

SAFE CAMPAIGN FOR SAFETY AND HEALTH IN THE WORKPLACE



Regione Umbria



In cooperation with:

Regional Steering Committee for Health and Safety in the Workplace

Prepared by:

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INAIL - Umbria

Regional Directorate of Umbria

Via G.B. Pontani 12 - 06128 Perugia
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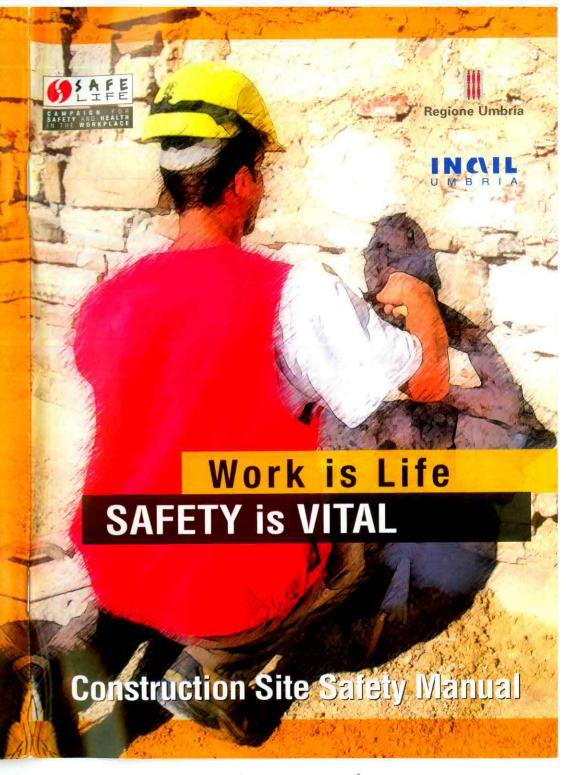
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May 2007

Work is Life SAFETY is VITAL





# Regione Umbria



# SAFETY is VITAL

This brochure is once again the fruit of joint work performed by the Umbria Region Councillorship for Health and the Regional Management of INAIL-Umbria which, together with the Labour Unions, Joint Committees and cultural mediators, consider safeguarding worker health a top priority. And this is particularly important for those workers who come from countries that are far removed from ours I not only geographically but above all in terms of culture and traditions II as they can be at a disadvantage in a work environment that is as difficult as that of the construction industry.

The main goal is to call attention to the leading hazards that construction work poses and to provide indications on the measures to be adopted to eliminate them or reduce them to the barest minimum.

It was also deemed important to remind workers of their rights and responsibilities, focusing attention on how safety in the workplace can only be achieved with the contribution of all parties involved, starting from the employer and continuing all the way to the individual worker.

Anna Innocenti Regional Director INAIL Umbria

Maurizio Rosi Councillor for Health Umbria Region

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# SAFETY IN THE CONSTRUCTION SITE

Legislative decrees 626/94 and 494/96 (specific for the construction industry) introduced a new way to organize safety. Safety is no longer considered solely the employer's responsibility but a group of figures were also called on to work together and to work with the employer.

To implement prevention, one needs to know what the dangers are and what associated risks can ensue. All parties must then participate in eliminating or reducing the identified risks and exposure to the barest minimum.

### THE PARTIES

### TO SAFETY

# The project coordinator (appointed by the client)

Draws up the safety and coordination plan (SCP) and evaluates the risks the workers will be exposed to.

### The works coordinator

Checks that the SCP is applied, notifies the client or works manager of any non-compliance by the contractors and suspends the work in cases of serious, imminent danger.

### The employer

- Evaluates the risks in the construction site and draws up the safety operating plan (SOP).
- Appoints the employees charged with emergency management (assigned to evacuation, first aid, fire-fighting) and provides them with adequate training.
- Ensures the presence of bathroom facilities, dressing rooms and mess facilities.
- ⇒ Provides the workers with suitable protective equipment, both personal (PPE) and collective.

### The labour safety representative (LSR)

Elected or designated by the workers to represent them in safety questions; for companies with 15 or fewer employees, this person can be identified within the territory (LSRT).

- ⇒ He is consulted in questions regarding the assessment of risks, programming prevention, training workers, designating the persons assigned to fire prevention and first aid and evacuation activities.
- He receives the corporate information and documentation on risk assessment.
- ⇒ He participates at periodic meetings with the employer, the Prevention & Protection Service Manager and the competent physician.
- ⇒ He informs the employer of any risks identified during the course of his work.

