

# PETRO INDUSTRIAL



FEBRUARY 2021

**QUALITY ASSURANCE  
DOCUMENTATION PACKAGE**

# PETRO Global Coverage

## Strategically Located

PETRO Industrial is a truly global brand, with company owned branches positioned strategically worldwide.

United Arab Emirates, Dubai  
Company Branch



Company Distributor / Reseller  
Global

Johannesburg, South Africa  
Company Branch



Perth, Australia  
Company Branch



Brisbane, Australia  
Company Branch



## Certifications

We have been the first amongst our competitors to fully invest in our systems and processes and obtain independent, third party certification in accordance to the internationally recognised Quality Standard - ISO9001: 2015. We are proud to say that PETRO industrial has, and continues to pass all of the audits and scrutiny applied by SAI Global with flying colours. This leads to the certification of our Quality Systems and Processes.



PETRO Industrial is a market leading commercial refuelling equipment solutions supplier. With a wide range of in-house capabilities, there is no project the team of PETRO Refuelling Specialists can not handle.



# PETRO'S CAPABILITIES

We are a Projects Business by nature, offering tailor made, turnkey fuel storage solutions to our customers. PETRO's extensive capabilities allow for projects to be managed solely during the design, development, manufacturing, delivery and commissioning stages of a project.

## PARTS & SPARES

We offer a wide range of parts and spares both online and over the phone.



## DESIGN & ENGINEERING

The in-house, engineering and drafting team has the capability to prototype, develop and tailor projects prior to production.



## MANUFACTURING & FABRICATION

Direct factory integration, as well as on-shore manufacturing and fabrication, with no middle man.



## FUEL TANK SUPPLY

PETRO Industrial is an industry-leading fuel tank supplier and industry-leading provider of self-bunded fuel tank solutions.



## ONSITE TANK MAINTENANCE

Our after-sales service is second to none, with fuel tank maintenance services on offer to maintain your fuel tank's reliability and functionality.



## ONSITE INSTALLATION

Our fuel tank installation experts offer market-leading onsite installation and commissioning.



## SITE COMPLIANCE

We are experts in site compliance during all stages of the project. Pre-installation, during installation and post-installation.



## TANK FARMS

We provide modular, scalable, intelligently designed self-bunded tank farms, for the bulk storage of diesel, ULP, lubricants and other liquids.



## PETRO On-Site Tank Maintenance Service.



### REFUELING YOUR MACHINERY WITH CONTAMINATED FUEL CAN BE CATASTROPHIC

Allow our qualified PETRO maintenance staff to maintain and service your investment and prolong its longevity while you focus on running your business.

Any downtime or breakage on your equipment is profit down the drain. Keep your fuel clean and keep your machinery running.

We'll make sure everything is performing like it should. Your tank is like your vehicle, regular maintenance keeps the wheels turning or in this case, the fuel flowing.

### THE MAINTENANCE SERVICE PLANS INCLUDE, BUT ARE NOT LIMITED TO:

- Inspect tank structural integrity and signs of damage
- Test tank contents for water
- Inspect all tank accessories and maintain as required
- Inspect & service pumping equipment and filtration screens in pumps and nozzles
- Check and calibrate flow meters - flow rates up to 120lpm - commercial
- Remove vent and perform operational inspection
- Tighten all bolts & fittings and inspect for leakage
- Clean/drain tank pump bay bund
- Calibrate tank gauging
- Full PETRO maintenance service report provided



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## COMPANY VALUES



### Ooze Enthusiasm

We have fire in our belly. We will infect our customers, our suppliers, our staff and our stakeholders with our positive, fire in the belly, attitude to our commercial interactions.



### Ethics

It's about respect. We will always do the right thing. We respect ourselves, our suppliers, our stakeholders, our employees and yes, our customers. We will do the right thing, and in return we expect the right thing to be done by us.



### Make a Buck

We are not in it for the good of our health. We are here to provide an acceptable return to all of our stakeholders for their support and involvement in our business.



