

# SERVICES & WARNINGS

1

## **Amick Associates, Inc. Offers:**

- Inspection and Repair
- Proof Testing and Certification
- Pre-stressing
- Additional Services Offered
- Safety and Training Seminars
- Chain Inspections and Repairs
- Wire Rope Inspections and Repairs
- Magnetic Particle Inspections
- On-Site Hoist Inspections and Repairs

## **Warnings**

# SERVICES & WARNINGS

Amick Associates, Inc.

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1

## Amick Associates, Inc. Offers:

- In-plant sling inspections.
- In-plant crane and hoist rope inspections.
- Magnetic particle inspection of hooks and fittings.
- Safety seminars on lifting products and applications.
- Design and engineering of lifting apparatus.
- Slings designed for any application.

### Inspection and Repair of:

- Alloy chain slings.
- Wire rope slings.
- Wire mesh slings.
- Nylon web slings.
- Special chain slings.
- Electric hoists.
- Hand hoists.
- Wire rope pullers.
- Plate clamps.
- Chain pullers.

### Proof Testing and Certification of:

- Wire rope slings.
- Wire mesh slings.
- Nylon web slings.
- Alloy chain slings.
- All types of special assemblies.

### Pre-stressing of:

- Wire rope.
- Wire rope assemblies.
- Boom pendants.
- Special assemblies.

All testing and pre-stressing done in our modern 200,000 pound pull tester.

### Additional Services Offered are:

- Machining of new crane hooks to fit existing blocks.
- Documented wire rope surveys to identify and determine proper construction for your wire rope applications.
- Knowledge of and adherence to all federal specifications.
- Special packaging and handling of customers' orders when specified.
- Prompt service to towing trucks and utility vehicles.
- Trained and experienced field personnel for problem solving in overhead lifting, loading securement, and high pressure hydraulics.

## Safety and Training Seminars

Amick Associates takes great pride in our service and safety programs. Our "Planning a Safe Lift" safety program deals with lifting awareness and safety. It is this service aspect of our company that sets us apart from our competitors in the industry.

Amick has several instructors with a Level 3 Certification for rigging training.

Our seminars would be available at your convenience and would take approximately one hour. Multiple seminars can also be scheduled to suit your needs. Amick instructors will speak on lifting safety in conjunction with a video program. Also, various product samples will be demonstrated for the retirement criteria portion. The entire program is designed to bring your company into compliance with ANSI B30.9 and OSHA 1910 specifications. The program is tailored to the needs of your company and it could cover one or more of the following items:

- Wire rope.
- Wire rope slings.
- Alloy chain slings.
- Synthetic web slings.
- Wire mesh slings.
- Wire rope on cranes.

"Planning a Safe Lift" takes good decision making by everyone involved. Our goal during a seminar is to bring in-plant lifting awareness to each individual, with the intention of creating a safer overhead lift environment within the plant.

- Hoist Safety Training Seminars.
- Fall Protection Safety Training Seminars.

## Chain Inspections and Repairs

As part of our comprehensive service and safety programs for our valued customers, Amick Associates offers regularly scheduled chain inspections. Customers can schedule chain inspections annually, semi-annually, or quarterly with minimal interruption of plant work schedules.

### About the Inspection

- Chains are visually inspected for wear, cracks, gouges, and deformations of the chain slings and lifting devices.
- A customer representative may join the inspection if he/she wishes to do so, however, it is not required.
- Any items failing inspection will be danger tagged and removed from service immediately.
- Before leaving the customer's premises, the Amick chain inspector will review the inspection with a customer representative to discuss corrective action or procedures.
- A complete, written inspection report will be sent to the customer one week after the inspection detailing the condition of every chain inspected.

### About the Repairs

- Chains danger tagged will be brought back to Amick Associates, home of the largest chain repair station in western Pennsylvania. We are capable of repairing and/or replacing all brands of chain and fittings with a minimal turnaround time.
- Customers will receive a 'new vs. repair' quote before any corrective action is taken.

## Wire Rope Inspections and Repairs

In our never-ending effort to keep our customer's overhead lifting products safe and reliable, Amick Associates offers wire rope inspections. Customers can schedule wire rope inspections annually, semi-annually, or quarterly with minimal interruption of plant work schedules.

All wire ropes will wear out eventually and gradually lose work capability throughout their service life. That's why periodic inspections are critical. Applicable industry standards such as ASME B30.2 for overhead and gantry cranes or federal regulations such as OSHA refer to specific inspection criteria for varied applications.

### Three Purposes for Inspection

- Reveals the rope's condition and indicates a possible need for replacement.
- Indicates if you are using the most suitable type of rope for the given application.
- Makes possible the discovery and correction of faults in equipment or operation that can cause costly accelerated rope wear.

As with all of our inspections, the Amick inspector will review the inspection with a customer representative before leaving the premises to discuss corrective action or procedures.

### About the Repairs

Amick can revise and recertify your fittings on your wire rope bridle slings. High strength wire rope used to make your sling lift stronger and safer. All repaired slings tagged, tested and certified as per OSWA and ANSI regulations.

## Magnetic Particle Inspections

As one of our many professional inspections, the magnetic particle inspection has become an integral part of Amick's service and safety program.