### The competent physician

He cooperates with the employer and with the Prevention & Protection Service in arranging and implementing measures to safeguard worker health and provides preventative, periodic assessment of the workers' health, evaluating their ability to perform their jobs.

### Prevention & Protection Service Manager (PPSM)

He evaluates the risk factors, identifies the safety measures and determines the healthiness of the workplace. He also proposes information and training programs for the workers.

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Construction Site Safety Manual .

### WORKER RIGHTS

### The workers must

- ⇒ Work in a safe workplace outfit with all necessary equipment (bathroom facilities, dressing rooms, etc.).
- Be informed of the specific risks inherent in the workplace.
  - Be specifically **trained** for the job to be performed.
  - ⇒ Be provided with suitable personal and collective protective equipment.
    - ⇒ Name their own Safety Representative (LSR/T).
  - Undergo medical check-ups, both preventative to determine suitability for the job and periodic.
    - Be given suitable machinery and equipment to perform their job.

### The workers must

Safeguard their own safety and health and that of the other persons present in the workplace who could be affected by their actions and omissions; this must be done in line with the training, instructions and equipment provided by the employer.

WORKER

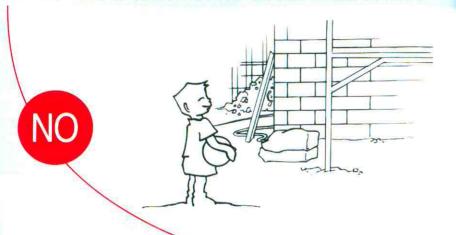
RESPONSIBILITIES

- Dbserve the provisions issued by the employer, the managers and foremen in order to protect collective and individual safety.
  - Correctly use the equipment placed at their disposal (machinery, equipment, tools, instruments, safety devices).
- Notify the employer of any deficiencies in the equipment and devices provided to them and any dangerous conditions they become aware of.
  - Never remove or modify the safety signals or control devices without prior authorization.
  - Never perform any operations that are not part of their job and which could place them or others in jeopardy.
    - Undergo the health care check-ups planned.
- Participate in the information meetings and training courses.
  - Contribute, together with the employer, managers and foremen to comply with all requirements established by the competent authorities and in any way necessary to protect worker health and safety.

Construction Site Safety Manual

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### CONSTRUCTION SITE ORGANIZATION

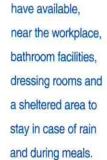




The site must be securely fenced off before starting work.

