006 - February 2008
Location	Karratha, Western Australia
Total Project Value	AUD 39.12 million
Value for This Category	AUD 4.89 million
Project Description	Long-term maintenance contract for the ammonia plant
Scope of Work	Supply manpower, equipment, and supervision for test and inspection works, as well as the commissioning of units after repairs.

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VI. WORK CATEGORY (WC) DESCRIPTION: INSPECTION, TESTING / COMMISSIONING SERVICES

Project 3: BFPL Emergency Shutdown

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Emergency Shutdown: Mechanical, Electrical & Instrumentation Maintenance
PO/Contract Number	SD-08-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	April 2008
Location	Karratha, Western Australia
Total Project Value	AUD 27.71 million
Value for This Category	AUD 5.54 million
Project Description	Mechanical, electrical, and instrumentation maintenance during emergency shutdown
Scope of Work	Supply manpower, equipment, and supervision for mechanical maintenance work, cable relaying, tray and conduit installation, and termination work.

Project 4: BFPL Ammonia Plant Major Shutdown

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Major Shutdown of Ammonia Plant
PO/Contract Number	SD-07-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	June 2008 - August 2008
Location	Karratha, Western Australia
Total Project Value	AUD 92.91 million
Value for This Category	AUD 11.15 million
Project Description	Total turnaround management, including safety equipment revalidation and commissioning
Scope of Work	Supply manpower, equipment, and supervision for Loti's inspection, safety equipment revalidation (PSVs), and plant commissioning.

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VI. WORK CATEGORY (WC) DESCRIPTION: INSPECTION, TESTING / COMMISSIONING SERVICES

Project 5: BFPL Ammonia Plant Maintenance Works (Amended)

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Long-term Maintenance of Ammonia Plant
PO/Contract Number	OPS-0105/07
Client	Burrup Fertilizers Pty Ltd
Project Duration	March 2008 - February 2013
Location	Karratha, Western Australia
Total Project Value	AUD 130.40 million
Value for This Category	AUD 15.65 million
Project Description	Long-term maintenance contract for the ammonia plant
Scope of Work	Supply manpower, equipment, and supervision for test and inspection works, as well as the commissioning of units after repairs.

Project 6: BFPL Ammonia Plant Unplanned Outage

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Total Turnaround Management during Unplanned Outage
PO/Contract Number	SD-010-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	June 2010
Location	Karratha, Western Australia
Total Project Value	AUD 21.10 million
Value for This Category	AUD 1.90 million
Project Description	Total turnaround management during unplanned outage
Scope of Work	Supply manpower, equipment, and supervision for the revalidation of safety equipment, fabrication and modification works, and general shutdown maintenance activities, including the repair and refurbishment of plant and equipment, while managing subcontractors with a peak manpower of 175.



PSS Asia

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GENERAL PLANT SERVICES



Comprehensive support for daily plant operations, including maintenance, troubleshooting, and performance optimization.



Skilled workforce and technical resources to ensure seamless, safe, and efficient facility management across all industrial sectors.

Experience List



VII. WORK CATEGORY (WC) DESCRIPTION: GENERAL PLANT SERVICES

Project 1: BFPL Ammonia Plant Maintenance Works

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Long Term Maintenance Contract for Ammonia Plant
PO/Contract Number	OPS-0105
Client	Burrup Fertilizers Pty Ltd
Project Duration	March 2006 - February 2008
Location	Karratha, Western Australia
Total Project Value	AUD 39.12 million
Value for This Category	AUD 4.89 million
Project Description	Long-term maintenance including coating, insulation works, scaffolding, and plant cleaning
Scope of Work	Supply of manpower, equipment, and supervision for coating & insulation works, scaffolding, plant cleaning services, and general maintenance.

Project 2: BFPL Emergency Shutdown

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Emergency Shutdown for Mechanical, Electrical & Instrumentation Maintenance
PO/Contract Number	SD-08-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	April 2008
Location	Karratha, Western Australia
Total Project Value	AUD 27.71 million
Value for This Category	AUD 5.54 million
Project Description	Emergency mechanical, E & I maintenance, including coating, painting, and cleaning
Scope of Work	Supply of manpower, equipment, and supervision for mechanical maintenance, coating, painting, scaffolding, and cleaning services.