### Make it Happen

Appoint staff who create an environment of accountability and continuous improvement. We have drive and do what we say we are going to do.



### One Step Ahead

Ensuring we are a competitive and innovative company. We are adaptable, entrepreneurial and innovative and ultimately bottom line focused.



### Thanks, But No Thanks

We will say no to customers, suppliers, employees and stakeholders who do not fit the culture of our business. We don't want to be everything to everyone. We want to be the best to those who want to be the best with us.



### Right & Safe

We will strive to get the job done Right first time, every time but we will not compromise the Safety of our staff, our suppliers or our customers in doing so.



## QUALITY GUARANTEE

As an industry leader in the design, manufacture, assembly, supply and installation of Commercial Petroleum Equipment, PETRO Industrial has again raised the bar. We are the first amongst our peers to firstly invest in our systems and processes and secondly obtain independent, third party certification to the internationally recognised Quality Standard – ISO9001:2015.

We are proud to announce that PETRO Industrial has passed all of the audits and scrutiny applied by SAI Global leading to the certification of our Quality Systems and Processes to ISO9001:2015.

### What does this mean to you?

#### We are not a Fly-by-Nighter

The barriers to entry in our industry are coming down. Anyone can traipse up to China, engage a factory, and import equipment into the market. Would you rather deal with a fly-by-night company who probably won't be there to support the product into the future, or a strong, well managed company such as PETRO who constantly invests in our people, our systems and our processes? if it was my money I know who I would deal with.

#### We Learn from Mistakes

If we make a mistake we have a formal system in place to record this, and a process to ensure we don't make the same mistake twice. We will actively seek feedback from you and we will strive to further improve ourselves so that the customer experience with PETRO just keeps on getting better.

#### First Time Every Time

We recognise that you want us to get it right first time, every time. The only way we will achieve this is to document how we do stuff and ensure that we stick to these systems and processes developed.

#### They will be Back

This is only the beginning of the process. We are in the process of training internal auditors to check, double-check and indeed triple-check our systems and processes. In addition, SAI Global will be back to independently audit us regularly to ensure we are sticking to the rules!!

Don't be tempted by the 'cheap tank'. Compare us with the others. We have a strong balance sheet, we pay our bills on time, every time, we are run by the guys who originally kicked off these self funded tanks in the Australian market and we invest strongly in our people, our systems and our processes. We will be there to support whatever we sell you - long term – will they be?



Quality  
ISO 9001

## QUALITY ASSURANCE ISO 9001: 2015



### CERTIFICATE OF REGISTRATION

This is to certify that:

**Petro Industrial Pty Ltd**

ABN 25 141 299 587

Factory 2 - 106 Potassium Street Narangba QLD 4504 AUSTRALIA

operates a

**QUALITY MANAGEMENT SYSTEM**

which complies with the requirements of

**ISO 9001:2015**

for the following scope

The supply of petrochemical storage and dispensing solutions, including compliance referencing, assembling, testing and distribution of products.

**Certificate No: QMS40346**

Issued: 28 January 2021

Originally Certified: 12 February 2014

Expires: 8 February 2024

Current Certification: 27 January 2021



Frank Camasta  
Global Head of Technical Services  
SAI Global Assurance



**Registered by:**

SAI Global Certification Services Pty Ltd (ACN 108 716 669) 680 George Street Sydney NSW 2000 Australia with SAI Global Pty Limited 680 George Street Sydney NSW 2000 Australia ("SAI Global") and subject to the SAI Global Terms and Conditions for Certification. While all due care and skill was exercised in carrying out this assessment, SAI Global accepts responsibility only for proven negligence. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. To verify that this certificate is current please refer to SAI Global On-Line Certification register at <http://register.saiglobal.com>





## TANK OVERVIEW

An overview of the PETRO T SERIES 2.25 is as follows:

Component	Description
Tank Model:	
Serial Number:	
Outer Tank:	
Inner Tank:	
Manufactured:	
External Dimensions:	
Capacity:	
Sale Fill Level:	
Weight (Empty):	





## INSPECTION AND TEST PLAN

### Overview:






As part of PETRO's quality assurance program, all PETRO tanks and products are subject to a strict inspection and test plan.

