

PETROLIFT PROFILE



www.petrolift.com

ABOUT US

Petrolift was formed in 1999 when a gap was identified by Mr. Ehab Tadrous, founder and general manager, in the lifting equipment inspection industry and the local provision of quality lifting equipment.

Backed by industry leading international suppliers, Petrolift progressively increased product range, services, and in-house manufacturing.

WHAT WE DO

With our main office located in Bader City, Petrolift is home to specialised lifting equipment engineers. We focus on inspection and certification, supply, training, and fabrication of all types of lifting gear. In addition, Petrolift has a fully equipped Training Center providing rigging, survival, safety, HSE, lifting, and emergency response training accredited by renowned international bodies.

We represent a number of leading lifting equipment manufacturers, offering world-class quality, certified, and cost-effective products readily available to suit our clients' needs. Finally, Petrolift has successfully established a weaving factory for narrow fabrics and synthetic slings. Our aim is to make accredited synthetic lifting slings readily available locally and regionally.

WHY US

As a TUV, LEEA, ABS, and OPITO approved entity, Petrolift remains an industry pioneer in focusing on market demands and providing the highest quality and most innovative solutions.



OUR VISION

Petrolift : a one-stop shop for industrial solutions and lifting equipment requirements, serving industries from oil and gas, and construction to refineries, mining, renewable energy, and many more.

OUR MISSION

To provide highest quality industrial products and services, efficiently, promptly, and safely.

OUR CORE VALUES



Behave honestly, are trustworthy, and set a good example



Make sure our behaviour complies with the policies and rules set out by international standards and codes of practices



Ensure compliance with the most updated national and international legislations and standards in the countries where we have business arrangements



Report incidents, risks, and issues which deviate from our policies



Are continually conscious about the need to maintain our integrity



Use the resources of our accreditors in the best interest of our customers and not misuse these resources



Avoid possible conflicts of interest; do not accept gifts, invitations or other advantages which contradict with our integrity

Do not pay or accept bribes



INSPECTION AND CERTIFICATION SERVICES

Founded in 1999, Petrolift was the first Egyptian company to specialise in the inspection of lifting equipment. With our dedication to safe lifting operations and extensive experience over the years, the Petrolift team now includes more than 70 engineers working across Egypt and the Middle East.



OUR SERVICES INCLUDE

- Inspection, thorough examination, and load testing.
- ABS Approved Hull Gauging Inspection.
- Drop object survey.
- Destructive testing.
- Scaffolding inspection.
- Non Destructive Test (NDT), Includes (MT, VT, PT, UT, UT share wave). Eddy current testing
Magnetic particle inspection (MPI).
- Rig survey and inspection.
- Rope Access Services.

ABOVE SERVICES ARE PERFORMED ON

- Lifting Equipment (Lifting Appliances)
(Cranes, Winches, Monorail, RWB, CB, LH ...etc.)
- Lifting Gear (Loose Gear)
(Slings, shackles, eyebolts, master link ... etc.)





Petrolift is a full LEEA member along with acquiring ABS Approval. All our inspection engineers have successfully completed:

LEEА diplomas, NSL modules, and ANST Level II.

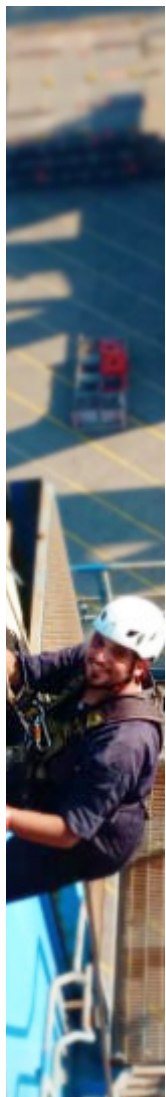
To ensure unparalleled quality service, Petrolift follows international inspection references. These include:

- Provision and Use of Work Equipment Regulations (PUWER)
- Lifting Operation & Lifting Equipment Regulations (LOLER)
- British Standard Institution (BSI)
- American Petroleum Institute (API)
- American Society of Mechanical Engineer (ASME)
- Approved Code of Practices (LOLER – LEEA (ACOP))
- Approved Schema
- Egyptian local standards

In the interest of our customers' convenience and to increase user friendliness, Petrolift engineers prepare and submit inspection reports and certifications on site with our clients.

We maintain database records of all inspected equipment to ensure it is readily available should our clients need additional copies

All our certificates have QR codes for validity and can be accessed online through the Petrolift Certification Portal with clients' unique login details.





