

TAKE ACTION

Are your machines slowing down production?

How YOU can take action to effectively start improving machine safety in your enterprise.

- USE this leaflet to help develop simple and low-cost improvements.
- EVALUATE the items on the checklist first.
- DECIDE which actions to take.
- TAKE ACTION and IMPROVE your productivity.

What is productive machine safety?

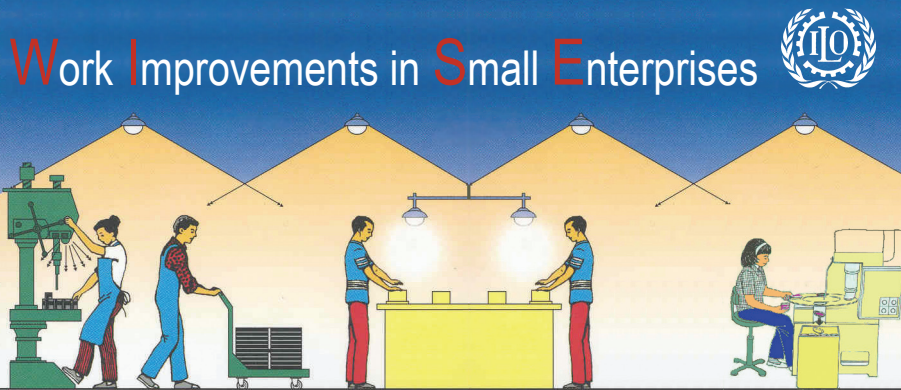
Machines are essential to modern production. However, with increased productivity they bring hazards into the workplace. Machine safety is often ignored because it is seen as costly or inefficient. It is often possible to eliminate a machine hazard while at the same time increase production at low costs.

Why improve machine safety?

- Machine hazards can cause serious injuries, which are always linked to financial losses and human suffering, in addition to risks for the overall business.
- Machines operate slowly because of inefficient feeding and ejection, which causes delays or bottlenecks.
- Avoiding moving parts of machines requires constant operator skill and awareness and can lead to accidents and extra costs – these situations are particularly important for younger workers to avoid because they do not always perceive danger the same way as adults do.

www.ilo.org/wise

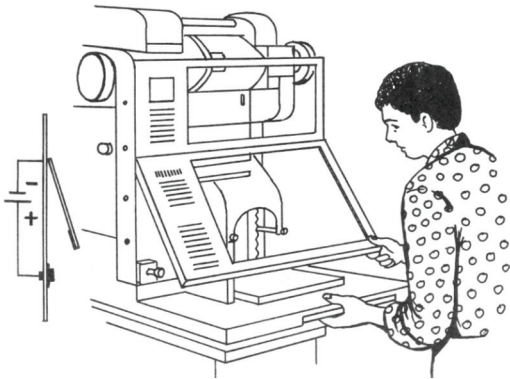
The techniques in this pamphlet are only a few amongst several others that can help to improve your work environment and lead to more productivity. WISE trainers have worked in 44 countries with small and medium enterprises on improving their businesses.



WISE ways to improve your

MACHINE SAFETY

3
training
module



it's easy

it works

it's efficient
at low costs

with clear gains

WISE methodology

The following ILO publications provide detailed information on the WISE methodology:

The Action Manual is designed for entrepreneurs and provides ideas for practical action.

The Trainers' Manual that accompanies the Action Manual explains how to organize and carry out the different training events to improve productivity and working conditions.

Further information

Conditions of Work and
Employment Programme
(TRAVAIL)
Social Protection Sector
International Labour Office
4, route des Morillons
CH-1211 Geneva 22, Switzerland

Tel: +41 22 799 6754
Fax: +41 22 799 8451
E-mail: travail@ilo.org

CHECKLIST

- 1

Attach proper guards to dangerous moving parts of machines and power transmission equipment.
Do you propose action?

No

☐

Yes

☐

Priority

☐
- 2

Use safety devices which prevent operation of machines while the worker's hands are in danger.
Do you propose action?

No

☐

Yes

☐

Priority

☐
- 3

Make sure machines are well maintained and have no broken or unstable parts.
Do you propose action?

No

☐

Yes

☐

Priority

☐

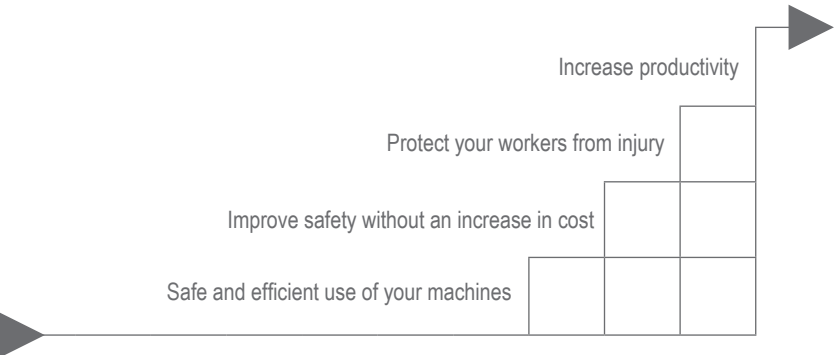
These are just a few of the simple and practical checklist items in the WISE Action Manual.

WISE PROPOSES

Simple methods to improve machine safety

- Eliminate the hazard*
- Remove or substitute the hazard with a less dangerous machine or process.
 - IF this is IMPOSSIBLE, erect guards around the hazard.
 - As a LAST resort, provide personal protective equipment.
- Use feeding and ejection devices to increase productivity and reduce machine hazards*
- Give your machines a productivity check*

WHAT YOU GAIN



A FEW GOOD EXAMPLES

How other companies have improved their productivity and workplace conditions using WISE suggestions



Machine is erected with guards to maintain machine's functions and protect workers using the machine.

Safety goggles are provided to workers who are engaged in activities that could produce flying debris, such as grinding operations. Work-related eye injuries, although preventable, are frequently seen by local medical centres and usually result in work stoppages and decreased productivity.



The inexpensive self-made guard pictured here protects workers from dangerous "nip points", areas where one part rolls against another and where hands or clothing can be caught.



HIGHER PRODUCTIVITY AND A BETTER PLACE TO WORK