

PRODUCT CATALOGUE 2017

2003

ESTABLISHED



EXPORTS
TO MORE THAN
30
COUNTRIES

EXPERTS IN



Lifting &
Rigging



Offshore &
Marine
Services



Lifting
Equipment
Inspection &
Training



SHARJAH • DUBAI • ABU DHABI



125+
EMPLOYEES



CONTENT

1	Steel Wire Rope	06
2	Lift ^x Heavy Lift Slings.....	08
3	Lift ^x Cable laid Grommets & Slings.....	08
4	Lift ^x Hyperlock Slings	09
5	Lift ^x 9 Part Braided Slings	10
6	Steel Wire Rope Slings	11
7	Chain Slings & Grade 80 Fittings.....	13
8	Polypropylene Ropes.....	14
9	Dyneema Ropes.....	14
10	Polyester Flat Webbing Slings & Endless Round Slings	15
11	Special Purpose Slings.....	18
12	Pipe Lowering Belt.....	19
13	SuperMax Round Sling.....	20
14	SuperMax Jacket Sling	21
15	SuperGuard	21
16	Full Body Safety Harness & Accessories	22
17	Green Pin Shackles	28
18	Excel.....	29
19	Powerjack.....	30
20	Modulift	31
21	Limpet.....	32
22	Nyrosten.....	32
23	Inspection & Certification Services.....	33
24	Services	34
25	Training Programs	36
26	Rental of Load Monitoring Solutions	38
27	Calibration Services.....	39
28	Other Services.....	40
29	QwikSpec	41
30	Approvals & Accreditations	42
31	Facility	44



PRODUCTS

STEEL WIRE ROPE

Liftek maintains a large stock of wire rope for various applications. Our high quality wire ropes are sourced from Europe, Korea, India and UAE. All ropes conform to the relevant International and Local norms and are supplied with Mill Test Certificates.

FEATURES

- Over 2,000 MT stock of superior brand wire ropes
- Brands include DSR, Brunton Wolf, Manho
- Upto 4 inch Diameter in stock
- No minimum order quantity
- Tensile Grades: 1960 N/mm², 2160 N/mm², EIPS, EEIPS
- Manufacturing Standards: EN 12385, API 9A, ISO 10425
- Certificates: Mill Test Certificate with 3rd party certifications like DNV, Lloyds, & ABS
- Applications: Oil & Gas, Drilling, Marine, Engineering, Cranes & Hoists etc





LIFT^X HEAVY LIFT SLINGS

With over a decades experience in the field of heavy lifting slings, Liftek offers the largest and best heavy lift slings to more than 25 countries.

LIFT^X CABLE LAID GROMMETS & SLINGS

FEATURES

- Made in-House at our Hamriyah Free Zone facility to a stringent Quality Plan
- Machine made to ensure tight Effective Working Length Tolerances
- Typical Construction of 12x (6 x 36WS + IWRC); Tensile Strength 1,960 N/mm²; EEIPS
- Manufactured in accordance to EN13414-3 or IMCA M179 specifications
- Visibly marked tuck & core butt positions
- Can be manufactured to small lengths hence catering to the requirements of many industries



LIFT^x HYPERLOCK SLINGS



LiftX HyperLock sling is the latest addition to the LiftX range of heavy lift solutions.

FEATURES

- Made in-House at our Hamriyah Free Zone facility to a stringent Quality Plan
- Typical construction of 7x (6x36WS + IWRC)
- Slings upto 4000 Ton (CSBL1650T)
- Manufactured in accordance with IMCA M 179 Rev.1
- Flemish Eye Resign Filled Sleeve Termination (FERFST) with 100% termination efficiency which results in High Breaking
- Consistency in sling lengths
- Can be manufactured in long lengths and even in very short lengths thus having advantage over cable laid slings
- Improved load distribution due to FERFST method
- No tail end protrusion making it safer to use
- Ease of handling



LIFT^x 9 PART BRAIDED SLINGS

FEATURES

- Made In-house at our Hamriyah Free Zone facility to a stringent quality plan
- LiftX 9 part braided slings are manufactured in a 9 strands configuration
- Fabricated in 9x (6x36WS + IWRC); Tensile Strength 1,960 N/mm²; EEIPS
- Slings upto 5000 Ton (CSBL1400T)
- Standards in place to ensure effective working length tolerance
- Manufacture to ASME B30.9, Wire rope technical board, IMCA 179 standards
- Higher breaking strength of 9 part braided slings make it superior to cable laid grommet and cable laid grommet slings
- Greater flexibility, reduced weight and non-twisting characteristics
- Increased number of ropes in the eye and leads to higher efficiency by parallel positions of unit ropes in the sling eye
- Terminated using flemish eye and steel ferrule
- Supplied with in-house test certificate, 3rd party certification from DNV-GL, ABS, BV, TUV etc available upon request



STEEL WIRE ROPE SLINGS

FEATURES

- One of the most comprehensive rigging facilities in the Middle East
- Fabrication of slings upto 4 inch (103mm) diameter with Steel (Flemish) and Aluminum sleeves
- Slings manufactured to EN 13414-1
- Fittings from Crosby, GN Rope Fittings, Rope Block, Rocon, Wirop, ToyoLift, Green Pin