YES

Risk: unauthorized persons gaining access to the work area

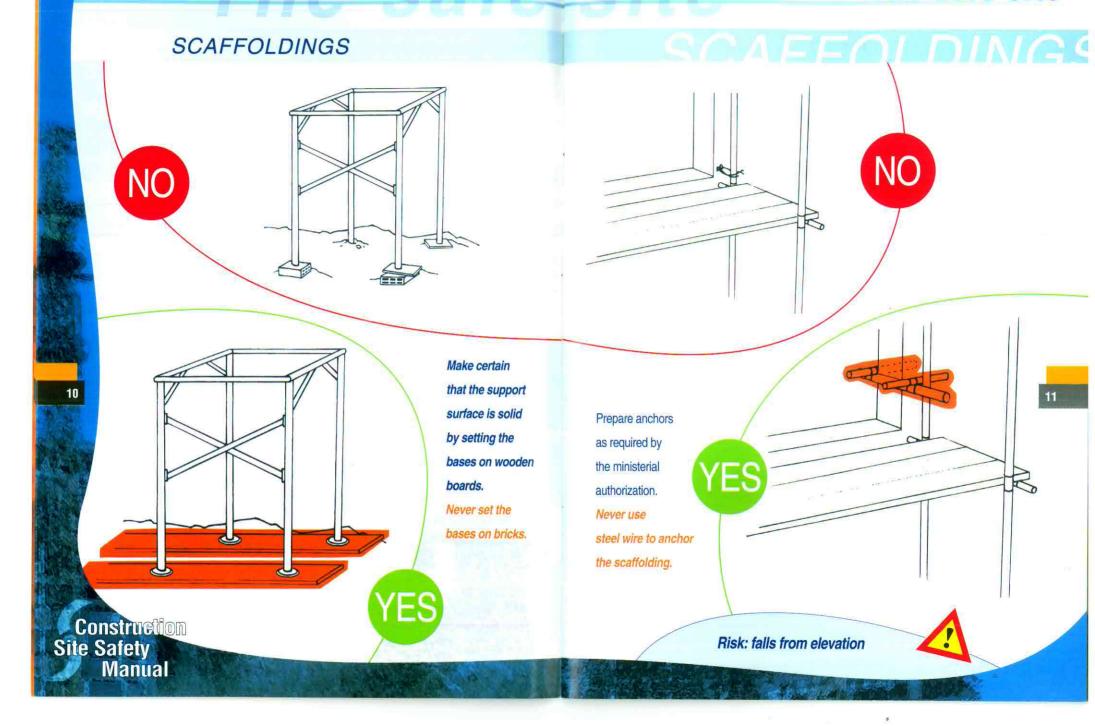


The workers must

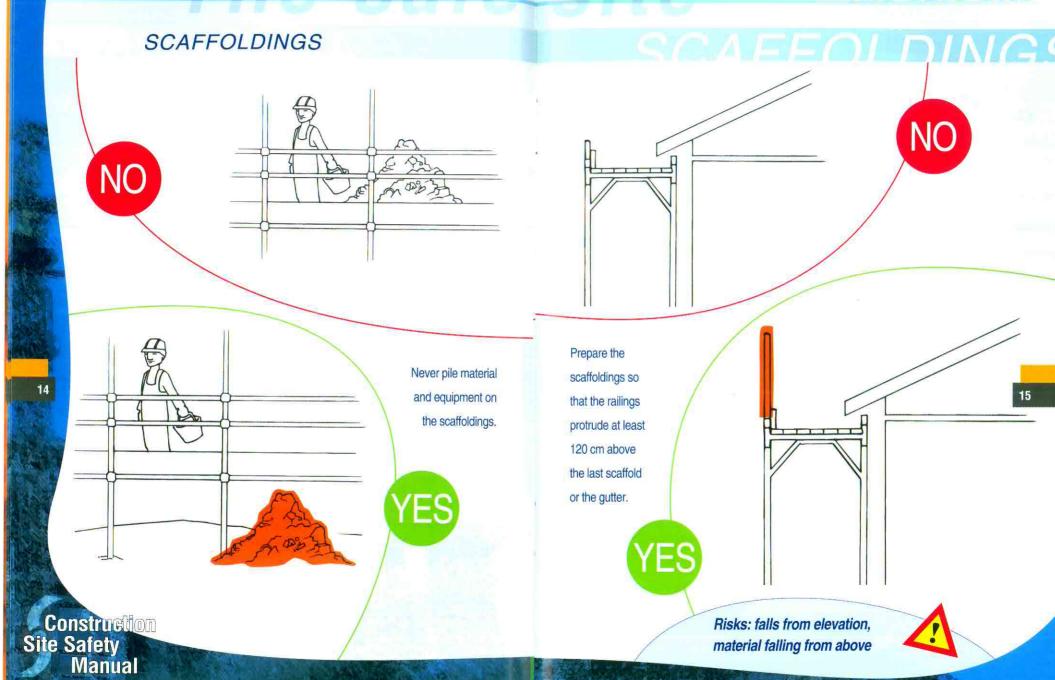


Risks for worker health and hygiene

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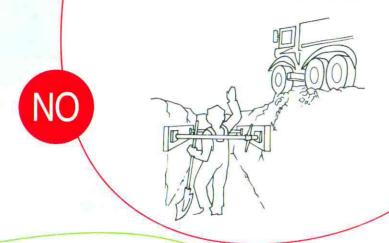


## SCAFFOLDINGS NO 12 Prepare the guardrails so that they are Arrange the at least one meter scaffolding posts high, with a toeboard so that they are that is at least 20 cm not more than high and with not more 20 cm from the than 60-cm clearance building. between rails. < 20 cm Risks: falls from elevation, Construction Site Safety Manual material falling from above Risk: falls from elevation



### EXCAVATION AND EARTH-MOVING

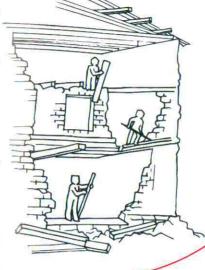
### **DEMOLITION**



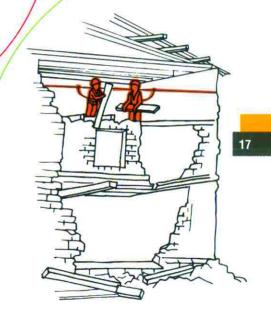
When digging wells or trenches, apply formworks as the excavation proceeds and make certain that they protrude beyond the edge by at least 30 cm.

