

Development of Safety Devices for Hazardous Machineries

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Abstract

Operations using wood-working machines and press machines have their inherent dangers. oftentimes, accidents result from workers lack of awareness and proper instruction on the safe use of these machineries as well as their disregard on the apparent hazards posed by incomplete machine guarding and other required safety devices for reason that these precautions are uncomfortable and slow down or hinders their productivity.

This study aims to develop three (3) safety devices for wood-working machines and another three (3) safety devices for press machines that is relatively low-cost, practical, effective, and worker-friendly designs. These safety devices will be installed in the pilot companies and tested by the workers themselves. Further, education on the safe operations of these machineries will also be conducted