SAFETY CONCEPTS BOOK

---

**E-Stop**

Diagram showing E-Stop circuit with a button labeled "E-Stop" and a wire connecting to an "M" symbol.
**Safety Concepts Book**

- **E-Stop**: Emergency stop switch
- **START**: Start switch
- **R1**: Relay 1
- **R2**: Relay 2
- **M**: Motor

The diagram shows a control circuit with an emergency stop switch (E-Stop) and a start switch (START). The circuit includes relays (R1 and R2) and a motor (M). The emergency stop switch is connected in series with the start switch to ensure that the machine can be stopped immediately in case of an emergency.

---

**Idea**

- Emergency stop switch must be located at easily accessible locations.
- The emergency stop switch should have a distinguishable color or shape.
- The emergency stop switch should be easily distinguishable from other control switches.

---

**Safety Guidelines**

- Always ensure that the emergency stop switch is readily accessible and visible.
- Regularly test the emergency stop function to ensure its reliability.
- Provide proper training to operators on how to use the emergency stop switch.

---

**Maintenance**

- Regularly check the condition of the emergency stop switch and relays.
- Replace any worn or damaged components immediately.
- Ensure that the emergency stop switch is properly connected to the control circuit.

---

**Legal Compliance**

- Adhere to all local and national safety regulations regarding emergency stop systems.
- Ensure that the emergency stop system meets the standards set by the relevant authorities.

---

**Contact**

- For further assistance, contact the manufacturer or a qualified electrician.
- Keep all documentation and records related to the emergency stop system.
図の説明
- E-Stopスイッチを押すと、機械が停止する。
- R1、R2、R3のボタンを押すと、機械が動作する。
- K1、K2のスイッチを押すと、機械が停止する。
- Mは電動機を示す。