KAYA ADVENTURE

Safe products, systems, and courses that are designed manufactured by Kaya Adventure were born to meet the needs of the kids who would like to have fun and spend their time by doing physical activities and of the adults who wish to maintain their everyday activities.

In line with these requirements, Kaya Adventure designs and manufactures each product, system, and courses for the kids who are the architects of our tomorrow by considering their safety, game world, entertainment concept and the healthy development. Kaya Adventure branded playground and adventure park systems have been tested and certified according to EN 1176-1 and EN 1176-11 standards.

In addition to offering reliable and certified products and systems, starting from the designing process in each system and course Kaya Adventure considers the comfort of adults as well as kids who bring color to our lives and are entertainment oriented and aims to bring even a little bit of joy to their lives.
**Rotating Systems**

**SS.04**

**Twisted Swing**

**Number of Users**: max 6

**Product Height**: 2.8 m, 1.5 m

**Fall Height**: 4.9 x 4.9 m, 1.9 x 1.9 m

**EN 1176**

**User Age**

**Secured Field**: 6.5 cm

**Sitting Field**: 180 cm

**Top View**

**Side View**

**Colour Options**

Red | Yellow | Blue | Green | Black
<table>
<thead>
<tr>
<th>Top View</th>
<th>Side View</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Top View" /></td>
<td><img src="image2.png" alt="Side View" /></td>
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**AT H55**

**Angled Climbing**

<table>
<thead>
<tr>
<th>NUMBER OF USERS</th>
<th>USER AGE</th>
<th>PRODUCT HEIGHT</th>
<th>SECURED FIELD</th>
<th>SITTING FIELD</th>
<th>EN 1176</th>
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</thead>
<tbody>
<tr>
<td>116</td>
<td>+6</td>
<td>5.5 m</td>
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**TC H48**

**Climbing Tent**

<table>
<thead>
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<th>NUMBER OF USERS</th>
<th>USER AGE</th>
<th>PRODUCT HEIGHT</th>
<th>SECURED FIELD</th>
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<tr>
<td>128</td>
<td>+6</td>
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**Colour Options**

- Red
- Yellow
- Blue
- Green
- Black

---

**Top View**

- 570 cm
- 550 cm
- 100 cm
- 250 cm
- 900 cm
- 600 cm
- 760 cm
- 480 cm
- 460 cm
- 460 cm
- 150 cm
- 300 cm

**Side View**

- 500 cm
- 350 cm

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**AT H55 Angled Climbing**

- 9x9 m
- 6x6 m
- 1 m

**TC H48 Climbing Tent**

- 76x76 m
- 46x46 m
- 1.5 m

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**26 KAMA ADVENTURE**

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**27 KAMA ADVENTURE**
### LUPA® 6T SC + FC

**Technical Specifications**

- **Material**: 100% High Tenacity Polyamide Fibers + Galvanized Steel Wire Rope
- **Construction**: 6 Strand + FC
- **UV Resistance**: Very Good
- **Chemical Resistance**: Good
- **Melting Point**: 218 °C
- **Critical Temperature**: 130 °C
- **Length**: 200 – 500 m Call.

**Content**

- Galvanized Steel Wire Rope
- Tensile Strength: 2570 N/mm²
- 7 Twisted Rope

<table>
<thead>
<tr>
<th>Article Number</th>
<th>Dia.</th>
<th>Weight (kg/100 m ± 1%)</th>
<th>Breaking Load (kgf)*</th>
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*UNPLIRED BREAKING LOAD

**Colour Options**

#### LUPA® 6T SC + IWRC

**Technical Specifications**

- **Material**: 100% High Tenacity Polyamide Fibers + Galvanized Steel Wire Rope
- **Construction**: 6 Strand + IWRC
- **UV Resistance**: Very Good
- **Chemical Resistance**: Good
- **Melting Point**: 218 °C
- **Critical Temperature**: 130 °C
- **Length**: 200 – 500 m Call.