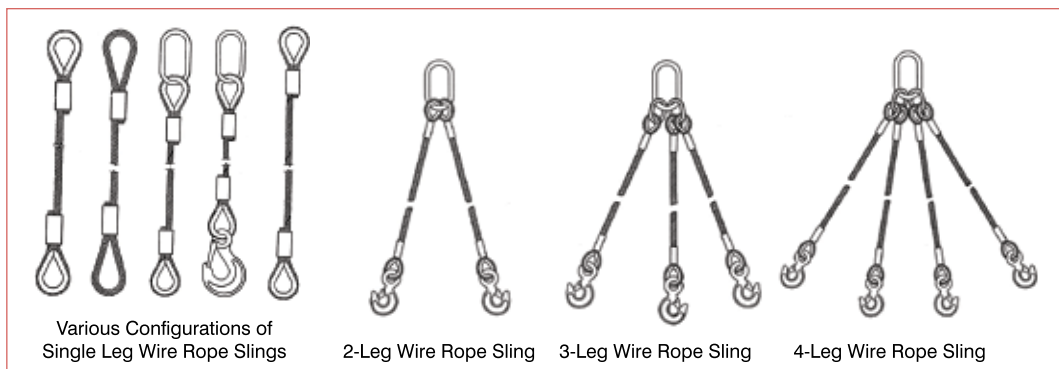
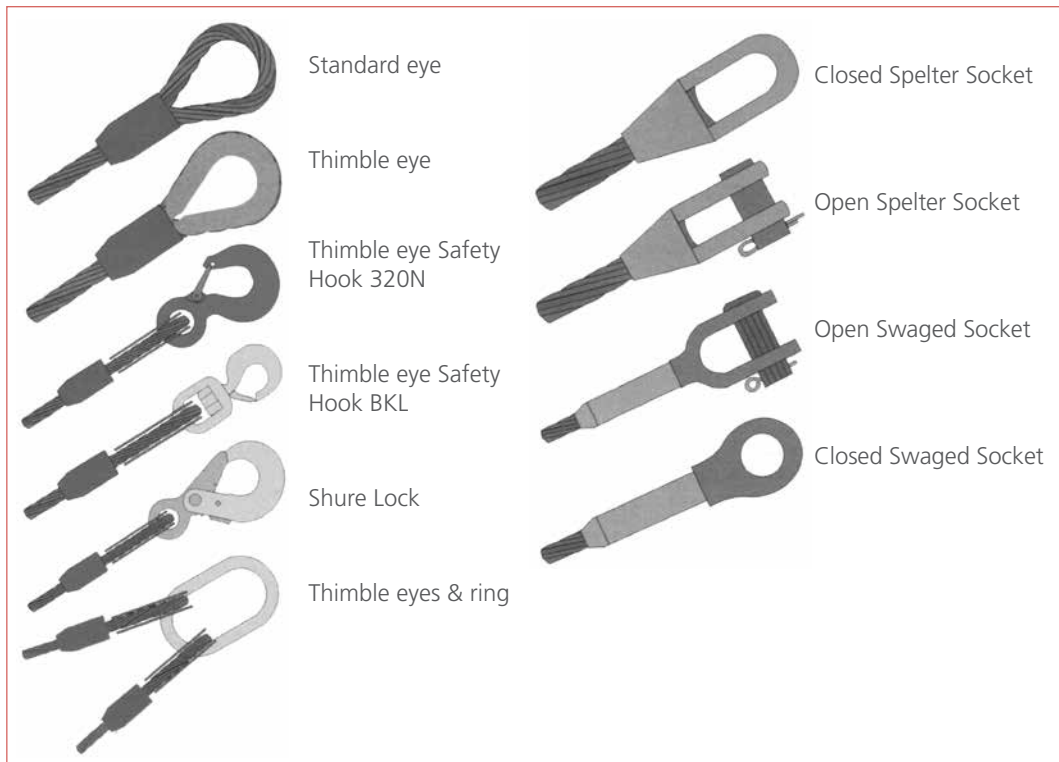
GN ROPE FITTINGS



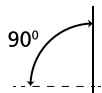
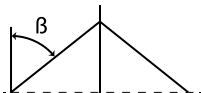
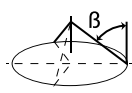
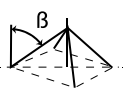
EXCEL®

TOYO

Crosby



Working load limits for slings using steel cored rope of classes 6x19, 6x36 and 6x41 and having ferrule-secured eye terminations.

	Single leg sling	Two leg sling		Three and Four leg sling	
Angle to the vertical	0°	0° - 45°	45°-60°	0° - 45°	45°-60°
					
Nominal Rope Dia (mm)	WORKING LOAD LIMITS (Tonnes)				
8 (5/16")	0.82	1.15	0.82	1.72	1.23
9	1.00	1.40	1.00	2.10	1.50
10 (3/8")	1.30	1.80	1.30	2.73	1.95
11	1.50	2.10	1.50	3.15	2.25
12	1.80	2.50	1.80	3.80	2.70
13 (1/2")	2.10	2.90	2.10	4.40	3.15
14 (9/16")	2.50	3.50	2.50	5.25	3.75
16 (5/8")	3.30	4.60	3.30	6.90	4.95
18	4.10	5.70	4.10	8.60	6.15
19 (3/4")	4.60	6.40	4.60	9.65	6.90
20	5.10	7.10	5.10	10.70	7.65
22 (7/8")	6.20	8.70	6.20	13.00	9.30
24	7.40	10.30	7.40	15.50	11.10
26 (1")	8.60	12.00	8.60	18.05	12.90
28 (1-1/8")	10.00	14.00	10.00	21.00	15.00
32 (1-1/4")	13.10	18.30	13.10	27.50	19.65
36 (1-3/8")	16.60	23.20	16.60	34.85	24.90
38 (1-1/2")	18.50	25.90	18.50	38.85	27.75
40	20.60	28.80	20.60	43.25	30.90
42 (1-5/8")	22.60	31.60	22.60	47.45	33.90
44 (1-3/4")	24.80	34.70	24.80	52.10	37.20
48 (1-7/8")	29.50	41.40	29.50	61.95	44.25
52 (2")	34.80	48.70	34.80	73.10	52.20
56 (2-1/4")	40.20	56.30	40.20	84.40	60.30
60	46.20	64.70	46.20	97.00	69.30
64 (2-1/2")	54.80	76.70	54.80	115.10	82.20
71 (2-3/4")	66.60	93.20	66.60	139.85	99.90
76 (3")	76.50	107.10	76.50	160.65	114.75
83 (3-1/4")	89.60	125.50	89.60	188.20	134.46
89 (3-1/2")	101.00	141.40	101.00	212.10	151.50
103 (4")	129.00	180.60	129.00	270.90	193.50

WLL as per EN 13414-1 & EN 12385 (Where applicable)



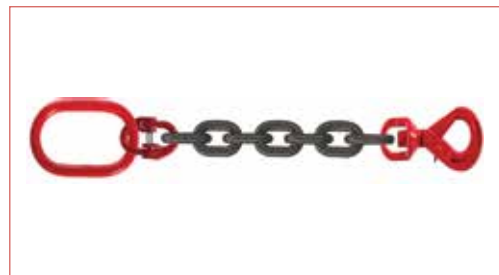
CHAIN SLINGS & GRADE 80 FITTINGS

FEATURES

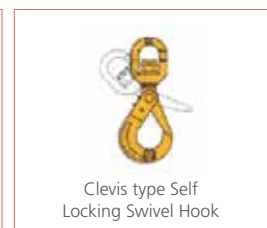
- More than 250 tons of Grade 100 & Grade 80 chain in stock
- Upto 32mm lifting chain in stock
- Chains manufactured to EN 818-1 and Chain Slings to EN 818-4
- Fittings from Crosby, GN Rope Fittings, ToyoLift, Van Beest - Green Pin

**EXCEL®****Crosby®****GN ROPE FITTINGS TOYO LIFT**

CHAIN SLING - SWL CHART						All loads shown in tonnes
Chain Size (mm)	Single Leg	Two Leg		Three and Four Leg		Endless
		0°-45°	45°-60°	0°-45°	45°-60°	
7	1.5	2.12	1.5	3.15	2.24	2.5
8	2.0	2.8	2.0	4.25	3.0	3.15
10	3.15	4.25	3.15	6.7	4.75	5.0
13	5.3	7.5	5.3	11.2	8.0	8.5
16	8.0	11.2	8.0	17.0	11.8	12.5
20	12.5	17.0	12.5	26.5	19.0	20.0
22	15.0	21.2	15.0	31.5	22.4	23.6
26	21.2	30.0	21.2	45.0	31.5	33.5
32	31.5	45.0	31.5	67.0	47.5	50.0



CHAIN SLINGS FITTINGS AND ACCESORIES



POLYPROPYLENE ROPES

FEATURES

- Large inventory of PP ropes
- All ropes with 3rd party certificate, e.g. Germanischer Lloyd
- Any length with spliced eyes



CHARACTERISTICS

- Higher breaking strength
- Excellent shock absorption
- Minimum elongation
- Excellent shape retention
- Abrasion resistance
- Better grip
- Durable and ultraviolet stabilized
- Fully balance and torque free



DYNEEMA ROPES

Dyneema Rope is an ultra-high molecular weight polyethylene (UHMWPE) fibre braided rope utilizing DSR's proprietary rope design and manufacturing expertise.

