Key Findings

The principles of mistakeproofing offer practical and useful application in the construction industry. Their systematic pursuit is bound to help improve quality performance, including safety and health performance.

Quite a few applications of mistakeproofing already exist in the construction industry. Documentation of existing practices will inspire greater adoption of mistakeproofing.

Developing a mistakeproofing mindset starts by raising awareness and empowering people to experiment with devices or methods in pursuit of continuous improvement. Training will be needed to foster a mistakeproofing mindset.

The generation of new ideas on how to mistakeproof certain product or process designs can be supported by drawing on the principles of TRIZ (Theory of Inventive Problem Solving).

The six principles of mistakeproofing align to some degree with the five levels in OSHA’s Hierarchy of Controls, in that both prioritize elimination and substitution of practices subject to human error.

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Read the report:
http://bit.ly/2HcDgv1