TRAINING CENTRE








Established in 2008, the Petrolift Training Centre was built to conduct relevant onshore and offshore training to the Oil and Gas industry. Since then, our centre has expanded to include a variety of courses set to meet different sectors' needs and we maintain our dedication to develop our portfolio and increase our expertise.

All our courses are conducted by experienced and qualified instructors and assessors, using accredited course materials in both Arabic and English.

OFFSHORE AND ONSHORE TRAINING

Built according to international and OPITO standards, the Petrolift Training Centre includes a swimming pool with HUET system, heli-winch simulator, a two-level smokehouse and firefighting training ground, confined space entry and rescue module unit, a Totally Enclosed Motor Propelled Survival Craft (TEMPSC) Lifeboat, and a muster platform.

COURSE LIST

- | | | |
|---------------------------------|---|--------------------------------------|
| • BOSIET & T-BOSIET |  | • Gas Testing Awareness |
| • HUET & T-HUET |  | • Sea Survival |
| • FOET & T-FOET |  | • Firefighting |
| • H2S |  | • Self-rescue in Fire & Smoke |
| • E-IMIST |  | • FirstAid |
| • Safety On Site | | • Basic Vertical Rescue from Heights |
| • MEMIR | | • SCBA Use |
| • OIM Controlling Emergencies | | • Working Safely at Heights |
| • Confined Space Entry & Rescue | | • Basic Defensive Driving |







In efforts to meet various needs, health and safety training may be conducted on clients' premises where applicable.



LIFTING TRAINING

As a specialist lifting company, Petrolift provides a wide scope of lifting training courses from basic to advanced levels. Our coaching covers a wide range of topics ranging from safe lifting practices to changing risky habits and developing a good sense of safe operations.

COURSE LIST

- Rigger Initial Training (Stage 1&2) 
- Lifting Operation Supervisor 
- Appointed Person for Lifting Operation (APLO) 
- Electric Overhead Travelling Crane Operation and Slings 
- Rigging and Slings (2/3 Days) 
- LOLER & PUWER Seminar 
- Forklift Operator Training
- Aerial Lift Operator Training (Man Lift)
- Lifting Team Duties and Responsibilities (VOC) Approved system
- Mobile Crane Operator
- Offshore Crane Operator
- Advanced Lifting Operation Safely
- Safe Lifting Operation Management System





SUPPLY

Petrolift works with leading industry manufacturers to provide companies in the region with state of the art lifting and safety equipment. Our supply product range includes wire ropes, chains, lifting and hoisting accessories, webbing slings, ferrules and thimbles, and Personal Protective Equipment.

WE

SUPPLY

LIFTING ACCESSORIES

theCrosbygroup

<p>SHACKLES</p> <div style="display: flex; justify-content: space-around;"> </div> <p>G-2130 G-209 G-2150 G-210 G-2160 S-252</p>	<p>HOOKS</p> <div style="display: flex; justify-content: space-around;"> </div> <p>S-1316 S-1317 320CN S-1326 A-378</p>	
<p>CHAINS AND COMPONENTS</p> <div style="display: flex; justify-content: space-around;"> </div> <p>AlloyChain LOK-A-LOY A-330 A-1362</p>	<p>MACKISSICK BLOCKS & OVERHAUL BALLS</p> <div style="display: flex; justify-content: space-around;"> </div> <p>419 M-491 380Series RJStyle</p>	<p>LIFTING POINTS</p> <div style="display: flex; justify-content: space-around;"> </div> <p>S-279 S-265 HR-125</p>
<p>LIFTING CLAMPS</p> <div style="display: flex; justify-content: space-around;"> </div> <p>IPH10 IP10 IPTKU IPDV</p>	<p>WIRE ROPE END TERMINATIONS</p> <div style="display: flex; justify-content: space-around;"> </div> <p>S-416 S-417 S-421 G-450</p>	<p>MASTER LINKS</p> <div style="display: flex; justify-content: space-around;"> </div> <p>A-344 A-347</p>

