Name of Instrument: **Injury Risk Checklist**
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Privacy Use Cost: $
Public Use Cost: $

Year Developed: 1998

Where to obtain Instrument:
- Referenced article

Description of the Instrument
- A ten-item, observational checklist assesses hazards on construction sites associated with the most frequent causes of construction injuries: trips, falls from elevations, electrocutions, trenching cave-ins, being struck by moving objects, vehicle-related accidents, and lacerations.
- At each location, the presence or absence of hazards was noted. On each location where a hazard is present, the component score (degree of protection) is rated from 0 (no protection) to 10 (fully protected).
- The summary hazard score for one location is the sum of the component scores across all ten hazards.
- The overall hazardousness of the site is calculated as the average summary score over all locations on the site.

Form of instrument:
- Checklists

Method of delivery:
- In-person interview/assessment

Relevance to injury/ Percentage of the instrument specific to injury
- To assess injury risk factors on construction sites.

Time to administer or complete the instrument

Methods of data analyses:

- Quantitative

Setting/sample instrument used in:

- Inspections were conducted on three building sites in the local Puget Sound region during the winter of 1995-1996. The sites selected represented three different types of construction: a structural steel addition to a shopping mall (site A), a concrete tilt-up commercial building (site B), and a wood frame apartment/retail building on a sloping lot (site C).
- Inspections on three sites were conducted on two occasions, separated by at least 1 month so that the stage of construction was significantly advanced by the time of the second visit.
- On each inspection of the site, a random sample of locations within the site was selected for assessment, and complete evaluation of each selected location was conducted.

Was it pilot tested?

Pilot test sample:

Reliability Measures

Validity Measures

Reference

Seixas, N.S., Sanders, J., Sheppard, L., & Yost, M.G. (1998). Exposure assessment for acute injuries on construction sites: Conceptual development and pilot test. Appl Occup Environ Hyg 13 (5), 304-312.

Other References

Keywords: construction sites, construction injuries, hazards.