**Content**

- Galvanized Steel Wire Rope
- Tensile Strength: 2570 N/mm²
- 7 Twisted Rope

<table>
<thead>
<tr>
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*UNPLIRED BREAKING LOAD

**Colour Options**
### LUPP® 6T SC + FC

**Technical Specifications**

- **Material:** 100% High Tenacity Polyester Fiber + Galvanized Steel Wire Rope
- **Construction:** 6 Strand + FC
- **UV Resistance:** Sufficient
- **Chemical Resistance:** Very Good
- **Melting Point:** 185°C
- **Critical Temperature:** 90°C
- **Length:** 200 – 500 m CaI

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<thead>
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*UNPLIRED BREAKING LOAD

**Content**

- Galvanized Steel Wire Rope
- Tensile Strength: 1270 N/mm²
- Z Twisted Rope

### LUPES® 6T SC + FC

**Technical Specifications**

- **Material:** 100% High Tenacity Polyester Fiber + Galvanized Steel Wire Rope
- **Construction:** 6 Strand + FC
- **UV Resistance:** Excellent
- **Chemical Resistance:** Good
- **Melting Point:** 255°C
- **Critical Temperature:** 170°C
- **Length:** 200 – 500 m CaI

<table>
<thead>
<tr>
<th>Article Number</th>
<th>Dia</th>
<th>Weight (kg/100 m ± %S)</th>
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*UNPLIRED BREAKING LOAD

**Content**

- Galvanized Steel Wire Rope
- Tensile Strength: 1270 N/mm²
- Z Twisted Rope

### LUPP® 6T SC + IWRC

**Technical Specifications**

- **Material:** 100% High Tenacity Polyester Fiber + Galvanized Steel Wire Rope
- **Construction:** 6 Strand + IWRC
- **UV Resistance:** Sufficient
- **Chemical Resistance:** Very Good
- **Melting Point:** 185°C
- **Critical Temperature:** 90°C
- **Length:** 200 – 500 m Rada

<table>
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<tr>
<th>Article Number</th>
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</tbody>
</table>

*UNPLIRED BREAKING LOAD

**Content**

- Galvanized Wire Rope
- Tensile Strength: 1270 N/mm²
- Z Twisted Rope

### LUPES® 6T SC + IWRC

**Technical Specifications**

- **Material:** 100% High Tenacity Polyester Fiber + Galvanized Steel Wire Rope
- **Construction:** 6 Strand + IWRC
- **UV Resistance:** Excellent
- **Chemical Resistance:** Good
- **Melting Point:** 255°C
- **Critical Temperature:** 170°C
- **Length:** 200 – 500 m Rada

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<thead>
<tr>
<th>Article Number</th>
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<td>15.600</td>
</tr>
</tbody>
</table>

*UNPLIRED BREAKING LOAD

**Content**

- Galvanized Steel Wire Rope
- Tensile Strength: 1270 N/mm²
- Z Twisted Rope

### Colour Options

- [Red](#), [Green](#), [Blue](#), [Yellow](#)
### LUPA® 6T DB SC + FC

#### Technical Specifications

| Material: | 100% High Tenacity Polyamide Fiber + Galvanized Steel Wire Rope |
| Construction: | 6 Strands Double Braided + FC |
| UV Resistance: | Very Good |
| Chemical Resistance: | Good |
| Melting Point: | 218 °C |
| Critical Temperature: | 110 °C |
| Length: | 200 - 500 m Cable |

#### Colour Options

<table>
<thead>
<tr>
<th>Article Number</th>
<th>Dia</th>
<th>Weight (kg/100 m ± %5)</th>
<th>Breaking Load (kgf)*</th>
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<td>9,000</td>
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</table>

**UNSPUNDED BREAKING LOAD**

### LUPP® 6T DB SC + FC

#### Technical Specifications

| Material: | 100% High Tenacity Polyamide Fiber + Galvanized Steel Wire Rope |
| Construction: | 6 Strands Double Braided + FC |
| UV Resistance: | Sufficient |
| Chemical Resistance: | Very Good |
| Melting Point: | 185 °C |
| Critical Temperature: | 80 °C |
| Length: | 200 - 500 m Cable |

#### Colour Options

<table>
<thead>
<tr>
<th>Article Number</th>
<th>Dia</th>
<th>Weight (kg/100 m ± %5)</th>
<th>Breaking Load (kgf)*</th>
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<td>PGR-05.01.24</td>
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</table>

