



ACCREDITED FOR
**TECHNICAL
COMPETENCE**

Neptune Access IRM

COMPANY PROFILE



ISO9001:2008





CONTENTS

1.	INTRODUCTION	3
2.	SERVICES	3
2.1	Non-Destructive Testing and Inspections	4
2.1.1	Services	4
2.2	Repair and Maintenance	5
2.3	FPSO Services and Management	6
2.4	Major Shut-Down Maintenance	6
2.5	Rigging, Lifting and Mechanical Services	6
2.6	Project Management	7
2.7	Training	7
3.	INDUSTRIAL ROPE ACCESS	8
4.	TENSION NETTING	9
5.	QUALITY ASSURANCE	10

1. INTRODUCTION

Neptune Access IRM leads the drive towards efficiency, safety, and productivity and is continually searching for new methods of gaining quick and safe access to challenging work locations, both offshore and onshore, including Marine vessel hulls and tanks, oil platforms and pipelines, downstream petrochemical and mineral processing operations, pressure vessels, bridges and jetties.

Since its inception in 1999, Neptune Access IRM has grown to become one of the largest and most innovative specialist access companies in the Asia Pacific region. The company has established a solid reputation with major industries for providing a service built on safety, quality, cost-effectiveness and innovation. Neptune Access IRM has gained experience from over 1000 individual worksopes completed.

Neptune Access IRM is the only NATA NDT, IRATA Rope Access and ISO9001 quality accredited Australian company. We provide quality multi-disciplined NDT, Inspection and Rope Access technicians to the Oil & Gas and Mining Industries across Australia and Asia.

Our offices in Perth and the region provide our extensive regional client base with a unique service built on safety, quality, cost-effectiveness, and innovation. We work *with* our clients to overcome difficult and demanding worksites, providing safe solutions using rope access, lightweight staging and tension netting.

2. SERVICES

The potential challenges and hazardous environments within much of the resource sector can be safely managed by our rope access teams and Neptune Access IRM can offer a combination of access methods or advanced engineered solutions dependant on the client needs.

We aim to partner with our clients by:

- Access provision can be a significant proportion of any project's costs. Rope Access techniques can replace traditional solutions and offer clients significant savings.
- Single point of contact for the client - as we can provide both access and contracting. A single source reduces costs, provides easier site co-ordination and controls costs.
- Rope systems are quick to install and dismantle. By removing operational and time constraints, rope access services are often able to extend the 'time window' available to undertake work.
- Rope access offers better flexibility for rescheduling thereby exploiting favourable weather conditions.
- The use of rope access may obviate the need for track possessions or road closures. This can generate large cost savings.
- Rope access is statistically safer than scaffolding and uses fewer men. Ropes can be removed from site at the end of each shift - this is a particular benefit for works on, for example, high rise buildings and sports stadia where there is the potential for vandalism.
- The versatility of rope access services permits a more flexible and comprehensive 'point and shoot' service on, for example, inspection programmes. The Inspection Manager is no longer constrained to areas that can be easily reached by conventional means.

- Rope systems are unobtrusive. This is a benefit for clients who own historic properties and wish to retain the visual integrity of the structure during inspection or maintenance works.
- By minimising disruption at ground level, rope access often allows other trades to continue working when compared with the disruption caused by scaffolding.
- By avoiding loading a project with high initial costs, rope access may allow work to proceed earlier thereby minimising structural damage.

Neptune Access IRM offers a wide range of skill sets from highly skilled technical personnel including: Non destructive testing and inspection, programmed maintenance and repair; specialised lifting engineering; training programs; as well as complete project management of industrial shut down teams.