With highest tensile strength per weight, it is stronger than the steel wire rope of same diameter, and it weighs only 1/8 of the weight of the steel wire rope. Treated with DSR's unique coating process and special heat treatment process to enhance its anti-abrasion characteristics. Dyneema fiber is super strong yet lightweight and ensures that you have the most reliable, safe and durable rope solution. Ropes with Dyneema provide extraordinary performance in the most demanding conditions.



PROPERTIES

<ul style="list-style-type: none">• Melting Point: 150°C• Specific Gravity: 0.97 (Float)• Elongation at break: 4-5%• Water Absorption: None	<ul style="list-style-type: none">• UV resistance: Good• Maximum strength to weight ratio and strength comparable to steel wire rope• Lowest elongation	<ul style="list-style-type: none">• Longer life and easy handling• Superior abrasion resistance• Non-kinking, and non-rotational• Easy to splice
--	---	---

APPLICATIONS

<ul style="list-style-type: none">• Mooring Lines• Anchor Lines	<ul style="list-style-type: none">• Lifting Sling and Nets• Towing Rope	<ul style="list-style-type: none">• Heaving Rope• Tug Rope
--	--	---










POLYESTER FLAT WEBBING SLINGS & ENDLESS ROUND SLINGS

FEATURES






- Largest manufacturer in the Middle East & North Africa with annual capacity of 1,500 tonnes of soft slings
- Manufactured to EN 1492-1 & ASME B30.9 (Flat Slings) & EN 1492-2 (Round Slings)
- Highly customizable depending on client requirements
- SWL from 500kg to 150 tons, EWL from 50cm to 100 mtrs
- ISO 9001 certified production process with stringent quality control procedures
- Large stock ready to be delivered within short delivery time

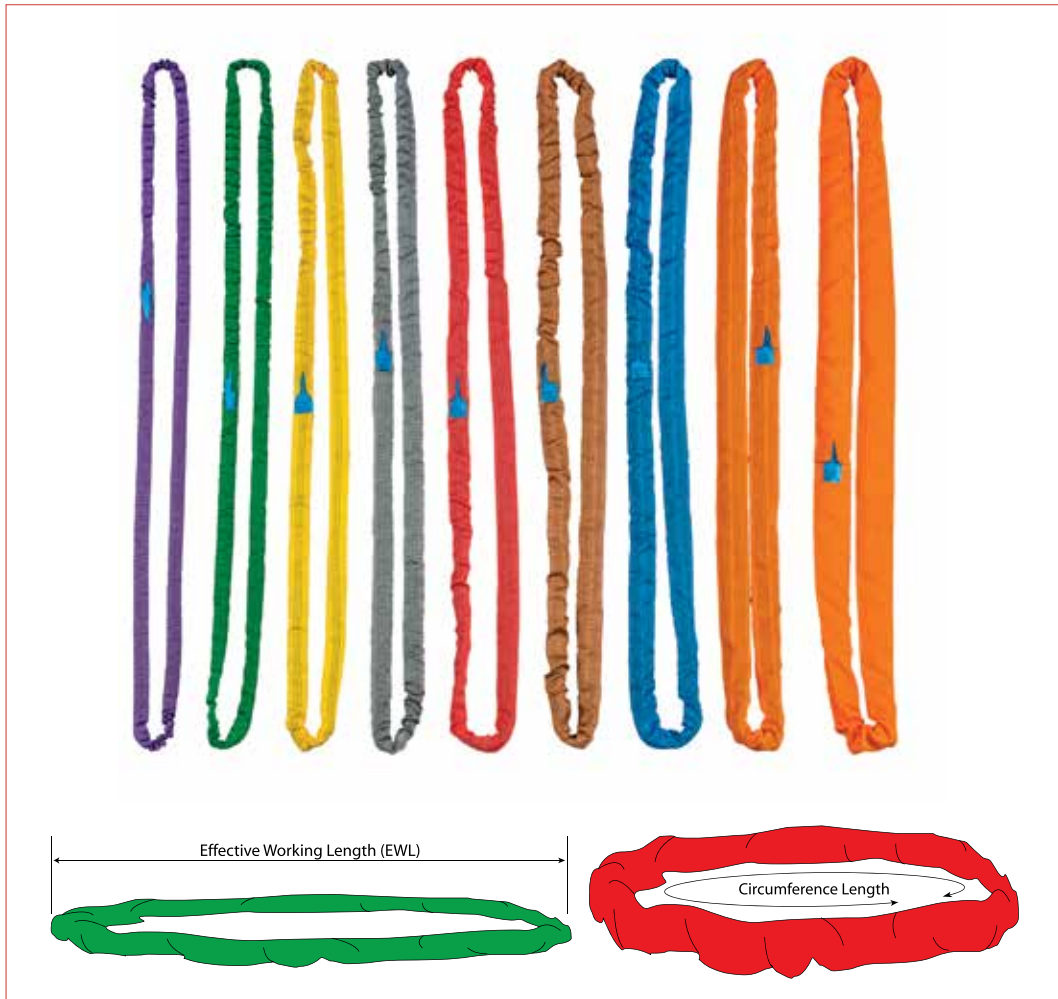


CAPACITY CHART in KGS for 1-PLY and 2-PLY FLAT POLYESTER WEBBING SLINGS






		M=1 		M=0.8 		M=2 		M=1.4  0° - 45°		M=1  45°-60°	
		Straight Lift - 100%		Choker Lift - 80%		Basket/U Lift - 200%		At Angle Beta - 140%		At Angle Beta - 100%	
Colour Code	Width in Inches	1-PLY	2-PLY	1-PLY	2-PLY	1-PLY	2-PLY	1-PLY	2-PLY	1-PLY	2-PLY
Violet	1	500	1000	400	800	1000	2000	700	1400	500	1000
Green	2	1000	2000	800	1600	2000	4000	1400	2800	1000	2000
Yellow	3	1500	3000	1200	2400	3000	6000	2100	4200	1500	3000
Grey	4	2000	4000	1600	3200	4000	8000	2800	5600	2000	4000
Red	5	2500	5000	2000	4000	5000	10000	3500	7000	2500	5000
Brown	6	3000	6000	2400	4800	6000	12000	4200	8400	3000	6000
Blue	8	4000	8000	3200	6400	8000	16000	5600	11200	4000	8000
Orange	10	5000	10000	4000	8000	10000	20000	7000	14000	5000	10000
Orange	12	6000	12000	4800	9600	12000	24000	8400	16800	6000	12000