**UNSPUNDED BREAKING LOAD**

### LUPA® 6T DB SC + IWRC

#### Technical Specifications

| Material: | 100% High Tenacity Polyamide Fiber + Galvanized Steel Wire Rope |
| Construction: | 6 Strands Double Braided + IWRC |
| UV Resistance: | Very Good |
| Chemical Resistance: | Good |
| Melting Point: | 218 °C |
| Critical Temperature: | 110 °C |
| Length: | 200 - 500 m Cable |

#### Colour Options

<table>
<thead>
<tr>
<th>Article Number</th>
<th>Dia</th>
<th>Weight (kg/100 m ± %5)</th>
<th>Breaking Load (kgf)*</th>
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**UNSPUNDED BREAKING LOAD**

### LUPP® 6T DB SC + IWRC

#### Technical Specifications

| Material: | 100% High Tenacity Polyamide Fiber + Galvanized Steel Wire Rope |
| Construction: | 6 Strands Double Braided + IWRC |
| UV Resistance: | Sufficient |
| Chemical Resistance: | Very Good |
| Melting Point: | 185 °C |
| Critical Temperature: | 80 °C |
| Length: | 200 - 500 m Cable |

#### Colour Options

<table>
<thead>
<tr>
<th>Article Number</th>
<th>Dia</th>
<th>Weight (kg/100 m ± %5)</th>
<th>Breaking Load (kgf)*</th>
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**UNSPUNDED BREAKING LOAD**
**LUPES® 6T DB SC + FC**

**Technical Specifications**
- Material: 100% High Tenacity Polyester
- Fiber + Galvanized Steel Wire Rope
- Construction: 6 Strand Double Braided + FC
- UV Resistance: Excellent
- Chemical Resistance: Good
- Melting Point: 256 °C
- Critical Temperature: 370 °C
- Length: 200 - 500 m Cable

<table>
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<th>Weight (kg/100 m ± %S)</th>
<th>Breaking Load (kgf)*</th>
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**Content**
- Galvanized Steel Wire Rope
- Tensile Strength: 1270 N/mm²
- Z Twisted Rope

**UNSPICED BREAKING LOAD**

**Colour Options**

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**LUPES® 4T SC + FC**

**Technical Specifications**
- Material: 100% High Tenacity Polypropylene
- Fiber + Galvanized Steel Wire Rope
- Construction: 4 Strand + FC
- UV Resistance: Sufficient
- Chemical Resistance: Very Good
- Melting Point: 185 °C
- Critical Temperature: 80 °C
- Length: 200 - 500 m Cable

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**Content**
- Galvanized Steel Wire Rope
- Tensile Strength: 1270 N/mm²
- Z Twisted Rope

**UNSPICED BREAKING LOAD**

**Colour Options**

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**LUPES® 6T DB SC + IWRC**

**Technical Specifications**
- Material: 100% High Tenacity Polyester
- Fiber + Galvanized Steel Wire Rope
- Construction: 6 Strand Double Braided + IWRC
- UV Resistance: Excellent
- Chemical Resistance: Good
- Melting Point: 256 °C
- Critical Temperature: 370 °C
- Length: 200 - 500 m Cable

<table>
<thead>
<tr>
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<th>Dia (mm)</th>
<th>Weight (kg/100 m ± %S)</th>
<th>Breaking Load (kgf)*</th>
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</table>

**Content**
- Galvanized Wire Rope
- Tensile Strength: 1370 N/mm²
- Z Twisted Rope

**UNSPICED BREAKING LOAD**

**Colour Options**

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**LUPES® SEAT**

**Technical Specifications**
- Material: 100% High Tenacity Polypropylene
- Fiber + Galvanized Steel Wire Rope
- Construction: Double Braided + IWRC
- UV Resistance: Sufficient
- Chemical Resistance: Very Good
- Melting Point: 185 °C
- Critical Temperature: 80 °C
- Length: 1-5 m

<table>
<thead>
<tr>
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<td>150</td>
<td>8.75</td>
<td>960 000</td>
</tr>
<tr>
<td>PGR-12.01.160</td>
<td>160</td>
<td>10</td>
<td>200 000</td>
</tr>
<tr>
<td>PGR-12.01.180</td>
<td>180</td>
<td>12.5</td>
<td>240 000</td>
</tr>
</tbody>
</table>