A copy of the inspection and test plan for PETRO T SERIES 2.25 is included below:




### FACTORY ASSEMBLY INSPECTION & TEST PLAN

Client:		Date:		Drawing No:	
Project ID:		Project Manager:		Serial Number:	

No.	Process Description	Procedure	Reference Drawings	Acceptance Criteria	Person Responsible	Quality Assurance Records	PETRO	CLIENT	Remarks
1	Pre-Fabrication Quality Survey								
1.1	Tank Design Review	As per client requirements	T2.25	AS1692; AS1940	PETRO Industrial	Approved Reference Drawing	H	R	
2	Fabrication Procedure								
2.1	Welding Procedures	WPS-2; WPS-10		AS/NZS 1554.1	QA / QC Engineer	PETRO WPS	H	R	

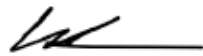

No.	Process Description	Procedure	Reference Drawings	Acceptance Criteria	Person Responsible	Quality Assurance Records	PETRO	CLIENT	Remarks
2.2	Welder Performance Qualification	WPQ2-LG03-1, 08-1, 10-1, 11-1, 13-1, 20-1, 29-1, 24-1, 26-1, 25-1, 31-1 WPQ10-LG04-1, 24-1, 08-1, 25-1	N/A	AS/NZS 1554.1	QA / QC Engineer	WPQ	H	R	
<b>3</b>	<b>Materials</b>								
3.1	Receipt of Incoming Materials	Confirm material receiving in accordance with requirements of specifications & order. Check mill certificate & undertake visual inspection.	N/A	Material test certificate	Store foreman/QCE	Mill Certificates	H	R	
<b>4</b>	<b>Fabrication</b>								
4.1	Tank Material Identification	N/A	T2.25	Factory QA	FF & QCE	This ITP	H	R	
4.2	Shell plate marking, cutting edge preparation of plates	N/A	T2.25	Factory QA	FF & QCE	This ITP	H	R	
4.3	Visual and dimensional check	Factory Procedure	T2.25	Compliance with Reference Drawing	FF & QCE	This ITP	H	R	

No.	Process Description	Procedure	Reference Drawings	Acceptance Criteria	Person Responsible	Quality Assurance Records	PETRO	CLIENT	Remarks
4.4	Inspection after fit up of wall plates	Factory Procedure	T2.25	Factory QA	FF & QCE	This ITP	H	R	W
4.5	Top frame members preparation	Factory Procedure	T2.25	Factory QA	FF & QCE	This ITP	H	R	W
4.6	Top frame fit up with tank	Factory Procedure	T2.25	Factory QA	FF & QCE	This ITP	H	R	W
4.7	Pipe lines preparation	Factory Procedure	T2.25	Factory QA	FF & QCE	This ITP	H	R	W
4.8	Pipe lines fit up	Factory Procedure	T2.25	Factory QA	FF & QCE	This ITP	H	R	W
4.9	Final fit up inspection after fixing all the parts	Factory Procedure	T2.25	Factory QA	FF & QCE	This ITP	H	R	W
4.10	Weld visual and dimensions inspection after completion of final welding	Factory Procedure	Weld Map-T2.25	Factory QA	WF & QCE	This ITP	H	R	W
4.11	Inspection prior to pressure test & painting	Factory Procedure	T2.25	Factory QA	QCE	This ITP	H	R	W

