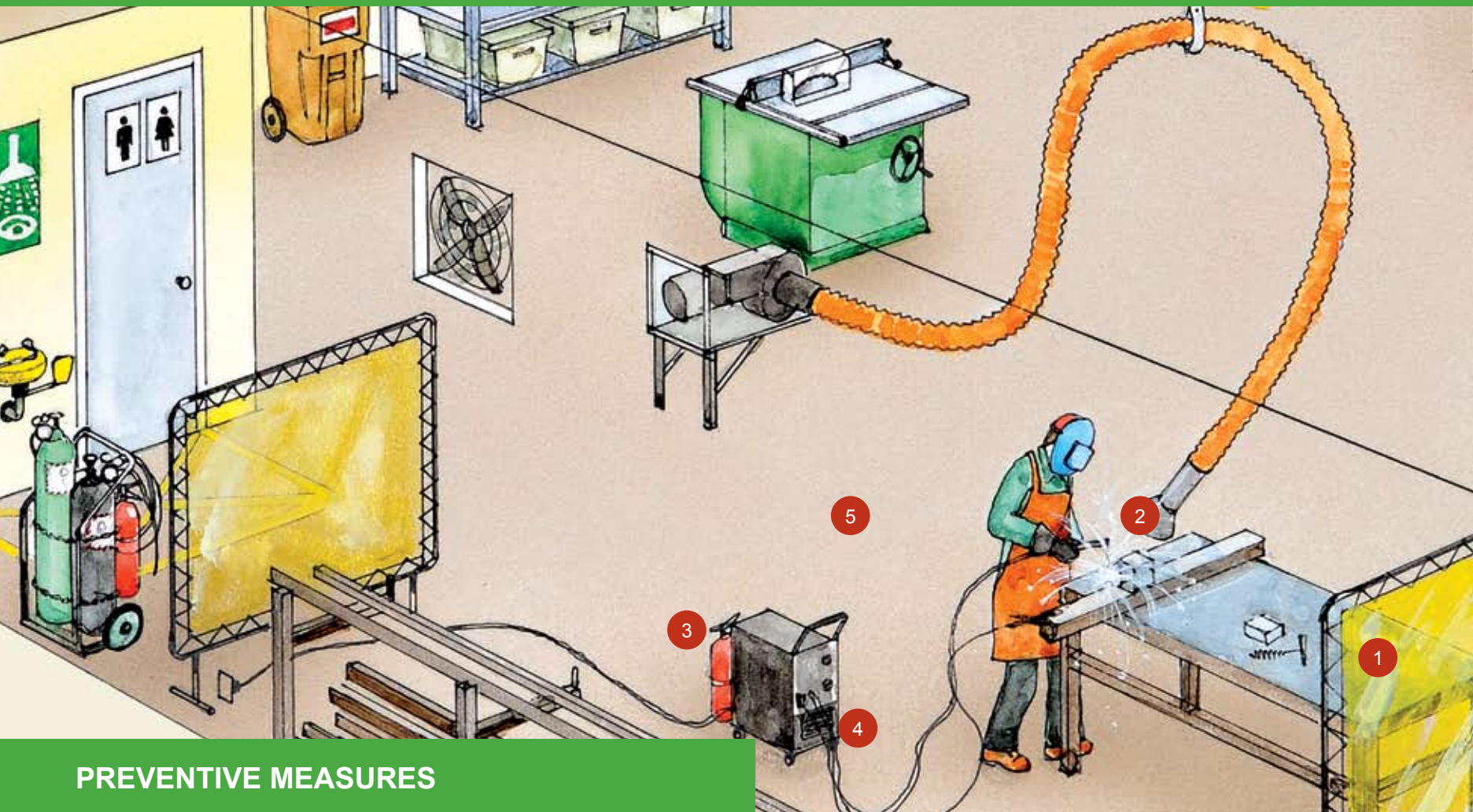


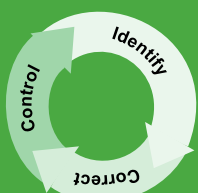
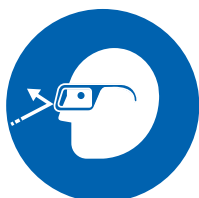
# FARM WORKSHOP: WELDING AND GAS CUTTING



## PREVENTIVE MEASURES

- 1 Protective screen against white-hot, flying particles and intense radiation.
- 2 Collection and evacuation of fumes.
- 3 Accessible fire extinguisher.
- 4 Welding equipment is complete and in good condition.
- 5 Clear working space.

## INDIVIDUAL PROTECTIVE EQUIPMENT TO BE USED, DEPENDING ON THE JOB!



Use the preventive measures that are made available to you!  
Ensure that the preventive measures remain in place and are functional!

For more information,  
see reverse side.

# PRINCIPAL METHODS OF PREVENTION

## USED IN A SAFE WORKSHOP

### THE WORK STATION



- Workers who are welding and cutting have received adequate training.
- The work area is clear of obstructions.
- Combustible and flammable materials are kept more than 15 meters away or protected by fire-resistant screens.
- A portable, ABC-category fire extinguisher is available near the welding area.
- People working or circulating in the vicinity of the welding area are wearing safety glasses with lateral protectors and are also protected by screens against radiation and projection of molten metals.
- The equipment used to capture and evacuate fumes is operating during welding or cutting.
- The maintenance schedule for the welding equipment is available and conforms to the manufacturer's recommendations.

### GAS WELDING AND CUTTING



- The compressed gas tanks are held firmly in a vertical position.
- The welding equipment components are inspected before each use to ensure that they are properly installed, in good condition and that there are no leaks. Among other things, the following should be checked:
  - The gas regulators
  - The gas lines
  - The connections
  - The flashback arrestors
  - The torches

### ELECTRIC ARC WELDING



- The welding machine cables are in good condition and properly attached.
- The electrode holder is in good condition.
- The welding machine is properly grounded.
- The piece to be welded is attached to the return-current cable.
- The work area is dry.

### INDIVIDUAL PROTECTIVE EQUIPMENT (IPE)



- Workers doing welding are protected from flying, molten metals and from intense radiation, by wearing:
  - Fire-resistant clothing closed at the neck and wrists,
  - Fastened safety boots,
  - Leather gloves and aprons,
  - Polycarbonate safety glasses with lateral protectors,
  - A welder's mask equipped with a neck protector and a light-filtering lens adapted to the welding process being used.

*The Regulation respecting Occupational Health and Safety (RSST) contains a chapter on welding and cutting.*



Warning : Preventive methods other than those presented in this poster may be required. Periodically refer to the most recent versions of the laws, regulations and norms in effect.