**Content**
- Polypropylene
- Galvanized Steel Wire Rope

**UNSPICED BREAKING LOAD**

**Colour Options**

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CONNECTORS AND PERSONAL PROTECTIVE EQUIPMENT

ADV.AL.H
ALUMINUM H CONNECTOR
Technical Specifications
Weight: 52.72 gr

ADV.AL.T
ALUMINUM T CONNECTOR
Technical Specifications
Weight: 58.15 gr

ADV.AL.X
ALUMINUM X CONNECTOR
Technical Specifications
Weight: 42.45 gr

ADV.AL.MIS
ALUMINUM MIS CONNECTOR
Technical Specifications
Weight: 76.79 gr

ADV.AL.IS
ALUMINUM IS CONNECTOR
Technical Specifications
Weight: 77.06 gr

ADV.AL.IB
ALUMINUM MERGING CONNECTOR
Technical Specifications
Weight: 66.05 gr

KAMA ADVENTURE
**Weight**: 1.750 gr

**EB-1**

**Weight**: 41 gr

**EB-2**

**Weight**: 52 gr

**Technical Specifications**

**TANDEM PULLEY**

- Aluminum sheaves mounted on self-lubricating bushings for efficiency.
- Tandem pulleys sheaves mounted on sealed ball bearings for excellent efficiency.
- Strength: \( 12 \times 2 = 24 \text{ kN} \)
- Body Material: Aluminum
- Pulley Material: Stainless Steel
- Rope Dia.: Max. Ø 13 mm

**Technical Specifications**

- Stainless steel sheaves for excellent durability.
- Can be used speed up to 25 m/s.
- Tandem pulleys sheaves mounted on sealed ball bearings for excellent efficiency.
- Strength: \( 15 \times 2 = 30 \text{ kN} \)
- Body Material: Stainless Steel
- Pulley Material: Stainless Steel
- Rope Dia.: Max. Ø 13 mm

**DUO-35**

**STEEL TANDEM PULLEY**

- Weight: 457 gr

**DUO-50**

**STEEL TANDEM PULLEY**

- Weight: 1.750 gr

**P-8 B**

**STEEL TANDEM PULLEY**

- Weight: 457 gr

**STEEL TANDEM PULLEY**

- Weight: 1.750 gr

**P-1**

**MOBILE SMALL PULLEY**

- Weight: 120 gr

**P-4**

**BIG SINGLE ALUMINUM PULLEY**

- Weight: 267 gr

**P-5**

**BIG DOUBLE ALUMINUM PULLEY**

- Weight: 460 gr

**STEEL TANDEM PULLEY**

- Weight: 1.750 gr

- Stainless steel sheaves for excellent durability.
- Can be used speed up to 25 m/s.
- Tandem pulleys sheaves mounted on sealed ball bearings for excellent efficiency.
- Strength: \( 25 \times 2 = 50 \text{ kN} \)
- Body Material: Stainless Steel
- Pulley Material: Stainless Steel
- Rope Dia.: Max. Ø 13 mm

**Technical Specifications**

- Extremely lightweight and ultra-efficient pulley
- Has a rotating side plates
- Special side plates designed for use with a Prusik friction hitch in progress capture systems
- Strength: \( 12 \times 2 = 24 \text{ kN} \)
- Material: Aluminum
- Rope Dia.: Max. Ø 13 mm

**Technical Specifications**

- Lightweight, high performance pulley adapted for intensive use
- Has a rotating side plates
- Special side plates designed for use with a Prusik friction hitch in progress capture systems
- Strength: \( 15 \times 2 = 30 \text{ kN} \)
- Material: Aluminum
- Rope Dia.: Max. Ø 16 mm

**Technical Specifications**

- Has a rotating side plates
- High performance pulley adapted for intensive use
- Special side plates designed for use with a Prusik friction hitch in progress capture systems
- Strength: \( 15 \times 2 = 30 \text{ kN} \)
- Material: Aluminum
- Rope Dia.: Max. Ø 16 mm
### ZipLine Tandem Pulley 50mm (2"") Wheel Diameter

**Technical Specifications**

| Weight | 875 gr |

- The Zip Line Tandem Pulleys are fitted with rubber sealed, deep groove bearings for optimal performance and a lifespan of several thousand miles/km.
- The side plates are made from Aerospace Grade 7075 Aluminum, to minimize flex.
- There are extra attachment holes for a secondary lanyard and a small central hole which can be used to fit an accessory.

