



Risk Assessment for the Selection of Castell Interlocks

COMPANY NAME: _____ REF. NO. _____

ADDRESS _____

CONTACT: _____ POSITION: _____

MACHINE TYPE/NAME: _____ DATE: _____

STEP 1. COMPLETE AN ANALYSIS OF THIS APPLICATION

A. WHAT ARE THE HAZARDS?

(for a full description of the hazards generated by machinery see EN 292 - 1 Section 4)

Hazards Present - Mechanical

- Crushing _____
- Shearing _____
- Cutting or Severing _____
- Entanglement _____
- Drawing in or Trapping _____
- Impact _____
- Stabbing or Puncture _____
- Friction or Abrasion _____
- High Pressure Fluid Ejection _____

Hazards Present - Electrical

- Contact with live parts _____
- Approach to live parts - high voltages _____
- Electrostatic Phenomena _____
- Thermal radiation _____

Hazards Present - Thermal

- Excessive heat - burns/scolds _____
- Excessive Cold _____

Hazards Present - Radiation

- Low frequency _____
- Radio frequency and micro waves _____
- Infra-red _____
- Visible light _____
- Ultra-violet _____
- X and gamma rays _____
- Alpha, Beta rays, electron or ion beams _____
- Neutrons _____

Hazards Present - Materials and Substances

- Contact with or inhalation of harmful substances _____
- Explosion and fire _____

Hazards Present - Other

- Other hazards. List below _____
- _____
- _____

B. HOW SERIOUS IS THE INJURY?

Record the Maximum Severity of the Possible Injury.

S1 = Slight (normally reversible) injury. S2 = Serious (normally irreversible) injury.

- Fatality _____ (S2)
- Severe injury to torso _____ (S2)
- Amputation of limb _____ (S2)
- Amputation of hand / foot _____ (S2)
- Amputation of toe / finger _____ (S2)
- Severe Laceration _____ (S2)
- Minor Laceration _____ (S1)
- Bruise _____ (S1)

C. WHAT ARE THE ACCESS REQUIREMENTS?

Nature of Access

- Full body access _____
- Full body access - out of sight from gate/control panel _____
- Personnel Safety Key(s) required? _____
- Part body access _____

Frequency/Duration of access

- Frequency of access. Once every _____
- Duration of access _____
- Number of persons entering _____

Select category F1 or F2

- Seldom Access/Short Duration _____ (F1)
- Frequent Access/Long Duration _____ (F2)

Stopping Time

- Minimum time taken to gain access _____
- Maximum machine stopping time _____
- Time delay required _____

D. IS IT POSSIBLE TO AVOID THE HAZARD(S)?

(Select P1 only if there is a realistic chance of avoiding an accident or of significantly reducing its effect)

- Possible _____ (P1)
- Scarcely Possible _____ (P2)

E. WHAT ENERGY SOURCES ARE PRESENT?

- Electrical _____
- Pneumatic _____
- Hydraulic _____
- Potential (e.g. skip hoist, weights) _____
- Other _____

