Health and Safety Engineers, Except Mining Safety Engineers and Inspectors 17-2111.00







Description: Promote worksite or product safety by applying knowledge of industrial processes, mechanics, chemistry, psychology, and industrial health and safety laws. Includes industrial product safety engineers.

Other Resources:

ONET Link
MyNextMove Link

Sample of Reported Job Titles: Health and Safety Specialist, Industrial Hygienist

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Title: 4 - Considerable Preparation Needed

Education: Require a four-year bachelor's

degree.

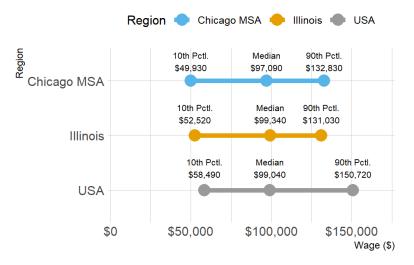
Experience: A considerable amount of work-related skill, knowledge, or experience is needed.

Training: Several years of work-related experience, on-the-job training, and/or vocational training needed.

Core Certifications: Residential Energy Inspector/Plans Examiner, Associate Safety and Health Manager, Product Safety Certification

Hot Technologies: Autodesk AutoCAD, C++, Computer aided design CAD software, Eclipse IDE, Electronic design automation EDA software, Linux, Mathsoft Mathcad

Region	Employment	Location Quotient	Median Wage
Chicago MSA	220	0.32	\$97,090
Illinois	310	0.34	\$99,340
USA	22,870	-	\$99,040



Importance

(out of 100)

Frequency

Ton 5 Core Tasks	According to Curr	ant Joh Holders
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Investigate industrial accidents, injuries, or occupational diseases to determine causes and preventive measures.	More than monthly	90
Conduct research to evaluate safety levels for products.	More than monthly	87
Evaluate product designs for safety.	More than monthly	86
Conduct or coordinate worker training in areas such as safety laws and regulations, hazardous condition monitoring, and use of safety equipment.	More than monthly	86
Maintain and apply knowledge of current policies, regulations, and industrial processes.	Daily	86