

Lifting Device Inspection (NDT) and Certification

Applus+ offers certified structural inspections for various lifting devices including: mobile cranes (knuckle boom, stiff boom and lattice booms), aerial devices, tower cranes, container cranes and man-lifts. We also offer certified mechanical, and controls inspections for mobile equipment through our growing network of partner facilities to assure compliance with CSA Z150 and CSA C225 standards.



THE Applus+ SOLUTION

Applus investigates the integrity of lifting device materials through various methodologies. As a world leader in the testing, certification, and inspection sector, we dedicate our resources and expertise to protect the interests of our clients by performing intensive, detailed investigations through the use of NDT and relevant innovative techniques to provide assurance regarding the quality of assets. Applus utilizes the latest advances in technologies to verify condition of materials, as well as provide periodic inspections to assure the functionality of analyzed lifting device assets. Most importantly, tests are executed to secure the safety of technicians, operators and relevant personnel, therefore, meeting the standards prescribed by governing regulatory entities.

Applus+ lifting device inspections are carried out and tracked in our online system – Fleetutility. This gives client's realtime information on the status of the inspection and instant reporting of any deficiencies found. The system helps our clients keep track of their fleet and also sends reminders of when inspections are coming due.



Aforementioned inspections are carried out by a team of technicians certified to CSA W178.2 for visual welding inspection and CGSB standards for non-destructive testing, in full accordance with the requirements of regulated crane safety standards, including CSA Z150 and CSA C225. Applus+ has a team of experienced inspectors across Canada, providing the benefit of accessibility for all of our clients to ensure their needs are met at every stage of the inspection and certification process.

Target customers

Health and safety regulations require the annual inspection and certification of various types of lifting devices. Inspections may also be required after an accident or other form of failure. Various industries benefit from gaining lifting device inspection and certification, including the construction industry, manufacturing, and industrial: e.g., companies that deliver construction materials, crane rental companies, pile driving companies, industrial facilities, and general contractors.

Key customer benefits

There are numerous benefits to lifting device inspection and certification. These assets require constant inspection for their integrity. The benefits gained with periodic testing are numerous. These include the following:

- Online access to reporting and certification
- Full compliance with the requirements of the OHS regulations in each province
- Consistent inspections across Canada
- QR decals for easy access to inspection reports using mobile technologies: e.g., smartphones
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- Ensure periodic inspection is performed in a timely manner
- Increased productivity of personnel within the vicinity: e.g., technicians, operators, engineers
- Increased safety of personnel within the vicinity: e.g. technicians, operators, engineers
- Extends the operating life of equipment