EKHO

INFRASTRUCTURE SOLUTIONS

TOWER CRANE TEST BLOCK SYSTEM

The gold standard in lifting assurance – pre-engineered, precision-manufactured, and ready to meet the demands of your most critical projects.

TRUTON

Engineered Strength. Certified Confidence.

EKHO's fully engineered tower crane test block systems are the gold standard in lifting assurance – pre-engineered, precision-manufactured, and ready to meet the demands of your most critical projects.

- **Pre-Engineered Systems**
  Designed for consistent performance and simplified deployment.
- **Clearly Marked Weights**
  Each component displays its weight for easy identification and load planning.
- **Unique ID Tagging**
  Every component includes a traceable unique identifier for compliance and tracking.
- **Tested and Certified**
  Supplied with quality records, testing documentation and manufacturer specifications.
- **Engineered Lifting Anchors & Multiple Lift Points**
  Safe, stable, and optimized for a variety of configurations.
- **Durable Base Blocks**
  Built for long-term reliability in rugged jobsite conditions.
- **Crane-Specific Customization**
  Systems are tailored to fit your crane's specifications on-site.
- **Inspection Certification Services Available**
  Ensure compliance and confidence with third-party validation.

LIFT SMARTER | LIFT SAFER | LIFT WITH TRUTON

Ontario Regulation 213/91 (Construction Projects) under the Occupational Health and Safety Act specifies requirements for the use of test blocks for cranes, particularly tower cranes. These requirements are outlined in the following sections:

Section 154(4) – Marking of Counterweights, Test Blocks, and Ballast

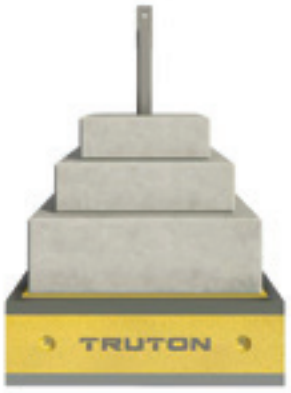
Every portable or removable counterweight, test block, and ballast used on a crane must be accurately weighed and have their weight clearly marked on them. This ensures proper load management and safety during crane operations.

Section 161(3) – Testing Overload Limit Devices

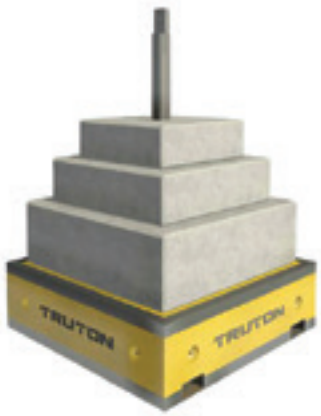
Overload limit devices for a tower crane shall be tested using test blocks designed for the purpose that have their weight clearly marked on them. This provision mandates the use of appropriately marked test blocks to verify the functionality of overload limit devices.

Section 161(4) – Retention of Test Blocks

The test blocks shall be kept on the project while the crane is erected. This requirement ensures that test blocks are readily available for ongoing testing and verification of crane safety mechanisms.



Truton Base available in 5,000 lb & 7,000 lb weights



Truton Base with add-on blocks

TRUTON ADD-ON BLOCK SPECS

34″ X 34″ TEST BLOCKS

BLOCK DEPTH INCHES [mm]	C/O STEEL STUD INCHES [mm]	DESIGN WEIGHT lbs [kg]	CONCRETE FT³ [m³]	CONCRETE WEIGHT lbs [kg]
5.626″ [143]	2.8125″ [71]	500 [227]	3.641 [0.103]	500 [227]
11.125″ [283]	5.5625″ [141]	1000 [454]	7.281 [0.206]	999 [453]
16.6875″ [424]	8.34375″ [212]	1500 [680]	10.922 [0.309]	1499 [680]

45″ X 45″ TEST BLOCKS

BLOCK DEPTH INCHES [mm]	C/O STEEL STUD INCHES [mm]	DESIGN WEIGHT lbs [kg]	CONCRETE FT³ [m³]	CONCRETE WEIGHT lbs [kg]
12.5″ [318]	6.25″ [159]	2000 [907]	14.562 [0.412]	1998 [906]
15.625″ [397]	7.8125″ [198]	2500 [1134]	18.203 [0.515]	2498 [1133]
18.875″ [479]	9.4375″ [240]	3000 [1361]	21.843 [0.619]	3002 [1362]

56″ X 56″ TEST BLOCKS

BLOCK DEPTH INCHES [mm]	C/O STEEL STUD INCHES [mm]	DESIGN WEIGHT lbs [kg]	CONCRETE FT³ [m³]	CONCRETE WEIGHT lbs [kg]
14.125″ [359]	7.0625″ [179]	3500 [1588]	25.484 [0.722]	3502 [1588]
16.125″ [410]	8.0625″ [205]	4000 [1814]	29.125 [0.825]	4001 [1815]
18.25″ [464]	9.125″ [232]	4500 [2041]	32.765 [0.928]	4501 [2042]

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MADE IN

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