YES

levels. Follow the



Always start demolition from the top and work down, making certain that no one is working or present on the lower indications given in the demolition plan.

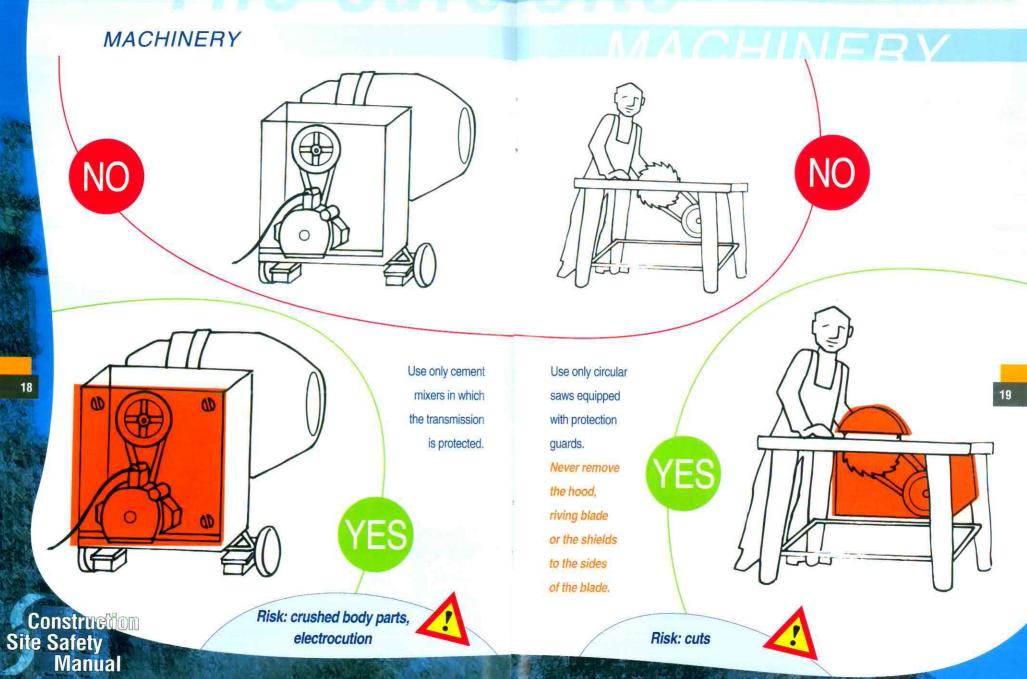


NO

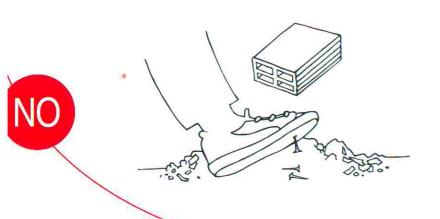
Risk: being buried

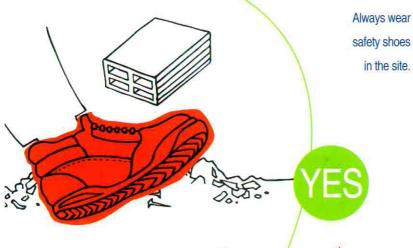


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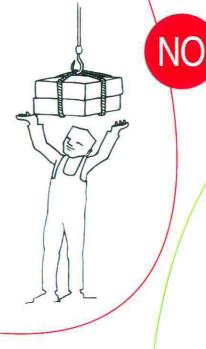