Experience List



VII. WORK CATEGORY (WC) DESCRIPTION: GENERAL PLANT SERVICES

Project 3: BFPL Ammonia Plant Major Shutdown

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Major Shutdown of Ammonia Plant
PO/Contract Number	SD-07-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	June 2008 - August 2008
Location	Karratha, Western Australia
Total Project Value	AUD 92.91 million
Value for This Category	AUD 11.15 million
Project Description	Total plant turnaround management, including mechanical works and cleaning
Scope of Work	Supply manpower, equipment, and supervision for mechanical maintenance, coating, painting, scaffolding, and cleaning services.

Project 4: BFPL Ammonia Plant Maintenance Works (Amended)

Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Long Term Maintenance Contract for Ammonia Plant
PO/Contract Number	OPS-0105/07
Client	Burrup Fertilizers Pty Ltd
Project Duration	March 2008 - February 2013
Location	Karratha, Western Australia
Total Project Value	AUD 130.40 million
Value for This Category	AUD 15.65 million
Project Description	Long-term maintenance including coating & insulation works, and plant cleaning
Scope of Work	Supply of manpower, equipment, and supervision for coating & insulation works, scaffolding, plant cleaning services, and general maintenance.

Experience List

VII. WORK CATEGORY (WC) DESCRIPTION: GENERAL PLANT SERVICES

Project 5: BFPL Ammonia Plant Unplanned Outage

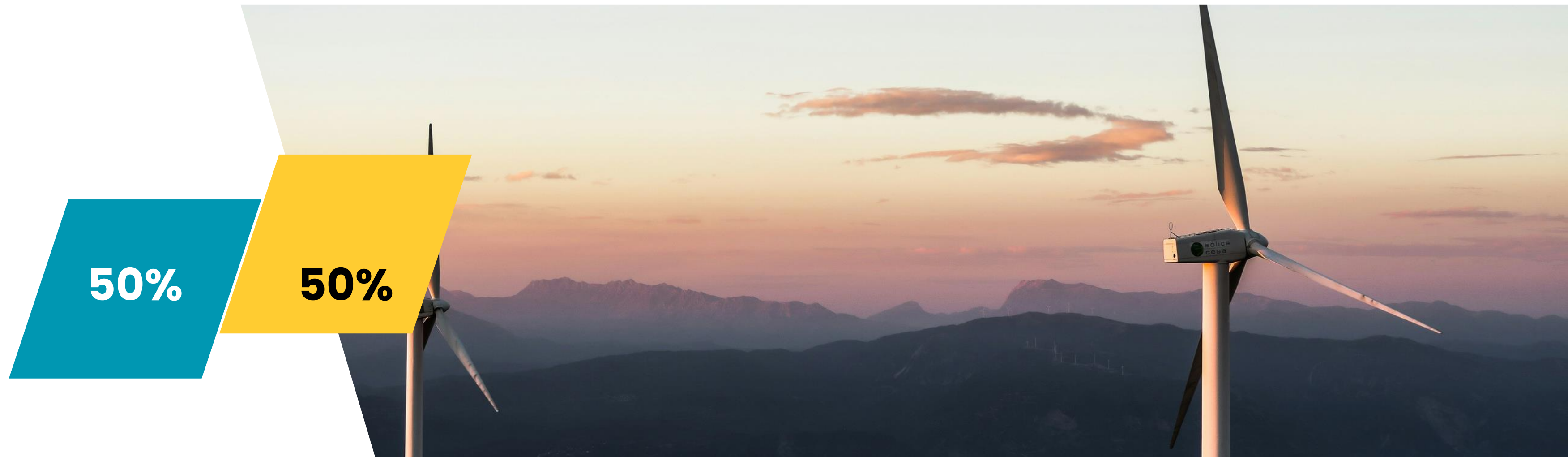
Category	Details
Organization	Project Support Services Asia (PSS Asia)
Project Category	Total Turnaround Management during Unplanned Outage
PO/Contract Number	SD-010-001
Client	Burrup Fertilizers Pty Ltd
Project Duration	June 2010
Location	Karratha, Western Australia
Total Project Value	AUD 21.10 million
Value for This Category	AUD 1.90 million
Project Description	Total turnaround management, including safety equipment revalidation and general maintenance
Scope of Work	Supply of manpower, equipment, and supervision for safety equipment revalidation, fabrication, and modification works, as well as general shutdown maintenance activities, including the repair and refurbishment of plant and equipment, and management of subcontractors, with a peak manpower of 175.





Energy Transition

At PSS Asia, we are proud to support the global shift toward a low-carbon future by driving innovative solutions in renewable energy, cleaner fuels, and sustainable infrastructure. Through strategic engineering, project development, and smart technologies, we help clients navigate the energy transition with efficiency, resilience, and long-term impact.





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