MANUAL HOISTING



William Hackett
 MADE IN ENGLAND

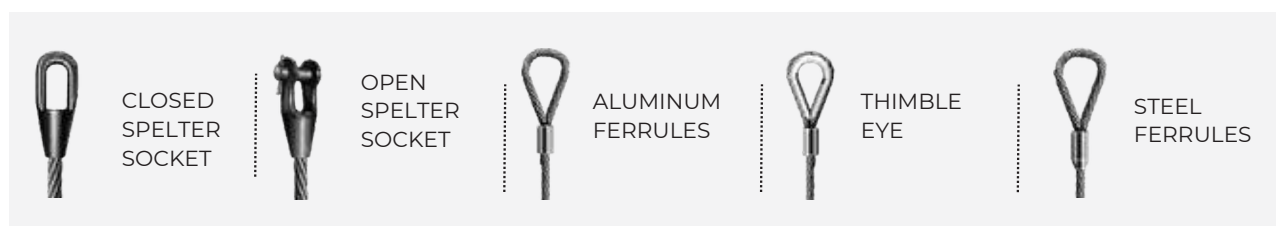


STEEL WIRE ROPE SLINGS FABRICATION

Petrolift is proud of being the first ever certified wire rope sling shop in Egypt. With top of the range equipment and extensive expertise, we fabricate tailor made 6mm – 80 mm diameter wire rope slings.

All our products are tested and certified according to international standards. Our products have supplied leading industries, companies, and local and regional projects.

Petrolift offers specialised product services to meet client needs. (Drill line, raising line, etc...)




USER GUIDE

GENERAL PURPOSE WIRE ROPE SLINGS – BS EN 13414-1


IWRC Construction – 1770 Grade – Class 6x19, Class 6x36

ROPE Diameter	SINGLE LEG WLL	Leg Angle 0 - 45°		Leg Angle 45 - 60°		Minimum Break Load
		2 leg WLL	3 & 4 leg WLL	2 leg WLL	4 leg WLL	
mm	tonne	tonne	tonne	tonne	tonne	tonne
8	0.75	1.05	1.55	0.75	1.10	4.11
9	0.95	1.30	2.00	0.95	1.40	5.20
10	1.15	1.60	2.40	1.15	1.70	6.42
11	1.40	2.00	3.00	1.40	2.12	7.77
12	1.70	2.30	3.55	1.70	2.50	9.25
13	2.00	2.80	4.15	2.00	3.00	10.8
14	2.25	3.15	4.80	2.25	3.40	12.6
16	3.00	4.20	6.30	3.00	4.50	16.4
18	3.70	5.20	7.80	3.70	5.65	20.8
19	4.16	5.82	8.74	4.16	6.24	23.1
20	4.60	6.50	9.80	4.60	6.90	25.7
22	5.65	7.80	11.8	5.65	8.40	31.1
24	6.70	9.40	14.0	6.70	10.0	37.0
26	7.80	11.0	16.5	7.80	11.5	43.4
28	9.00	12.5	19.0	9.00	13.5	50.4

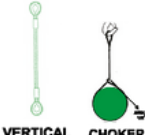
ROPE Diameter	SINGLE LEG WLL	Leg Angle 0 - 45°		Leg Angle 45 - 60°		Minimum Break Load
		2 leg WLL	3 & 4 leg WLL	2 leg WLL	4 leg WLL	
mm	tonne	tonne	tonne	tonne	tonne	tonne
28	9.00	12.5	19.0	9.00	13.5	50.4
32	11.8	16.5	25.0	11.8	17.5	54.1
35	14.2	19.9	29.8	14.2	21.3	78.7
36	15.0	21.0	31.5	15.0	22.5	83.3
38	16.7	23.4	35.1	16.7	25.1	92.8
40	18.5	26.0	39.0	18.5	28.0	103
44	22.5	31.5	47.0	22.5	33.5	124
48	26.0	37.0	55.0	26.0	40.0	148
52	31.5	44.0	66.0	31.5	47.0	174
54	33.7	47.2	70.8	33.7	50.6	187
56	36.0	50.0	76.0	36.0	54.0	201
60	42.0	58.0	88.0	42.0	63.0	231
64	49.3	69.0	104	49.3	74.0	274
71	59.9	83.9	126	59.9	89.9	333
77	70.0	98.0	147	70.0	105	389
Leg factor	1	1.4	2.1	1	1.5	