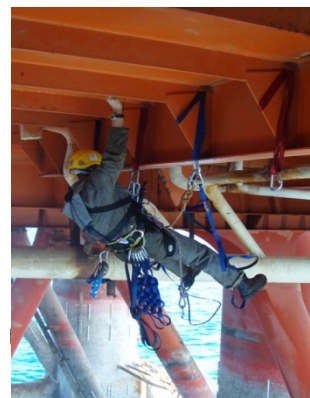
2.1 Non-Destructive Testing and Inspections

Neptune Access IRM offers numerous non-destructive testing strategies for detecting structure discontinuities:

- API Inspection (510, 570 and 653)
- Alternating Current Field Measurement (ACFM)
- Phased Array
- Eddy Current Testing
- Ultrasonic Flaw Detection and Wall Thickness Survey
- Time of Flight Diffraction (TOFD)
- Magnetic Particle Inspection
- Dye Penetrant Inspection
- Paint & Coating Inspection
- Visual Inspection
- Video and digital photography
- Boroscope & Fibre Optic Inspection
- Positive Material Identification (PMI)

2.1.1 Services

- General NDT projects
- 3rd Party Inspections
- Special Periodical Surveys
- Process piping baseline surveys
- FPSO class survey and maintenance
- Tanker class survey and maintenance
- Drill floor hoisting equipment inspections
- Drill tool inspection





Time of Flight Diffraction (TOFD) Inspection

2.2 Repair and Maintenance

- Neptune Access IRM's Repair Maintenance management philosophy is to work with the client utilising best management practices to produce cost effective and efficient maintenance solutions.
- This approach has resulted in innovative approaches to specific maintenance issues.
- Welding, Pipe Fitting and Cutting
- Mechanical & Rigging
- Corrosion Testing and Installation/
- Replacement of Corrosion Protection Systems
- Shot Blasting/Painting
- Confined Space Entry
- Electrical Installation/Maintenance
- Maintenance of Refinery Pressure Vessels/Pipe Work
- Pipe elbow removal and installation
- Flare Tip Maintenance/Change Outs
- Drilling Derrick Crown Block Maintenance
- Concrete Inspection, Chimney and Bridge Maintenance
- Bin (bauxite and coal) emergency corrosion repairs and steel removal/installation.

2.3 FPSO Services and Management

Neptune Access IRM has an Australian and regional capability to support FPSO conversion and operations management led by our regional Marine Services Manager. We have a number of service contracts with FPSO operators and offer clients the following services:

- Experienced in all NDT/inspection, repairs and maintenance as mentioned above for primary hull, process piping, lifting gear, marine piping and hazardous area
- UWILD – underwater inspection in lieu of dry-dock (PPSO, FSO, FSU) utilising ROVs and remote CCTV camera
- Underwater ACFM capability to assist with the UWILD inspection
- Hazardous area inspection
- Asset Integrity Management to support the project management of the above services

2.4 Major Shut-Down Maintenance

Neptune Access IRM's Major Shut Down services can involve multi-disciplined teams of 20 to 30 tradespersons performing comprehensive maintenance works on industrial site projects according to pre-arranged schedules. Neptune Access IRM has experience in supporting some of Australia's largest shutdown operations reducing the requirement for large teams of single skilled workers including scaffolders, welders and mechanical fitters. Services in addition to the above services include:

- Standby rescue
- Confined space entry
- Working at heights training for your team members

2.5 Rigging, Lifting and Mechanical Services

Rope access provides a convenient, safe and highly cost effective alternative to scaffolding for mechanical and construction projects both offshore and onshore. If consulted at the planning stage, Neptune Access IRM's Engineers may be able to reduce scaffolding and crane costs. By removing the physical constraints imposed by conventional access, the project manager is given increased operational flexibility.

Operations such as drilling, bolting and cutting are all undertaken from roped access and Neptune Access IRM also has teams of coded welders. Using specially adapted winches, rope technicians can lift and manipulate large and heavy objects such as air H.V.A.C. units and ducting.

Previous projects include:

- flare tip installation
- cross hauling heavy pipe onto lower deck levels
- dismantling of 500 tonne stern loader
- Heavy and Light Rigging for J Tube, Riser and Clamp Installation
- FPSO Riser installation and Turret Production Hook up



2.6 Project Management

Neptune Access IRM can support and integrate into your team to deliver effective outcomes. We regard your assets as our business, and we aim to reduce the life costs of those assets.

We have the capacity and capability to plan and mobilise large teams of highly skilled tradespersons. Our staff can manage short and long term maintenance programs, delivering real costs and real benefits to clients.