**Strength**

- 12 x 2 = 24 kN

**Pulley Dia.**

- 50 mm

**Pulley Material:** Stainless Steel (316)

**Rope Size:**

- Max. Ø 13, 16, 20 mm

### ZipLine Tandem Pulley 75mm (3"") Wheel Diameter

**Technical Specifications**

| Weight | 1700 gr |

- The Zip Line Tandem Pulleys are fitted with rubber sealed, deep groove bearings for optimal performance and a lifespan of several thousand miles/km.
- The side plates are made from Aerospace Grade 7075 Aluminum, to minimize flex.
- There are extra attachment holes for a secondary lanyard and a small central hole which can be used to fit an accessory.

**Strength**

- 40 kN

**Pulley Dia.**

- 75 mm

**Pulley Material:** Stainless Steel (316)

**Rope Size:**

- Max. Ø 13, 16, 20 mm

### Fall Arrest and Work Positioning Suspension Harness

**Technical Specifications**

- Full Body Harness should be used as a component in Personal Fall Arrest, Rope Access, Restraint, Work Positioning, Climbing, Control Descent and Rescue.
- Back and Chest D-Rings for fast, easy and safe connection to the other elements of a Personal Fall Arrest System.
- 2 pieces of waist D-Rings for Work Positioning.
- 1 piece of D-Rings in Abdominal Area for Working in Suspension.
- Suspension Trauma Straps.
- No discomfort by virtue of Breathing, Ambidextral, Ergonomic Back, Waist, Leg and Shoulder Pads.
- Special design Aluminum D-Rings.
- Stainless steel A8-45 Auto Buckles.
- UV Resistant High Strength Beaded Type Yarns and Contrasting Color Sewing for Quick Eye Control.
- 2 pieces of PVC Coated Gear Loops.

**Size:**

- XS, S/M, L/XL, XXL

### Fall Arrest and Work Positioning Suspension Harness

**Technical Specifications**

- Full Body Harness should be used as a component in Personal Fall Arrest, Rope Access, Restraint, Work Positioning, Climbing, Control Descent and Rescue.
- Back and Chest D-Rings for fast, easy and safe connection to the other elements of a Personal Fall Arrest System.
- 2 pieces of waist D-Rings for Work Positioning.
- 1 piece of D-Rings in Abdominal Area for Working in Suspension.
- Suspension Trauma Straps.
- No discomfort by virtue of Breathing, Ambidextral, Ergonomic Back, Waist, Leg and Shoulder Pads.
- Special design Aluminum D-Rings.
- Stainless steel A8-45 Auto Buckles.
- UV Resistant High Strength Beaded Type Yarns and Contrasting Color Sewing for Quick Eye Control.
- 2 pieces of PVC Coated Gear Loops.

**Size:**

- XS, S/M, L/XL, XXL
WORK POSITIONING
SUSPENSION HARNESS

Technical Specifications

Size: XS, S/M, L/XL, XXL

- Harness Should be Used as a Component in Personal Restraint, Work Positioning, and Rescue.
- 1 piece of Buck D-Ring for Fast, Easy and Safe Connection to the Other Elements of a Personal Fall Arrest System.
- 2 pieces of Waist D-Rings for Work Positioning.
- Can be used as Fall Arrest and Work Positioning Harness when attached to P-455 YU.
- 1 piece of D-rings in Abdominal Area for Working in Suspension.
- Suspension Trauma Straps.
- Maximum comfort by virtue of Breathing, Antibacterial, Ergonomic Waist and Leg Pads.
- Special design Aluminium D rings.
- Stainless steel AB-45 Automatic Waist and Leg Buckles For Fast Connection and Release.
- UV Resistant High Strength Braided Type Yarns and Contrasting Color Sewing for Quick Eye Control.
- 2 pieces of Gear Loops.
ABSEILING GLOVE

- Ideal for abseiling and rescue.
- Premium synthetic leather palm and fingertip patches.
- Velcro wrist fastening.
- Full finger.

