Alloy Steel
Sling Requirements

Each Day – Before Initial Use (sling, fastenings and attachments)

1. Inspected for damage or defects by competent person designated by employer.

2. Additional inspections during sling use, where service conditions warrant.

3. Damaged or defective slings shall be immediately removed from service.

Inspection

1. Alloy steel chain sling inspections are to be conducted on a regular basis as determined by: frequency of sling use, severity of service conditions, type of lifts being made, and experience of the service life of slings in similar circumstances.

2. Departments maintain records of the most recent month in which alloy steel chain sling was thoroughly inspected and have the record available for review.

3. Inspections will be performed by a competent person designated by the department.

4. Includes a thorough check for wear, defective seals, deformation and increase in length.

5. If these conditions are found, the sling shall be immediately removed from service.

Proof Testing

1. Before Use – new, repaired or reconditioned allow steel chain sling (including all components) shall be proof tested by manufacturer or equivalent entity.

2. Department owning the equipment shall retain a copy of the certificate of proof test and have record available for review.
Repairs & Reconditioning

1. Worn or damaged components are not used until repaired. When welding or heat testing is performed, slings shall not be used unless repaired, reconditioned and proof tested by the sling manufacturer or equivalent entity.

2. Mechanical couplings links or low carbon steel shall not be used to repair broken lengths of chain.

3. If the chain size at any point of the link is less than that which is approved, the department must remove the chain from service.

4. Chain slings with cracked or deformed master links, coupling links or other components shall be removed from service.

5. Slings shall be removed from service if the hooks are cracked, openings more than 15% of the normal throat opening (measured at narrowest point) and/or twist more than 10 degrees from the plane of the unbent hook.