CAPACITY CHART in KGS for 3-PLY and 4-PLY FLAT POLYESTER WEBBING SLINGS

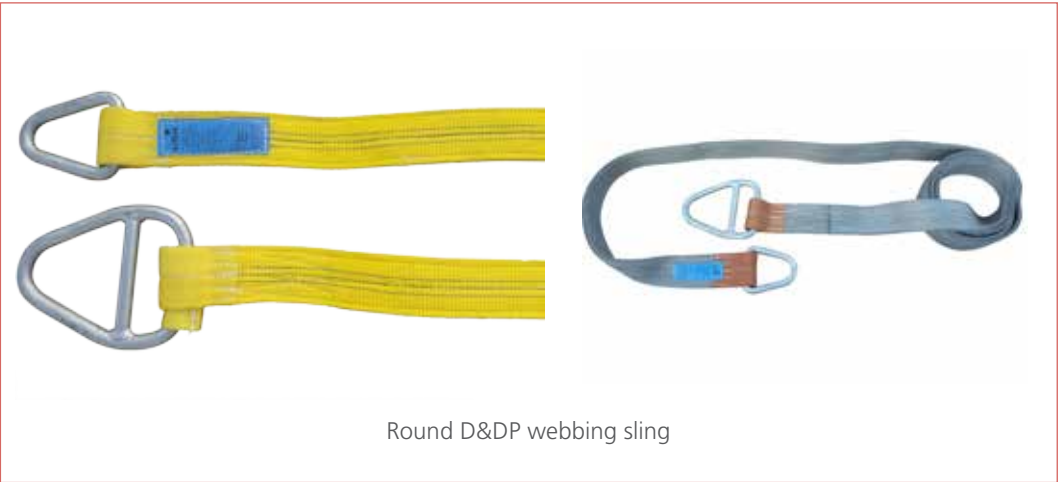
		M=1 		M=0.8 		M=2 		M=1.4  0° - 45°		M=1  45°-60°	
		Straight Lift - 100%		Choker Lift - 80%		Basket/U Lift - 200%		At Angle Beta - 140%		At Angle Beta - 100%	
Colour Code	Width in Inches	3-PLY	4-PLY	3-PLY	4-PLY	3-PLY	4-PLY	3-PLY	4-PLY	3-PLY	4-PLY
Violet	1	1500	2000	1200	1600	3000	4000	2100	2800	1500	2000
Green	2	3000	4000	2400	3200	6000	8000	4200	5600	3000	4000
Yellow	3	4500	6000	3600	4800	9000	12000	6300	8400	4500	6000
Grey	4	6000	8000	4800	6400	12000	16000	8400	11200	6000	8000
Red	5	7500	10000	6000	8000	15000	20000	10500	14000	7500	10000
Brown	6	9000	12000	7200	9600	18000	24000	12600	16800	9000	12000
Blue	8	12000	16000	9600	12800	24000	32000	16800	22400	12000	16000
Orange	10	15000	20000	12000	16000	30000	40000	21000	28000	15000	20000
Orange	12	18000	24000	14400	19200	36000	48000	25200	33600	18000	24000



CAPACITY CHART in KGS for ROUND SLINGS

				 0° - 45°	 45°-60°
	Straight Lift - 100%	Choker Lift - 80%	Basket/U Lift - 200%	At Angle Beta - 140%	At Angle Beta - 100%
Colour Code					
Violet	1000	800	2000	1400	1000
Green	2000	1600	4000	2800	2000
Yellow	3000	2400	6000	4200	3000
Grey	4000	3200	8000	5600	4000
Red	5000	4000	10000	7000	5000
Brown	6000	4800	12000	8400	6000
Blue	8000	6400	16000	11200	8000
Orange	10000	8000	20000	14000	10000
Orange	12000	9600	24000	16800	12000
Orange (Sideseam)	15000	12000	30000	21000	15000
Orange (Sideseam)	20000	16000	40000	28000	20000
Orange (Sideseam)	25000	20000	50000	35000	25000
Orange (Sideseam)	125000	100000	250000	175000	125000

SPECIAL PURPOSE SLINGS



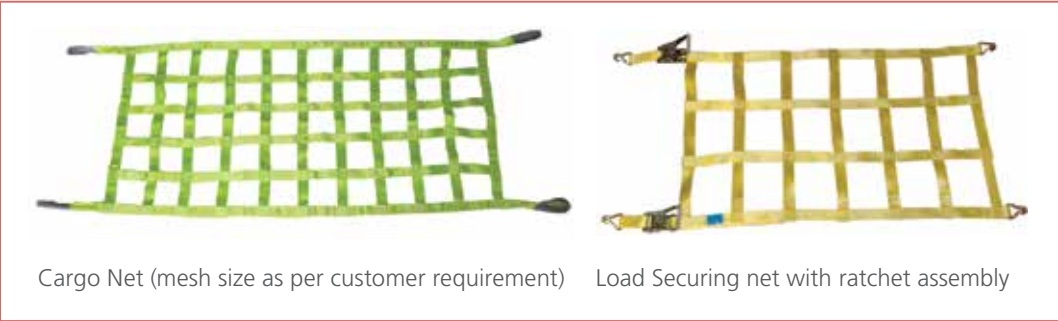
Round D&DP webbing sling



Extra wide webbing sling for wide-bodied loads



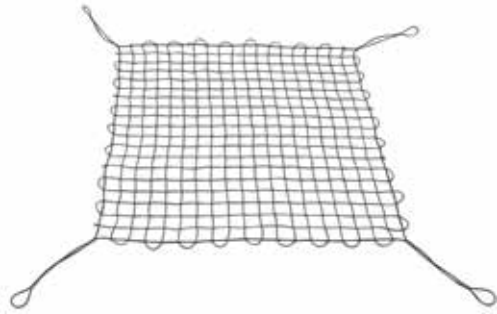
Pipe laying sling



Cargo Net (mesh size as per customer requirement) Load Securing net with ratchet assembly



Webbing Sling
with flat D & DP Fitting



Wire Rope Net
(mesh size as per customer requirement)

PIPE LOWERING BELT

FEATURES

- Heavy duty polyester webbing for durability and strength
- Steel end irons for greater strength with less weight
- Plastic tag with clear protective cover to protect data
- End irons painted
- Belts used around the world, in all types of climates, in sizes up to 60" diameter pipe
- Lowering-in belt and head iron sold separately
- Capacity from 20 ton to 60 ton
- Made in the United Arab Emirates