Our NDE-trained inspector is qualified to perform magnetic particle inspections of our customer's crane hooks and spreader beam hooks.

We use the most up-to-date magnaflux equipment. The AX-DC magnaflux 1/2 wave P-70 unit coupled with a Magnetic Parker Probe Yoke will find any cracks, both surface and subsurface to 1/8-inch.

Amick Associates also offers ultrasound and Burdon Block inspections.

## On-Site Hoist Inspections and Repairs

### About the Inspection

- Our experienced staff can test all makes and models of hoists.
- A customer representative may join the inspection if he/she wishes to do so, however, it is not required.
- Any hoist failing inspection will be danger tagged and taken out of service immediately. Hoists passing inspection will be noted with a dated inspection sticker.
- Before leaving the customer's premises, the Amick hoist inspector will review the inspection with a customer representative to discuss corrective action or procedures.
- A complete, written inspection report will be sent to the customer one week after the inspection detailing the condition of every hoist inspected.

### About the Repairs

- Hoists danger tagged will be brought back to Amick Associates' hoist repair center. We are capable of repairing and/or replacing many brands of hoists and fittings with a minimal turnaround time.
- Customers will receive a 'new vs. repair' quote before any corrective action is taken.

## Warnings\*

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1

#### Alloy Steel Chain Slings



- Chain sling **FAILURE** can cause **DEATH OR INJURY**.
- Sling failure results from misuse, damage, and excessive wear.
- Do not exceed working load limit.
- Use only alloy chain and attachments for overhead lifting.

#### Wire Rope



- Wire rope **WILL FAIL** if worn-out, overloaded, misused, damaged, improperly maintained or abused.
- Wire rope **FAILURE** may cause serious **INJURY OR DEATH**.
- Protect yourself and others:
  - ALWAYS INSPECT wire rope for WEAR, DAMAGE or ABUSE BEFORE USE.
  - NEVER USE wire rope that is WORN-OUT, DAMAGED or ABUSED.
  - NEVER OVERLOAD a wire rope.
  - INFORM YOURSELF: Read and understand manufacturer's literature or "Wire Rope and Wire Rope Sling Safety Bulletin."
  - REFER TO APPLICABLE CODES, STANDARDS and REGULATIONS for INSPECTION REQUIREMENTS and REMOVAL CRITERIA.

**Note:** For additional information or the BULLETIN, ask your employer or wire rope supplier.

#### Inspection, Care and Use of Synthetic Web Tiedowns

##### Removal From Service

A tiedown shall be removed from service if any of the following are visible:

1. Holes, tears, cuts, snags or embedded particles in the webbing.
2. Broken or worn stitching in load bearing stitch patterns.
3. Excessive abrasive wear of the webbing.
4. Knots in any part of the webbing.
5. Distortion, excessive pitting, corrosion or damage of any fitting or component.
6. Melting, charring, or weld spatter on any part of the webbing.
7. Chemical burns.
8. Any conditions that cause doubt as to the strength of the tiedown.

#### Inspection, Care and Use of Synthetic Polyester Roundslings

##### Removal From Service

A roundsling shall be removed from service if any of the following are visible:

1. If roundsling rated capacity tag is missing or not readable.
2. Acid or alkali burns on the roundsling.
3. Melting, charring or weld splatter of any part of the roundsling.
4. Holes, tears, cuts, snags, embedded particles or abrasive wear that expose the core fibers.
5. Broken or worn stitching in the cover that exposes the core fibers.
6. Knots in any part of the roundsling.
7. Distortion, excessive pitting, corrosion or broken fitting(s).
8. Any conditions that cause doubt as to the strength of the roundsling.

#### Inspection and Care of Synthetic Web Slings

Prior to use, make certain that each sling meets the requirements of your Purchase Order and that it has not been damaged in shipment.

##### Inspection

Remove slings from service if damage such as the following is visible:

1. Cuts on face or at edge of webbing.
2. Holes, tears, snags or crushed web.
3. Excessive abrasive wear.
4. Excessive pitting or corrosion, cracked, distorted or broken fittings.
5. Broken or worn threads in the stitch patterns.
6. Melting or charring of any part of the sling.
7. Acid or caustic burns.
8. Other visible damage that causes doubt as to the strength of the sling.

Failure to follow the care, use and inspection instructions could result in severe personal injury. Do not exceed rated capacities.

##### Operating Practices

Web slings can be cut by contact with sharp or unprotected load edges. Padding must be used to protect the slings.

#### Amick Nylon and Polyester Slings

##### Disclaimer of Warranties and Limitation of Liability

Seller warrants that its goods are free from defects in materials and workmanship. Accordingly, Seller's liability is limited to replacing without charge or refunding the purchase price, or making fair allowance for any noncompliance with any specifications or any defects in materials or workmanship in its products existing at the time of delivery. Seller requires written notice and the return of the product to establish any claim. SELLER MAKES NO OTHER WARRANTY OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEED THE ABOVE OBLIGATION ARE HEREBY DISCLAIMED BY SELLER AND EXCLUDED. Seller will not be liable for any consequential damages, loss or expense arising in connection with the use or inability whatsoever, regardless of whether damage, loss, or expense results from any act or failure to act by Seller, whether negligent or willful, or from any other reason.

### \*WARNING

Failure to comply with warnings may result in personal injury or death. See above.