No.	Process Description	Procedure	Reference Drawings	Acceptance Criteria	Person Responsible	Quality Assurance Records	PETRO	CLIENT	Remarks
5	Pressure Test								
5.1	Pressure Testing	AS1692	N/A	Pressure Test Report – Pipe + Tank	QA/QC Engineer	Test Inspection Report	H	R	
6	Surface Preparation & Painting								
6.1	Surface preparation & painting	As per Client specification	N/A	As per paint manufacturer's specification sheet	QA/QC Engineer	Painting Reports	H	R	
7	Final QA Inspection								
7.1	Preparation of final documents	Factory Procedure	N/A	Factory QA	QA/QC Engineer	Final documentation package	H	R	

H	Hold
R	Review

FF	Fabrication Foreman	QCE	Quality Control Engineer
QA	Quality Assurance Engineer	WF	Welding Foreman

PETRO Project Manager Signature /Date:		PETRO QC Manager Signature /Date:	
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## SECTION 1: PRE-FABRICATION QUALITY SURVEY

### Overview:

As per Section 1 of the inspection and test plan, the pre-fabrication quality survey consisted of the following elements:

Ref	Process/Procedure	Acceptance Criteria
1.1	Tank Design Review	AS1692; AS1940

A copy of the above elements is included below:



## **1.1 – DESIGN REVIEW – GA DRAWINGS**

## SECTION 2: FABRICATION PROCEDURE

### Overview:

As per Section 2 of the inspection and test plan, the fabrication procedure consisted of the following elements:

Ref	Process/Procedure	Acceptance Criteria
2.1	Welding Procedures	AS/NZS 1554.1
2.2	Welder Qualifications	AS/NZS 1554.1

A copy of the above elements is included below:



**2.1 – WELDING PROCEDURES**  
**2.2 – WELDER’S QUALIFICATIONS**



## SECTION 3: MATERIALS

### Overview:

As per Section 3 of the inspection and test plan, the materials consisted of the following elements:

Ref	Process/Procedure	Acceptance Criteria
3.1	Receipt of Materials	Material test certificates

A copy of the above elements is included below:



## 3.1 – MATERIAL CERTIFICATES

## SECTION 4: FABRICATION & INSPECTION

### Overview:

As per Section 4 of the inspection and test plan, the fabrication and inspection consisted of the following elements:

Ref	Process/Procedure	Acceptance Criteria
4.1	Tank Material Identification	Approved Drawing
4.2	Shell plate marking, cutting edge preparation of plates	Approved Drawing
4.3	Visual and dimensional check	Approved Drawing
4.4	Inspection after fit up of wall plates	Approved Drawing
4.5	Top frame members preparation	Approved Drawing
4.6	Top frame fit up with tank	Approved Drawing
4.7	Pipe lines preparation	Approved Drawing
4.8	Pipe lines fit up	Approved Drawing
4.9	Final fit up inspection after fixing all the parts	Approved Drawing
4.10	Weld visual and dimensions inspection after completion of final welding	WELD MAP-Tank Model Specific
4.11	Inspection prior to pressure test & painting	Approved Drawing

A copy of the above elements is included below:



## **4.1 TO 4.11 – FABRICATION & INSPECTION**

## SECTION 5: PRESSURE TEST

### Overview:

As per Section 5 of the inspection and test plan, the pressure test consisted of the following elements:

Ref	Process/Procedure	Acceptance Criteria
5.1	Pressure Testing	PETRO Pressure Test Procedure v1 2013 AS 1692-2006

A copy of the above elements is included below:



## 5.1 – PRESSURE TESTING

## SECTION 6: SURFACE PREPARATION & PAINTING

### Overview:

As per Section 6 of the inspection and test plan, the surface preparation & painting consisted of the following elements:

Ref	Process/Procedure	Acceptance Criteria
6.1	Preparation & Painting	As per manufacturer's specification sheet

A copy of the above elements is included below:



## 6.1 – PREPARATION & PAINTING



## SECTION 7: FINAL QUALITY ASSURANCE INSPECTION

### Overview:

As per Section 7 of the inspection and test plan, the final quality assurance inspection consisted of the following elements:

Ref	Process/Procedure	Acceptance Criteria
7.1	Final Documentation	Final quality assurance inspection

