

As an industry leader in overhead crane technology, ProservCrane has gone to great measures to develop a preventative inspection and maintenance program for our products.

Program Details & Benefits

Under ProservCrane's maintenance program we will prolong the life of your equipment by lubricating and adjusting machine elements and accessories according to manufacturer specifications.

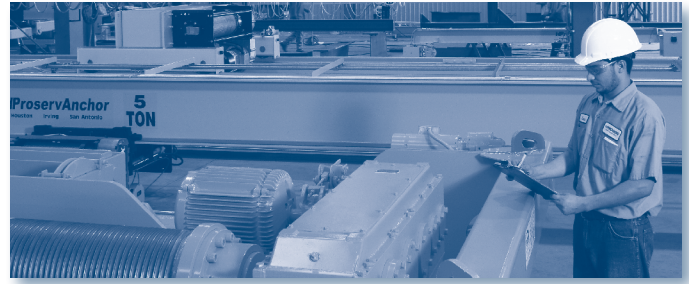
Below are the benefits to the program:

- Avoid costly downtime due to lack of proper crane maintenance
- Extend the lifetime of the crane and crane accessories
- Reduce overhead; due to stocking of lubricants and special tools
- Maintain a continuous check and permanent record on the crane
- Reduce maintenance costs due to brake, and other part adjustments that are serviced; before causing irreversible damage

ProservCrane's inspection program is based on many years of experience in the material lifting industry and our compliance with ANSI, CMAA, HMI, ISO 9000, NEC, NEMA and OSHA codes. When performing our annual and quarterly inspections we are very thorough in the examination of your equipment. A typical annual or quarterly inspection includes the following:

Annual/Quarterly Inspection Program

- ✓ Inspection of all equipment; oil and lube reservoir levels, and reporting of any excessive leakage
- ✓ Topping off oil in gear cases (up to one gallon per crane)
- ✓ Visual inspection of sheaves, drums, wheels, and bearings for general conditions and proper lubrication
- ✓ Inspection of wire rope or chain for any signs of kinking, crushing, cutting, bird-caging, corrosion, or other unusual wear
- ✓ Visual inspection of load block hook and safety latches for any excessive wear; such as bending, twisting, cracking, grooves, or increased throat opening



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- ✓ Visual inspection of external hoist parts, trolley frames, catwalks, handrails for loose bolts, broken parts, misalignments, broken welds, or any other unusual conditions (*gear case will not be internally inspected*)
- ✓ Checking entire unit for smoothness of operation and proper pendant identifications
- ✓ Inspection of electrical controls by opening control boxes and checking all contactors, relays, timers, etc. (*checked for proper operation and loose or broken connections*)
- ✓ Inspection of all safety devices (*i.e. check limit switches for proper operation*)
- ✓ Inspection of general condition of end trucks, rail sweeps, drop lugs and shock absorbing bumpers
- ✓ Inspection of motor brakes for proper operation or possible need of adjustment or replacement of brake discs, studs, coils, shoes, etc. (*adjustment of electric brakes will be included at no additional charge*)
- ✓ Inspection of collector shoes, brushes, or wheels for signs of arching and or wear
- ✓ Greasing of all open wheel gearing, pinions and grease fittings

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ProservCrane's Preventative Inspection & Maintenance Program

Crane inspections are required by OSHA to be performed at least once a year; but depending on the use of the crane, and at the discretion of our clients, ProservCrane may also perform monthly inspections. Below is a checklist of items that are inspected on our monthly program.

Monthly Inspection Program

- ✓ Visual inspection of hooks and all load chains or cables
- ✓ Limit switch operational check
- ✓ Visual examination and operational test of motor brake
- ✓ Oil/greasing of gears and lubrication levels
- ✓ Push-button, radio, cab, or rope cord control operation
- ✓ Visual inspection of safety latch and bottom block
- ✓ Visual inspection and operational check of wheels and bearings
- ✓ General condition and control operation
- ✓ Visual inspection of runway or supporting structure

What to Expect

- 1) A crane inspection will typically take approximately two hours to perform. However, depending on the size, capacity, or type of crane; our service may take longer in order to conduct a more thorough inspection.
- 2) ProservCrane will supply all necessary equipment required for the inspection and will adhere to all safety regulations and requirements within your company.
- 3) If at any time during our inspection of your hoist(s) or crane(s) we discover any potential safety hazards we will immediately report the condition to a pre-designated person. Written reports will be hand delivered to you within 10 business days after completion of the inspection.

4) OSHA inspections comply with Title 29 Section 1910.179 for gantry and overhead cranes. Any repairs according to the inspection will be quoted at our customer's request at no additional charge.

5) As part of ProservCrane's inspection and maintenance program it is common to report in writing both faulty and non-faulty items. Should we find any faulty parts and/or discrepancies relative to our interpretation of the aforementioned codes; only upon your authorization in writing, will we expend any labor and/or materials for correction. Any such repairs and/or corrective work will be chargeable time and material using current labor rates. *(The most common wear items on most cranes are the wire rope, brake discs, and contactors).*

6) ProservCrane provides service for cranes that breakdown during regular business hours with an average response time of two to four hours. **If a crane breaks down after regular business hours call your local representative at a number listed below.** Someone will contact you within an hour to service your needs.

ProservCrane is a service oriented company supported by a family of knowledgeable and passionate employees. Our management team averages over 30 years of professional experience in the material handling industry, while our veteran staff and factory-trained technicians understand the need of our customers and have the ingenuity to deliver superior products and services every time.

If at anytime you have a question or concern about ProservCrane's products and services visit us at www.proservcrane.com or call us Toll Free at 1.800.835.2223.

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