- Made of Ultra High Molecular Weight Polyethylene (UHMWP) yarn covered by durable nylon cover to make high performance round sling
- Low elongation and stronger than wire rope with less than 10% weight of wire rope
- Low elongation makes lifting job much easier and safer and also enables very lash back
- Very stable when used with hook and can avoid rotating problem of wire rope slings



Comparison of SuperMax® Round Sling and Wire Rope Sling

	SuperMax® Round Sling	Steel Wire Rope Sling
Weight	1/10 of wire rope of same breaking strength. Light weight enables easy installing and handling of sling, and higher productivity of lifting job.	Because of heavy weight, it's very difficult to move and install the slings. Heavy wire rope sling can cause back pain of the users.
Stability	Do not damage the material to be lifted. Positioning is fast and easy. Can tighten up the material to avoid slip while lifting the products.	Can hurt the material to be lifted. Positioning is slow and difficult.
Durability	Durable against chemical contacts. Because of the flexibility, its bending ratio can be far smaller.	Easy to get rusted against acid or alkali. Because of stiffness, broken wire can occur unless extra care is taken.
Storability	Only small storage space is required because of its flexibility.	Large and dry storage space is required.
Economical Value	High initial investment cost. However, higher productivity, longer service life, easier handling and storage result in low total operating costs.	Low initial cost. However, more manpower and heavier equipments to move, install, and lift are required. Total operating cost is high.

SuperMax® Jacket Sling

SuperMax® Round Sling is covered with the jacket to protect the inside of ropes and prevent damaging.



SuperGuard

SuperGuard as method of perfect protection could be applied to SuperMax Rope as well as SuperMax Roundsling. SuperGuard will prevent SuperMax Rope as well as SuperMax Roundsling from abrasion and the life time of ropes and sling will be longer with perfection.

- SuperGuard-SW2
- SuperGuard-AW2
- SuperGuard-SAW
- SuperGuard-SNW
- SuperGuard-NW2



Safety Self-Check Sling

Safety Self-Check sling with Ultra High Molecular Weight Polyethylene(UHMWPE) could check the life time of SuperMax Round Sling.

- Melting Point: 150°C
- Temperature Range for USE: -40°C to 70°C
- Elongation at Break: 4 ~ 5%
- Specific Gravity: 0.97 (Float)
- Water Proportion: None (Wet strength equals Dry strength)
- Strongest fiber rope, maximum strength to weight ratio and strength comparable to steel wire rope

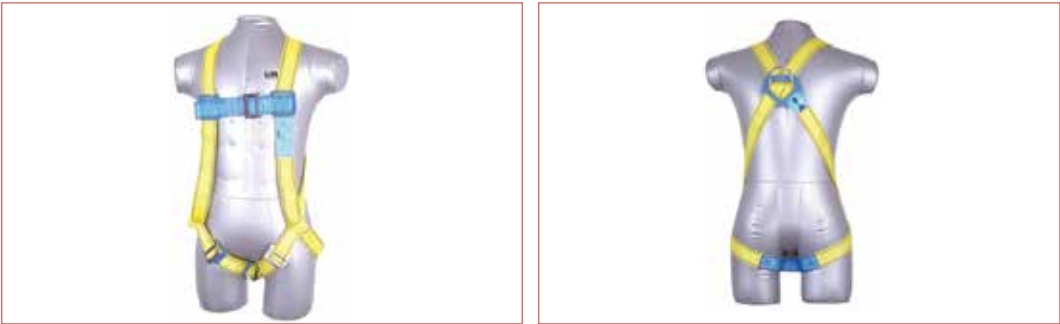


FULL BODY SAFETY HARNESS & ACCESSORIES

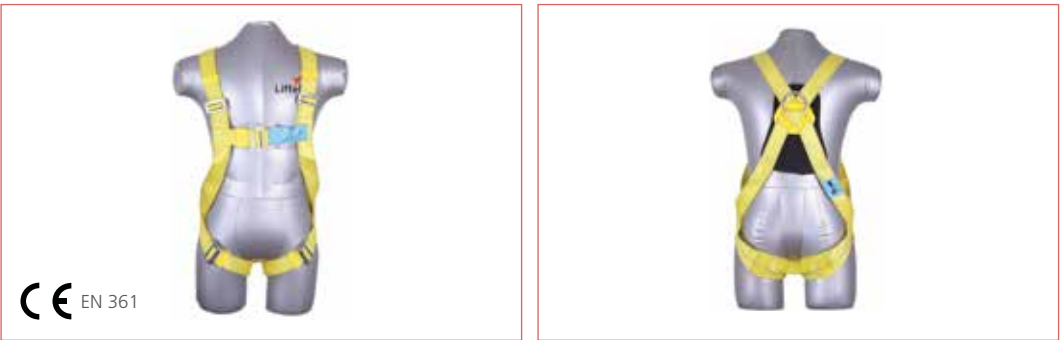
FEATURES

- Manufactured in house to ISO 9001 certified manufacturing processes
- Annual capacity of 200,000 sets of harness and lanyards
- Manufacturing standard: EN 361, EN 358, EN 362, EN 355
- CE certified harness and lanyards
- Manufactured on computerized pattern sewing machines
- Tested on a fully computerized drop test setup

SAFETY HARNESS		
Type	Model	Features
Light Weight Full Body Harness	LX495	3 modes of adjustment 1 fall arrest Dorsal D-Ring Webbing with dual color scheme Light Weight: 950 gms Static strength > 15 kN



SAFETY HARNESS		
Type	Model	Features
Full Body Harness with reflector webbing	LX520	6 modes of adjustment 1 fall arrest Dorsal D-Ring Reflector Webbing Dorsal Pad for extra protection Static strength > 15 kN





SAFETY HARNESS		
Type	Model	Features
Full Body Safety Harness	LX550	7 modes of adjustment 1 fall arrest Dorsal D-Ring 2 work positioning D-Rings Work positioning belt with tool holder rings Static strength > 15 kN



SAFETY HARNESS		
Type	Model	Features
Full Body Harness	LX500	6 modes of adjustment 1 fall arrest Dorsal D-Ring Webbing with dual color scheme Static strength > 15 kN