2.7 Training

Safety is paramount in the access industry. Neptune Access IRM has a dedicated training facility in Perth that is designed to train personnel to International Rope Access Trade Association standards. The facility has been set up with the specific requirements of industry, both onshore and offshore, utilising pipe work, hatches, vessel entry and exposed steelwork. The facility imitates the scenarios a rope access technician will come across during their course of work in a challenging industrial environment.

We also have Tension Netting training for operatives that can be delivered from our training centre or delivered onsite throughout the entire Asia Pacific and beyond. Extensive training programs have been undertaken in the Philippines, Singapore, Brunei, Vietnam, Indonesia and throughout Australia.

As a full Operating and Training Company member of IRATA, Neptune Access IRM is accredited to train Rope Access Technicians for operations at all levels within the IRATA system.

3. INDUSTRIAL ROPE ACCESS

Neptune Access IRM is a full member of the International Rope Access Trade Association (IRATA) as Operators and Trainers. We have also completed a number of safety, quality and technical audits by accredited external auditors and the company is a Registered Training Organisation (RTO).

All equipment is subject to stringent inspection, logging and maintenance systems and conforms to relevant European and International Standards.

IRATA, the International Rope Access Trade Association, was formed in 1987 as a result of an initiative by a number of leading companies involved in industrial rope access techniques. The Association's main aim is to promote the development of rope access and to ensure that it's members' work in a safe and effective manner.

The IRATA guidelines, to which Neptune Access IRM adheres, give practical advice on the duties placed on employers, employees and self-employed personnel who utilise specialist rope access methods for working at height. These duties are those imposed by the health and safety laws that have been expanded by the IRATA requirements to ensure best working practice. Rope access techniques have been developed from those used in climbing and caving but with additional safeguards to reflect the different attitudes required in the workplace from that normally accepted in these sports.

The guidelines include recommendations concerning the type of equipment that could be used, the level of experience and training of the personnel and the setting of overall objectives.



4.

5. TENSION NETTING

Complimentary to Rope Access service and lightweight cradle systems, Neptune Access IRM has introduced the Internationally Patented Tension Netting System as a Work Platform to their portfolio of access techniques. Generally Tension Netting is 70% quicker than scaffolding to erect, and offers large value-added savings in costs and manpower. For example it takes a team of 4 to install the nets, whereas a team of 6 to 8 would be needed to erect conventional scaffolding. The labour savings alone mean that staff can be deployed elsewhere to work.

Tension netting is an access platform which allows IRATA rope access technicians to enhance their working conditions. The primary safety mechanism remains the rope access safety standards.

Tension Netting provides rapid and unrestricted access to a diverse range of onshore and offshore structures, such as:

- Offshore production platforms and FPSOs
- Tankers
- Storage Facilities within refineries and mineral processing facilities
- Power stations and petrochemical facilities
- Jetties, ports and bridges

Tension netting is also stable and adaptable to all environments, reducing delays due to seasonal limits. For example, it can be easily erected and remain in place during cyclonic conditions, when traditional scaffolding structures may be potentially hazardous or costly to erect and dismantle. This allows for flexible maintenance planning, saving time, labour and money.



6. QUALITY ASSURANCE

In recognition of the importance of providing the best service to our clients and the advantages of a documented management system, Neptune Access IRM has a Quality Management System which is accredited and audited by DNV to AS/NZS ISO.9001: 2008 as well as AS ISO/IEC 17025 – 2005 for our NDT capabilities and services by NATA..

The office is fully equipped with computer hard and software to support our word processing, CAD, scheduling, document control, costing and project management requirements.

Neptune Access IRM has been subject to stringent entrance criteria and audits to ensure we meet IRATA's strict requirements for quality assurance, safety and work practices. As a full member of IRATA Neptune Access IRM is a Quality Approved company regularly and successfully audited.

In addition to audits by professional industry associations and quality assurance organisations, Neptune Access IRM is also audited by a number of international clients including Woodside, Teekay Shipping, Conoco Phillips, Clough Amec, Prosafe and Alcoa. We also hold accreditations and approvals from class societies including Lloyds Register and the American Bureau of Shipping for Marine Class Surveys.

Neptune Access IRM is a member of American Petroleum Institute.