ABSEILING GLOVE

- These highly specialized gloves offer versatility in jobs where multiple tasks are being performed.
- Premium synthetic leather palm and fingertip patches.
- Velcro wrist fastening.
- The fingertips are open on the thumb, index and middle digits. User can switch from one task (like material handling) to another (data entry requiring touch sensitivity) without having to remove gloves.
Kaya Safety

Kaya was established in 1996 to design systems and equipment for work at height activities to be performed properly and safely.

Having the most advanced facility in its field, Kaya Safety designs, develops and manufactures fall arrest systems, rescue and evacuation equipment and lifting equipment in Turkey for institutions and organizations operating in sectors such as Defense, Firefighting, Oil & Gas Construction and Telecommunication.

In addition to our knowledge and experience gained from working in different fields for over 16 years, we are aware of the issue that employees and managers need to take the necessary training for correct use of safety equipment and systems. We provide sector based trainings in our training facility which is one of the largest working at height simulation centers in Europe. We also support our users with technical documents and product videos for equipment to be used correctly and efficiently.

Kaya Ropes

Kaya Ropes manufactures all kinds of ropes for every field, where life safety and performance is aimed, that are made of from various types of raw materials, at different construction with internationally recognized certifications.

Kaya Ropes has become a leader of innovation in Turkey and one of well-known and requested brands in the world with its technical and technological ropes.

Equipped with most developed machineries, Kaya Ropes manufactures ropes for Sailing, Yachting, Military, Off-Road, Playground, Mountaineering, Rescue, Civil Defense, Safety, Fishing, Energy, Mining and so on.

Kaya Training

Combining with 30 years of knowledge of Kaya Group in Occupational Health and Safety; Kaya Training and Kaya Consulting provide solutions in Strategic Management Consulting, Occupational Health & Safety and Joint Health Security Unit Services since 2001 to a large number of multinational companies and projects in almost all cities in Turkey as well as in Iraq, Gabon, Nigeria, Russia, Kazakhstan, Turkmenistan, Libya, Algeria, Albania, Kosovo, Tunisia, Saudi Arabia, Syria, Ukraine and Morocco and plays an important role in creating Occupational Health and Safety culture with its over 40 professional employees who have international experience.

Kaya Training and Kaya Consulting have 1st class training facilities and infrastructure where various industries can be simulated. The company also maintains its leadership in taking precautions in occupational health and safety and rescue activities and providing training, inspection and supervision services with aim of creating safe working environment. In addition to this, company contributes raising awareness of occupational health and safety issues in employees with its professional internal trainings.

Kaya Training and Kaya Consulting is also a partner of many well-known international organizations in Turkey such as IOSH, (Institution of Occupational Safety & Health), NSC (National Safety Council) and IRATA (Industrial Rope Access Trade Association) and part from this company is able to provide their trainings with its own trainers.
QUALITY- TESTING

We sincerely declare that playground rope access systems designed, manufactured and assembled by KAYA ADVENTURE comply with EN 1176-1 and EN 1176-11 standards within INPECCO.
CERTIFICATES AND STANDARDS

PLAYGROUND GROUP
EN 1176-1-1 Playground equipment and surfacing.

LIST OF EUROPEAN STANDARDS FOR FALL PROTECTION
EN 361 Personal protective equipment against falls from a height
EN 358 Personal protective equipment for work positioning
EN 813 Personal fall protection equipment - Sit harnesses
EN 12277 Mountaineering equipment - Harnesses
EN 355 Energy absorbers
EN 354 Lanyards
EN 362 Connectors
EN 12278 Pulleys
EN 387 Industrial safety helmets
EN 12492 Helmets for mountaineers

PROTECTIVE GLOVES
EN 388 Protective gloves against mechanical risks

HEAD PROTECTION
EN 397 Industrial safety helmets

CANADIAN STANDARDS ASSOCIATION (CSA)
Z259.10 Full body harness

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
ANSI Z89.1 American National Standard for industrial head protection
Class C Classic
Class E Electric
ANSI Z359.1 Safety requirements for personal fall arrest systems, sub systems and components
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TAH. SAN. VE TİC. A.Ş.

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UPGRADE YOUR LINES!