CONNECTORS



CE EN 362

LX01 Snap Hook
Stamping Steel. MBL: 22kn



CE EN 362

LX02 Rebar Snap Hook
Forged Steel. MBL: 22kn



CE EN 362

LX03 Carabiner/
Screw Gate Alloy Steel. MBL:
22kn



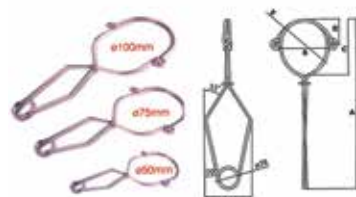
CE EN 362

LX04 Snap Hook
Forged Steel. MBL: 22kn



CE EN 362

LX05 Snap Hook
Aluminium Alloy
MBL: 27kn



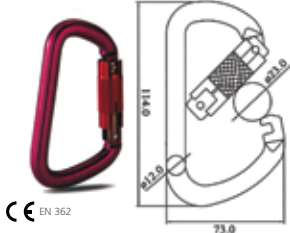
CE EN 362

LX06 Pipeform Anchor
Stainless Steel Wire
Size: 2" / 3" / 4" MBL: 27kn



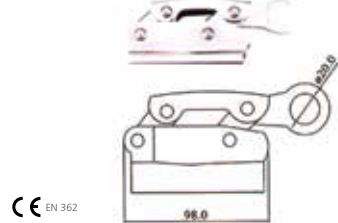
CE EN 362

LX07 Carabiner /
Twist Lock Alloy Steel
MBL: 35kn



CE EN 362

LX08 Carabiner /
Triple Lock Aluminium Alloy
MBL: 25kn



CE EN 362

LX09 Rope Grab / 20MM EYE
Stamping Steel
16MM Nylon Rope

SHOCK ABSORBER



CE EN 355

LX200

Not sold separately but as a component of Lanyards



WORK POSITIONING BELTS

CE EN 358



LX355

Extra wide cushioned back pad for lumbar support. 2 Lateral D-rings for work positioning. Metal rings for tools, bolt bags etc

LANYARDS



LX84

CE EN 355



LX128

CE EN 355



LX88

CE EN 355



LX85

CE EN 355



LX129

CE EN 355



LX82

CE EN 355



LX121

CE EN 355



LX35

CE EN 354



LANYARDS				
Model	Type	Length (Standard)	Shock Absorber	End Fitting
LX24	14 mm Nylon rope	1.6 m	N/A	Screw Gate Carabiner/ Rebar Snap Hook
LX35	30 mm Webbing	1.6 m	N/A	Rebar Snap Hook/ Snap Hook
LX84	30 mm Webbing	1.6 m	Available	Screw Gate Carabiner/ Rebar Snap Hook
LX72	14 mm Nylon rope	1.6 m	Available	Screw Gate Carabiner - 2 no
LX121	30 mm Webbing (Double)	1.6 m	Available	Screw Gate Carabiner - 1 no/ Rebar Snap Hook - 2 no
LX85	30 mm Webbing	1.6 m	Available	Rebar Snap Hook/ Snap Hook
LX74	14 mm Nylon rope	1.6 m	Available	Screw Gate Carabiner/ Rebar Snap Hook
LX88	30 mm Webbing	1.6 m	Available	Twist Lock Carabiner/ Rebar Snap Hook
LX82	30 mm Webbing	1.6 m	Available	Screw Gate Carabiner - 2 no
LX128	30 mm Webbing (Double)	1.6 m	Available	Rebar Snap Hook - 2 no/ Snap Hook - 1 no
LX129	30 mm Webbing (Double)	1.6 m	Available	Rebar Snap Hook - 2 no/ Twist Lock Carabiner - 1 no
LX 90	14 mm Nylon rope	2 m to 250 m	N/A	Screw Gate Carabiner/ Rebar Snap Hook with Rope Grab



RATCHET CARGO LASHING ASSEMBLY

FEATURES

- Large inventory of cargo lashing of various capacities and lengths
- Made with 100% polyester webbing
- MBL of ratchet lashings: 1 ton, 5 ton, 10 ton and 12 ton



RATCHET LASHINGS			
Webbing Width	Minimum Breaking Strength	End-Fitting Type	Type
1" (25mm)	1,000 Kgs	Double J Hook	Ratchet
2" (50mm)	5,000 Kgs	Double J Hook	Ratchet
3" (75mm)	10,000 Kgs	Double J Hook	Ratchet
4" (100mm)	12,000 Kgs	Flat Hook/ Double J Hook	Ratchet/ Winch



GREEN PIN SHACKLES

- Authorized Distributor for UAE
- Large stock available in Sharjah for immediate delivery
- Manufactured by Van Beest, Holland
- Wide range of Fittings – Shackles, Sockets, Turnbuckles, Wire Rope Clips, Load Binders etc
- VanBeest has been in this industry for more than 90 years
- Industries served – oil & gas, mining, shipping, subsea and fishing





EXCEL - GRADE 8 & GRADE 10 CHAIN & FITTINGS

- Authorized distributor for UAE
- Large stock available for immediate delivery
- Manufactured in France. Owned by Van Beest, Holland
- Wide Range of Chain and its Accessories
- Chain and Fittings are available in Grade 8 & Grade 10
- Van Beest has been in this industry for more than 90 years
- Industries served – oil & gas, mining, shipping, subsea and fishing

EXCEL®





POWERJACK - LOAD MONITORING SOLUTIONS



- Authorized distributor for UAE
- Comprehensive range of load cell products and custom load cell design available
- Buy it or Rent it

1. LOAD LINKS

For all lifting applications, including Marine & offshore

- Load links in capacities upto 500Tn tensile loads
- Lightweight high tensile aluminium design using aerospace grade material
- Accuracy of +/- 0.2%
- Fully traceable calibration certificate to Namas
- Safety Factor of 5:1 minimum
- All units proof load tested to 150%
- Wireless and cabled models available
- Rated to IP66



2. LOAD SHACKLES

With capacity ratings upto 2000 Tonne

3. RUNNING LINE TENSIOMETER

For wire rope load (line) and line (pay out) in arduous marine and offshore environments with restrictive space

4. LOAD PINS

An alternative to weighing on existing sheaves, and clevis based applications

5. COMPRESSIVE LOAD CELLS

Design of bespoke load cell solutions for capacities up to 2000 Tonne

6. HANDHELD LOAD CELL TELEMETRY DISPLAY

Which are matched to use with our load monitoring products

7. DATA LOGGING

All Wireless Units can be transmitted to Local PC for immediate displaying on screen



MODULIFT - MODULAR SPREADER BEAMS

- Modulift is the market leader in Modular Spreader Beams
- Liftek is the authorized distributor
- Wide selection of local stock available at Liftek
- Size Range from 2T to 5000T and span available from 0.4MTR to 100MTR
- Versatile, portable, light weight and cost-effective
- One Beam Many Lifts - Highly flexible configuration and interchangeable components enable a Modulift Spreader to be reused over many lifts
- Both Standard Range and Heavy Range available at Liftek for immediate dispatch
- Fixings: Grade 8.8 zinc plated (unless otherwise specified)
- Finish: Shotblast, primed and painted standard two pack epoxy, RAL 1003 Yellow (unless otherwise specified)
- All components are CE marked, and have engraved stainless steel identity plate
- Custom Lifting Solutions available upon request
- Made to ASME, DNV and EN Standards
- Supplied with Certificate of Conformity, Proof Load Test Certificate and DNV Type Approval upon request





LIMPET-MULTI-FUNCTIONAL HEIGHT SAFETY SYSTEM

- Sole agent in GCC
- Simple design with intelligent system
- Used as a fixed or semi-portable solution in the harshest operating conditions
- Industries served – staged entertainment, wind energy, telecom masts, structural inspection & facade maintenance

