



CREATE - COMPLY - PROSPER

CCP Engineering Inc.

CONSTRUCTION MACHINERY, MECHANICAL AND OPERATIONAL

## ENGINEERING SAFETY INSPECTIONS



The Ministry of Labour regularly charges Employers with: 'failing to conduct regular workplace inspections', and 'failing to provide information, instruction or supervision to workers'. Our team of engineers can bring your attention to a wide variety of problems, including:

1. Overloading (over capacity);
2. Poor condition/operation of cab controls;
3. Poor work or maintenance practices;
4. Critical limit switches and other devices that are not functioning correctly (those that are visible);
5. Unapproved modifications with no engineering backup;
6. Missing certification labels (approval body labels and annual inspection labels);
7. Obvious signs of distress;
8. Brake / stopping performance below spec;
9. Improper calibration of the LMI;
10. Unguarded moving parts that *should be* guarded in accordance with modern machinery safety standards.

"Authorized by the Association of Professional Engineers of Ontario to provide professional engineering services."



Professional Engineers  
Ontario



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We can also help by:

1. Advising on what types of ongoing inspections are required;
2. Obtaining critical literature that may have gone missing;
3. Advising on which safety standards apply to a particular machine or work situation;
4. Advising whether safer alternatives are available;
5. Developing a checklist unique to a particular machine or class of machines (that your own personnel can administer from then on);
6. Identifying training requirements;
7. Reviewing near miss reports and advising on what can be done from an engineering controls point-of-view.

At the same time, we can give you an opinion on the criticality of damage seen on the equipment. For example:

1. How critical is a sawcut on a platform;
2. How critical is the level of corrosion;
3. How much material thickness remains in a critical area (using an ultrasonic tool);
4. Whether damage to a guardrail is critical.

Our reports are signed & sealed by our principal engineer, Nino Balbaa, B.Eng., M.Eng., P.Eng., CFPS, who has over 25 years of experience with machine controls, structural analysis, occupational health & safety and forensic engineering.

Our company has no affiliation with any manufacturer, supplier, service company, training provider or trade union. All findings are kept strictly confidential. Our mission is to become a valuable resource (i.e. 'best friend') to any Constructor, Owner, Employer or management team. At the end of the day, they are the ones facing the highest legal liability.

**OUR MISSION IS TO KEEP ONTARIO PRODUCTIVE AND PROTECT EMPLOYERS BY HELPING THEM  
CREATE, COMPLY AND PROSPER.**

**CALL US TODAY FOR A FREE ESTIMATE.**