

(別記 3) **Hazard Recognition** (危険有害性の認識)

項目	英語原文	左欄の日本語仮訳
資料の名称	Machine Guarding 、US-OSHA Hazard Recognition	機械防護、アメリカ合衆国労働省職業安全衛生局 危険有害性の認識
資料の所在	https://www.osha.gov/machine-guarding/hazards	—

Hazard Recognition

危険有害性の認識

The following references aid in recognizing hazards from ineffective machine guarding.	以下の参考文献は、効果的でないマシンガードによる危険有害性を認識するのに役立つ。
Possible Solutions The following references provide possible solutions for machine guarding hazards.	可能な解決策 以下の参考文献は、機械防護の危険に対する可能な解決策を提供している。 (資料作成者注：以下左欄の参考文献については、日本語仮訳を行いませんでした。)

- [Machine Guarding](#). OSHA eTool. Focuses on recognizing and controlling common amputation hazards associated with the operation and use of certain types of machines.
 - [Machine Guarding: Horizontal Injection Molding Machine Safety Tour](#). Allows user to take a virtual tour of an injection molding machine.
- [Safeguarding Equipment and Protecting Workers from Amputations](#). OSHA Publication 3170, (2007). Provides information to help identify and manage common amputation hazards associated with operating and using stationary equipment.
- [Preventing Scalping and Other Severe Injuries from Farm Machinery](#). U.S. Department of Health and Human Services (DHHS), National Institute for Occupational Safety and Health (NIOSH) Publication No. 94-105, (June 1994). Describes five cases of persons who were scalped when their hair became entangled around the inadequately guarded rotating drivelines or shafts of farm machinery driven by power take-offs (PTOs).
- [A Guide for Protecting Workers from Woodworking Hazards](#). OSHA Publication 3157, (1999). Provides a general, non-exhaustive overview of woodworking standard related topics.
- [OSHA Technical Manual \(OTM\)](#). OSHA Directive TED 01-00-015 [TED 1-0.15A], (January 20, 1999).
 - [Industrial Robots and Robot System Safety. Section V](#) entitled "Control and Safeguarding Personnel" outlines specific means for safeguarding robot systems.
- [NIOSH Update: NIOSH Leads Evaluation of Strategic Machine Safety Guideline](#). National Institute for Occupational Safety and Health, (March 3, 2003). Contains a notification of a project being led by NIOSH to evaluate the effectiveness of an American National Standards Institute (ANSI) voluntary guideline to prevent fatal injuries from machine contact.
- [Machine and Portable Tools](#). Stanford Linear Accelerator Center (SLAC) Environment, Safety, and Health Manual (Chapter 25), (May 10, 2013). Provides a general discussion of machine hazards and proper safeguarding techniques.
- [Safeguarding Machinery and Equipment Guideline](#). Government of Manitoba, Workplace Safety and Health Branch, (June 2008).

Includes basics of machine safeguarding, methods of machine safeguarding, and guard construction.	
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Additional Resources	その他の情報源
Related Safety and Health Topics Pages	関連する安全衛生トピックのページ
<ul style="list-style-type: none"> • Robotics 	<ul style="list-style-type: none"> ● ロボット工学

Training	教育訓練
<ul style="list-style-type: none"> • OSHA Training. Provides links to training and education resources as well as courses provided by the OSHA Training Institute in occupational safety and health for federal and state compliance officers, state consultants, other federal agency personnel, and the private sector. • Checklist for Abrasive Wheel Equipment Grinders. OSHA, (1999). <ul style="list-style-type: none"> ○ A Partial List of Accidents Involving Grinders. • Machine Guarding. OSHA. Designed to assist trainers conducting OSHA 10-hour General Industry outreach training for workers. Since workers 	<p>(資料作成者注：以下左欄の教育訓練コースについては、日本語仮訳を行いませんでした。)</p>

are the target audience, the material emphasizes hazard identification, avoidance, and control - not standards. No attempt has been made to treat the topic exhaustively.	
Other Resources <ul style="list-style-type: none"> ● <i>Association for Manufacturing Technology (AMT)</i>. Accredited Standards Developing Organization (SDO) for the ANSI B11 series of standards for machine tools. 	その他の情報源 <ul style="list-style-type: none"> ● 製造技術協会 (AMT)。ANSI B11 シリーズ工作機械規格の認定規格開発機関 (SDO)