

## **Can construction safety be measured?**

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### **Abstract**

Construction industry is a dangerous trade worldwide. The contractors need to continuously screen and control occupational health and safety on their construction sites. There is a need for the contractors to periodically monitor their safety performance on an objective manner. This requires a quantitative approach and methodology. This speech will firstly introduce construction safety and its management in general. Then it will develop a quantitative measurement index to measure construction safety step by step using on-site observations. The audience will be taken to a virtual construction site on screen to measure the site safety index. The method is practical for on-site use.