TWO LEG SLINGS



THREE AND FOUR LEG SLINGS



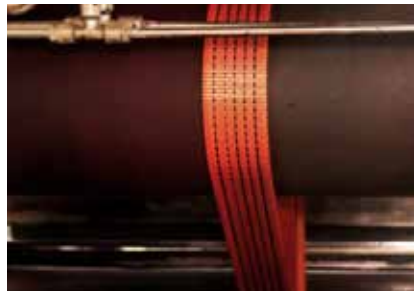
VERTICAL CHOKER

SYNTHETIC SLINGS WEAVING MANUFACTURING

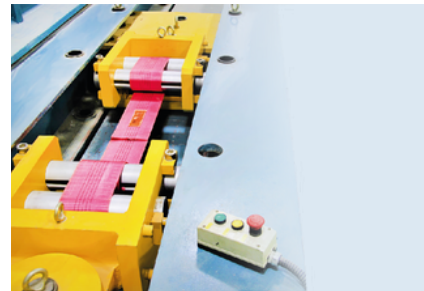
Petrolift is the only company weaving synthetic slings 100% made in Egypt.



We use Grade AA High Tenacity Polyester Multi-Filament Industrial Yarn.

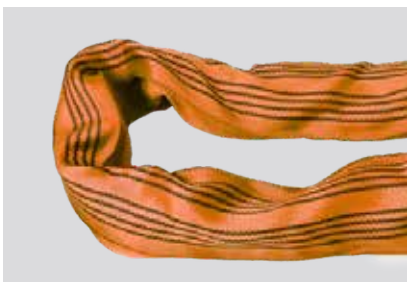
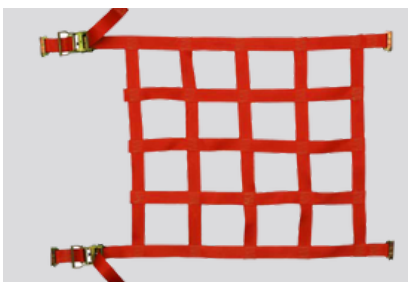


All Petrolift slings are colour and line coded according to industry standards to indicate safe working load limit.



All synthetic webbing products are tested in-house using our calibrated pull testing machine.

Petrolift manufactures flat webbing slings, endless round slings, ratchets, web lashings, and truck nets with webbing belts.



SYNTHETIC LIFTING SLINGS

Synthetic slings are lifting slings made of polyester and are a cost effective and safe alternative to chain or wire rope slings. Flexible, lightweight, safe, and easy to use, synthetic slings are popular amongst different industries. They are available as either flat webbing slings or endless round slings. Petrolift manufactures these in compliance with EN 1492 Standards and at a safety factor of 7:1.



FLAT WEBBING SLINGS

In accordance with EN 1492-1 Standard



Working Load Limit (Tonne)							
		Vertical	Choker	Basket	Basket 60°	Basket 45°	Basket 30°
Plee2-1te	Violet	1	0.8	2	1.7	1.4	1
Plee2-2te	Green	2	1.6	4	3.4	2.8	2
Plee2-3te	Yellow	3	2.4	6	5.1	4.2	3
Plee2-4te	Grey	4	3.2	8	6.9	5.6	4
Plee2-5te	Red	5	4	10	8.6	7	5
Plee2-6te	Brown	6	4.8	12	10.3	8.4	6
Plee2-8te	Blue	8	6.4	16	13.8	11.2	8
Plee2-10te	Orange	10	8	20	17.3	14	10

ENDLESS ROUND SLINGS

In accordance with EN 1492-2 Standard



Working Load Limit (Tonne)							
		Vertical	Choker	Basket	Basket 60°	Basket 45°	Basket 30°
Plers-1te	Violet	1	0.8	2	1.7	1.4	1
Plers-2te	Green	2	1.6	4	3.4	2.8	2
Plers-3te	Yellow	3	2.4	6	5.1	4.2	3
Plers-4te	Grey	4	3.2	8	6.9	5.6	4
Plers-5te	Red	5	4	10	8.6	7	5
Plers-6te	Brown	6	4.8	12	10.3	8.4	6
Plers-8te	Blue	8	6.4	16	13.8	11.2	8
Plers-10te	Orange	10	8	20	17.3	14	10

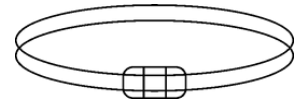


LOAD SECURING

LASHING STRAP

Linear Breaking Strength
Elongation At Lc
Width
Material
Standard No.