LIMPET[®]
TECHNOLOGY



5 FUNCTIONS OF THE LIMPET

**PROACTIVE
FALL
PREVENTION**

**INTELLIGENT
CLIMB
ASSIST**

**RAPID
REMOTE
RESCUE**

**CLIP
& GO
EVACUATION**

**PRECISE
WORK
POSITIONING**

Contact us for a Live Demo



NYROSTEN - WIRE ROPE LUBRICANTS

• Authorized distributor for UAE • Developed as a universal steel wire rope anti-corrosion protection agent • Proven track records over decades of use in the entire spectrum of industry, especially marine and offshore system

NYROSTEN
WIRE PROTECTION

MAIN FEATURES

• Usage temperature range -40°C to + 80°C • Optimal adhesion • Very good gliding characteristics, especially when running over rollers • Excellent anti-corrosion protection • Good characteristics for use in salt water • Multiple variants available in 9 Kgs, 25 Kgs and 180 Kgs





INSPECTION & CERTIFICATION SERVICES

OUR SERVICES

INSPECTION AND CERTIFICATION

Our competent Engineers conduct Periodic & Thorough Inspections of various industrial equipment including (but not limited to)

1. Inspection of Powered Lifting Equipment:

These cover a wide range of equipment used for lifting load either vertically or horizontally or both and mean any stationary or mobile equipment including attachments for anchoring, fixing or supporting that Equipment, which is operated by means of motive power e.g. electric, hydraulic or pneumatic or other powered means.

Examples: • Mobile crane / crawler crane • Overhead crane • Tower crane • Lorry loaders • Pick & Carry Cranes • Offshore cranes • Deck cranes • Slewing Jib cranes • Forklift trucks • Manlifts (MEWP) • Suspended Access Equipments (Cradle) • Construction Hoists (Passenger / Goods Hoists) • Vehicle Lifts • Monorail beam with hoist • Traction Hoists • Electric hoists • Dock levelers • Concrete placing boom • Concrete pumps • Winches • Air compressors • Pallet stackers • Material lifters



2. Inspection of Manual Lifting Equipment:

These cover a wide range of equipment used for lifting and mean any stationary or mobile Equipment including attachments for anchoring, fixing or supporting that Equipment which is operated solely by means of the operator without any powered assistance.

Examples: • Chain blocks • Lever hoists • Snatch blocks • Gin wheels • Jacks





3. Inspection of Lifting Accessories or Loose Gear

All type of slings, shackles, eye bolts, clamps, rings, links, plates, hooks, loops, turnbuckles, vacuum lifters, magnetic lifter, pad eyes, Lifting beams / Spreader Beams



4. Inspection of Pressure Vessels & Boilers:

Boilers and pressure vessels are used for various applications in all types of locations: schools, hospitals, office towers, factories, day care centers, restaurants, libraries, government buildings, refineries, chemical plants, and many other facilities.

The Thorough Inspections are conducted according to the relevant BS EN standard and the Inspection Certificate or Report is issued.



5. Earth Moving / Construction Machineries: • Telehandler • Wheel loaders • Backhoe loader/ shovels • Excavators • Skid steer loaders (Bobcats) • Compact rollers • Vibrators • Graders • Dozer • Dumber • Grab • Piling Rigs

6. Containers / Structures / Baskets: • Offshore containers, Offshore baskets, cargo carrying units • Material baskets, Material Skips, • Skids, Custom-made Structures, Lifting Frames • Manbaskets • Concrete bucket • Cylinder baskets • Cylinder racks

7. PPE Items: • Safety harness • Connectors • Anchors • Lanyards

8. Marine Field: • Bollard Pull Test • Offshore Crane / Deck Crane • Lifeboat Davits / Rescue boat davits • Engine room / Pump room cranes • Winches • Loose Gears • Ropes and slings

9. Pressure Vessel: • Air receivers • Storage Tanks • Diesel Storage Tank (Dubai Civil Defense Approved) • Sandblasting Pots

10. Pressure Vessel: • MT, PT, VT and UTG

11. Welding: • Welders Performance Qualification Test (WPQ) • Consultation for preparation of welding procedures (WPS, PQR) • Welding visual inspection



TRAINING PROGRAMS OFFERED

To make every lifting operation safe, Liftek Group also offers a wide range of training programs through our Testing & Inspection Group, Liftek Technical Safety and Security Consultancies (LTSSC).

Below are the lists of programs that we offer at LTSSC:

<ul style="list-style-type: none">• Safe operation of mobile & crawler crane• Safe operation of tower crane• Safe operation of overhead crane• Safe operation of lorry loader crane• Safe operation of forklift• Safe operation of mobile elevating work platform (MEWP)• Safe operation of welding• Safe operation of back hoe loader	<ul style="list-style-type: none">• Safe operation of excavator• Safe operation of skid steer loader• Safe operation of telehandler• Safe operation of wheel loader• Safe operation of suspended access platform (CRADLE)• Safe use of power tools• Safe use of PPE• General site safety	<ul style="list-style-type: none">• Dangerous goods handling• Abrasive blasting• Confined space• Control of substances hazardous of health (CoSHH)• Defensive driving• Heat stress• Flagman & banksman• Basic Rigging & Slinging• Safe Practice of Industrial Radiography• Working at height• Basic firefighting
---	---	--





TEST WEIGHTS RENTAL

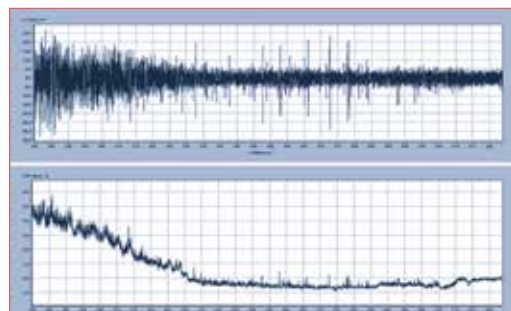
We offer the hire of calibrated test weights to clients throughout the UAE at competitive rates for on-site load testing of cranes, plant and lifting equipment.

- Total stock of over 200 tons test weights
- Individual calibrated test weights start at 20 kg up to 20 tonne weights
- Delivery throughout the UAE
- Competitive rental rates.