A copy of the above elements is included below:



## **7.1 – FINAL QUALITY ASSURANCE INSPECTION**



## PETRO WARRANTY POLICY

1. PETRO Industrial warrants that each new and unused item of equipment (hereinafter called the Product) is of good workmanship and is free from mechanical defects, provided that:
  - The Product is installed and operated in accordance with the printed instructions as provided by PETRO Industrial.
  - The Product is used under normal operating conditions for which it is designed.
  - The Product is not subject to misuse, negligence or accident.
  - The Product receives proper care, lubrication, protection and maintenance under the supervision of suitably qualified personnel.
  - This warranty only applies where the product is maintained as per the PETRO Industrial's Tank Maintenance Schedule. This Maintenance Schedule covers the following:
    - Tank surface cleaning and paint protection
    - External valves, sockets, filtration and venting
    - Pump bay dispensing equipment
2. This warranty expires 12 months after shipment by PETRO Industrial to the first user.
3. This warranty does not apply to:
  - Fluids
  - Filters
  - Fuses
  - Bulbs
  - And other consumable or normally wearing type items unless found to be defective prior to use.
4. PETRO Industrial does not warrant the following components:
  - Engines (Gasoline or Diesel)
  - Compressors (Air or Freon) • Storage Batteries
  - Engine Starters
  - Generators
  - Alternators
  - Regulators
  - Governors
  - Transmissions
  - Any other Product having its own inherent warranty.

Many of the foregoing components are warranted directly by the manufacturer and are serviced by a worldwide network of distributors and others authorised to handle claims for component manufacturers. A first user's claim should be presented directly to such an authorized component service outlet. In the event any component manufacturer has warranted its component to PETRO Industrial and will not deal directly with a first user, then PETRO Industrial will cooperate with the first user in the presentation of a claim to such manufacturer.

Under no circumstances does PETRO Industrial assume any liability for any warranty claim against or warranty



work done by, or on behalf, of any manufacturer of the foregoing components.

## **PETRO WARRANTY POLICY**

5. PETRO Industrial extends this warranty only to the purchaser of new Products from PETRO Industrial or one of its authorised distributors. The products purchased under this warranty are intended for use exclusively by the buyer and its employees and by no other persons and, therefore, there shall be no third party beneficiary to this warranty.
6. A claim of defects in any Product covered by this warranty must be in writing and is subject to PETRO Industrial inspection and judgment. PETRO Industrial's liability is limited to repair only. PETRO Industrial will replace the defective product, F.O.B. factory, once the purchaser, at its expense, has returned the defective product to PETRO Industrial's nominated shipping place. Replacement and exchange parts will be warranted for the remainder of the original warranty, or for a period of ninety days, whichever is the greater.
7. Under no circumstances whatsoever shall PETRO Industrial and its authorised distributors be liable for any special or consequential damages, whether based on goodwill, lost resale profits, work stoppage, impairment of other goods or otherwise, and whether arising out of breach of any express or implied warranty, breach of contract, negligence or otherwise, except only as may be required by applicable law.
8. Continued use of Product (s) after discovery of a defect voids all warranties.
9. Except as authorised in writing, this warranty does not cover any equipment that has been altered by any party other than PETRO Industrial.
10. There are no warranties, which extend beyond the description of the face hereof. PETRO Industrial makes no warranties, express or implied, of merchant ability or fitness for a particular purpose.
11. PETRO Industrial neither assumes nor authorises any person for PETRO Industrial any liability in connection with the Products sold, and there are no oral agreements or warranties collateral to of affecting this written warranty.
12. The laws of the State of Queensland, Australia hereunder shall govern this warranty and all undertakings of PETRO Industrial.

### **Warning**

At all times, safety must be considered an important factor in the installation, servicing and operation of the product. Skilled and technically qualified personnel should always be employed for such tasks.

# PETRO Contact Information

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# PETRO INDUSTRIAL



[petroind.com](http://petroind.com)