5.000 daN / 11,000 Lbs.
<7% (EN 12195-2)
40 mm - 1.5/8"
High Tenacity Polyester
WSTDA-4 +EN 12195-2



Buckle Specifications

Breaking Strength
Width
Material

6.000 daN / 13,200 Lbs.
Inner width 40 mm - 1.5/8"
Zinc Plated Steel Buckles



CARGO STRAP

Part No.	Lashing Capacity (Kg)	Webbing Width	M.B.S (Kg)	Fixed Length (Cm)	 (Kg)	 (Kg)
Plrtd25-040	400	25mm	800	30	400	800
Plrtd25-050	500	25mm	1000	30	500	1000
Plrtd25-075	750	25mm	1500	30	750	1500
Plrtd35-075	750	35mm	1500	50	750	1500
Plrtd35-100	1000	35mm	2000	50	1000	2000
Plrtd35-150	1500	35mm	3000	50	1500	3000
Plrtd50-150	1500	50mm	3000	50	1500	3000
Plrtd50-200	2000	50mm	4000	50	2000	4000
Plrtd50-250	2500	50mm	5000	50	2500	5000
Plrtd75-350	3500	75mm	7000	70	3500	7000
Plrtd100-500	5000	100mm	10000	70	5000	10000



SPECIALITY PRODUCTS



According to European Standards, textile lifting devices (EN 1492-1 & EN 1492-2) and lashing systems (EN 12195-2), must be protected from sharp angles and edges. Polyurethane is a resistant material used to protect lifting and lashing slings during the handling of sharp and cut edged products. PMS Industrie has developed a wide range of polyurethane protection products, which Petrolift is proud to offer our clients:

UHMWPE GRIZZLY SLINGS

The Grizzly range is manufactured with UHMWPE (Ultra-High Molecular Weight Polyethylene), one of the most resistant materials available on the market. With an excellent resistance to abrasion, cut, water and moisture, UHMWPE fibre is particularly used to manufacture high strength roundslings for heavy lifting both in offshore and onshore industries.



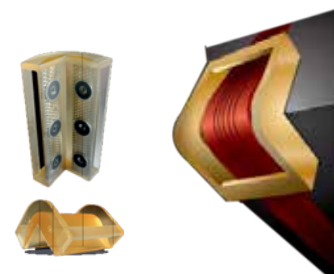
POLYURETHANE COATING AND SLEEVES

PMS Industrie has developed a line of coating and sleeve solutions that protect lifting slings when handling sharp and cut edged loads. The range of products is highly resistant to cuts, protects loads, has excellent adherence properties in case of slippery surface, and enhances slings' lifespan.



POLYURETHANE EDGE PROTECTION

Polyurethane corners protect slings from cuts or abrasions against sharp edges. They create balanced load weight distribution and are shock



WORKWEAR MANUFACTURING

Petrolift offers a wide range of fully customisable workwear production for our clients. Manufactured with safety, comfort, and agility in mind, our range is ideal for factory and industrial environments. Previous products have included padded winter jackets, reflective coveralls, and embroidered shirts and trousers.



PERSONAL PROTECTIVE EQUIPMENT



Petrolift represents Portwest in Egypt

Portwest is a global manufacturer and innovator of workwear, safety wear and PPE. Established in 1904, Portwest is the fastest growing workwear company in the world with a global distribution network and customer service staff in over 130 countries. Innovative production and design by an in-house team of experts lies at the heart of the Portwest advantage.

PRODUCT RANGE INCLUDES

- High visibility clothing
- Flame resistant clothing
- Workwear
- Footwear
- Gloves
- Eye protection
- Head protection
- Fall protection



STEEL FABRICATION

Petrolift offers steel fabrication services designed, fabricated, tested and certified in our facilities. Our products supply the oil and gas, marine, lifting, and construction industries.

We design and fabricate according to offshore standards BS EN ISO 10855-1:2018 and BS EN 14502:2010. Products may be verified by a third party at the clients' request. Drawings, structural analysis, and certification are all delivered with each fabricated unit. Petrolift's services include repairing, cutting, welding, painting, and sandblasting.

OUR PRODUCT RANGE INCLUDES

- Cargo Carrying Units (CCU's)
- Lifeline System
- Offshore Containers
- Cargo Baskets
- Pad Eyes
- Machined Steel Parts
- Drum Lifter
- Personal Baskets
- Racking Systems
- Spreader Beams
- Trolley
- Bop Frame
- Lugs



PERSONAL
BASKETS



CARGO CARRYING
UNITS (CCU'S)



SPREADER
BEAMS



LIFELINE
SYSTEM



Badr Industrial City, Plot 1/197 Postcode
11829, Cairo - Suez Road, Egypt



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