ELECTROMAGNETIC (EMAG) INSPECTION OF STEEL WIRE ROPE

- State-of-the art equipment
- Highly trained and experienced technicians
- Inspection of Wire ropes ranging from 20mm to 104mm
- Ability to detect deterioration in the body of the rope rather than just on the surface
- Based on the principle of Magnetic Flux Leakage
- Measures the loss of metallic area (LMA) and reveals localized flaws (LF)
- Ropes do not have to be cleaned for inspection
- Simpler, faster and more accurate than conventional visual inspection



RENTAL OF LOAD MONITORING SOLUTIONS

RENTAL OF LOAD LINKS

- Liftek offers a wide range of Load cells readily available for rental
- Available from 5Ton to 250Ton ex stock
- Range of upto 500 Meters
- Suitable to be used with all major Shackle Manufacturers including Van Beest, Crosby and GN
- Safety Factor of 5:1
- Accuracy <0.5% of applied load
- Matched handheld telemetry display
- Every unit is load tested and certified
- Designed and manufactured by Power Jacks in UK
- Suitable for all industry sectors including marine, offshore and sub sea

RENTAL OF COMPRESSIVE LOAD CELL

- Various capacities of compressive load cells readily available for rental
- Team of qualified engineers are on hand to provide advice and solutions to weighing your structures, modules, skids etc
- We represent Power Jacks, UK and all our weighing systems are developed through years of experience providing spot on accuracy
- Full service includes mobilization, demobilization, provision of hydraulic jacks, power packs and load cells, complete with crew
- Data collection and COG calculation is provided to ensure a ensuring safe and accurate execution





LIFTEK – CALIBRATION SERVICES

It is a common case for any load cell to have a drop in its accuracy and also to become unstable even with proper care and maintenance. This could be due to a number of reasons, the most common being the wear and tear on the inner working of the load cell from the general use it is put to. It is highly recommend that all loadcells should be calibrated annually, to make sure that you have access to the correct load measurements.

- Liftek offers Calibration services for all kinds of T24 load cells
- Calibration carried out on 200T and 800T test beds available at Liftek facility
- Process include linking client load cell to the reference load cell using custom software application developed exclusively for calibration by Power Jacks
- All calibration certificates are valid for 1 year and will be issued by Power Jacks, UK
- The accuracy of the device used for the applied value is traceable to National Standards with BS EN ISO 7500-1:2004
- Calibration and testing performed to BS 8422:2003 (Standard and Supplementary A Applied)



CALIBRATION CERTIFICATE									
Certificate and Calibration Procedure Prepared, Approved and Issued by: POWER JACKS Power Jacks Ltd Balmacassie Commercial Park ELLEN, AB41 8BX Scotland (UK)					Procedure Facilitated At: Liftek Liftek LLC PO BOX 43850 Glen CTR-02 Harrisburg-Penn State-2 Shurgals, USA				
Equipment Details Description: Load Link Serial Number: LMS25-018 Capacity / Range: 25t Units of measurement: Tn Force Applied: Tension					Calibration Data Calibration Reference: WPT200 Horizontal Test Bed 5/N 0434, Measurement Device: SOTL Tensile load cell, 5/N LMS50-025, Cert # LMS50-005/A Calibration: The Accuracy of the device used for the Applied value is traceable to National Standards with BS EN ISO 7500-1:2004 via UKAS LAB 0375 Calibration and testing performed to BS 8422:2003, (Standard)				
Calibration Performance: <1% of any given Applied reading									
Applied	Reading #1	Reading #2	Reading #3	Max	Min	Avg. Reading	Max Error	Max Error	
Tn	Tn	Tn	Tn	Tn	Tn	Tn	Tn	Tn	%
0	0.000	0.000	0.000	0	0	0	0	0	0.0
5.0	5.039	5.036	5.042	5.042	5.036	5.039	0.041	0.041	0.8
10.0	10.076	10.085	10.065	10.085	10.065	10.075	0.009	0.009	0.9
15.0	15.106	15.124	15.117	15.124	15.106	15.114	0.012	0.012	0.8
20.0	20.164	20.132	20.178	20.178	20.132	20.165	0.018	0.018	0.9
25.0	25.189	25.206	25.178	25.206	25.178	25.190	0.021	0.021	0.8
Name of Tester: S.Mathew Signed: Date: 25 July 2016 Power Jacks Approval: R.Legge Signed: Date: 25 July 2016									

OTHER SERVICES

FEATURES

- 1 High Pressure Wire Rope Lubrication upto 103mm steel wire rope
- 2 Rental of Wire Rope Spooler with capacity of 25 tons and back tension of 2 tons
- 3 Rental of Water bags of various capacities; 5 ton, 10 ton, 12.5 ton, 20 ton and 35 ton
- 4 Rental of Calibrated load cells of various capacities
- 5 Rental of Solid Test weights of various capacities with total of 200 tons
- 6 Rental of Spreader Beams.





QWIKSPEC - FIELD SERVICE AUTOMATION

Liftek is in the forefront of using technology to provide better service to our customers.

We use a platform called QwikSpec to Schedule, Inspect, Issue Certificate, and Issue Service Report all in very less time compared to a manual process.

The benefits of the system include:

- Each Inspector is able to do more tasks in same time
- Client receives email with Service Report immediately on completion of job
- Each task finished faster and Certificate/Report issued to client on the same day
- Eliminate paper since all records available online
- Improve quality of data with visual evidence and comments
- Certificates automatically generated saving time and eliminating data entry errors
- All certificates including photos available online for future reference
- Automatic mailers reminds of client of expiry of Certificate
- Automatic mailers through the system ensures smooth flow of information and communication

APPROVALS & ACCREDITATIONS

- Accredited by Dubai Accreditation Centre (DAC) & Emirates National Accreditation System (ENAS) as an Approved Inspection Body to ISO 17024
- Offices in Dubai, Abu Dhabi & Sharjah
- Computer generated inspection certificates / reports that can be transmitted electronically to customer immediately after an inspection
- LEEA trained and certified inspectors conduct Periodic and Thorough Inspections of:
 - Powered Lifting Equipment i.e Offshore Cranes, Tower Cranes, Mobile Cranes, EOT Crane etc
 - Manual Lifting Equipment i.e. Chain Hoists, Lever Hoist etc.
 - Loose Lifting Gear i.e. All types of Slings, Shackles, Spreader beams etc.
 - Pressure vessels
 - Elevators & Escalators
 - Electromagnetic Inspection of Wire Rope
 - NDT Inspection





FACILITIES

FACILITY

FEATURES

- One of the most comprehensive rigging facilities in the Middle East
- 150,000 sq.ft workshop and yard in Hamriyah Free Zone, Sharjah
- Four Wire Rope Swaging Machines to swage upto 103mm steel wire rope
- Computerized 800 Ton & 200 Ton tensile test bench
- ISO 9001 certified production process with stringent quality control procedure
- 25 industrial grade heavy duty sewing machines









NOTES

Liftek FZC

PO Box 41850, Hamriyah Free Zone, Sharjah, UAE
Tel: +971 6 525 0088. Fax +971 6 525 0089
Email: info@liftek-intl.com

Liftek Technical Safety & Security Consultancies

PO Box 282259, Dubai, UAE
Tel: +971 4 338 4995. Fax +971 4 338 4937
Email: LTS@liftek-intl.com

Liftek Technical Safety & Security Consultancies (BR)

LB-20-004 (Ground Floor), Near Gate 4,
JAFZA North, Dubai, UAE.
Tel: 971 4 886 5611

Liftek Technical Services LLC

PO Box 8751, Abu Dhabi, MBZ City, UAE
Tel: +971 2 552 2072. Fax +971 2 552 2130
Email: LTS@liftek-intl.com