### PERSONAL PROTECTIVE EQUIPMENT





PERSONAL PRO



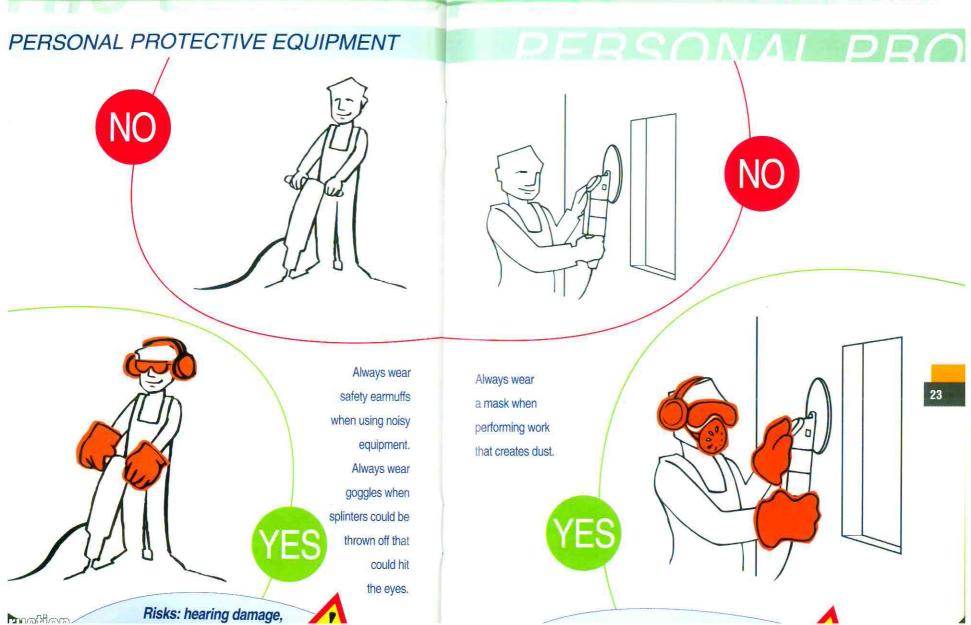
Always wear a hardhat when there is the risk of falling objects or hitting your head against something.



Risks: puncture wounds,

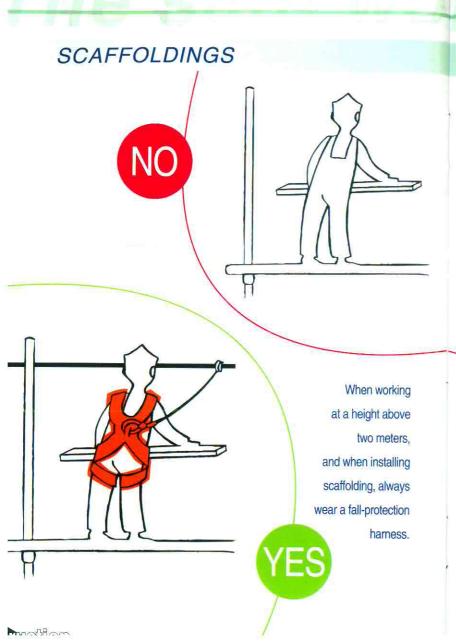
vounds.

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SCAFFOLDING

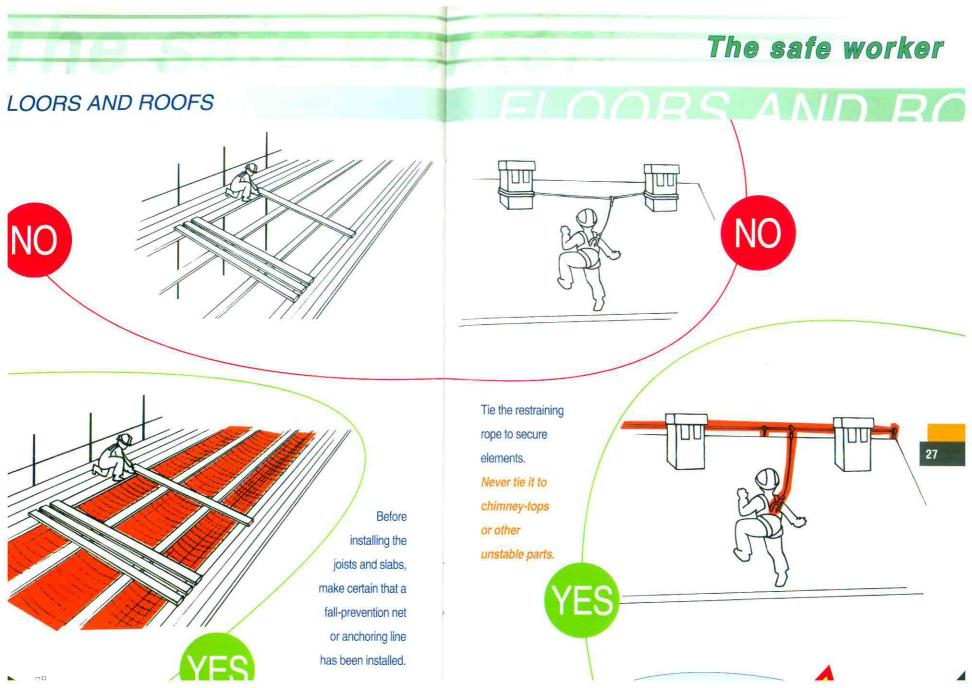
NO



Lock the wheels
before climbing up to
the work level which
must be fit with a railing
and an underlying
scaffold level within
2.50 meters.

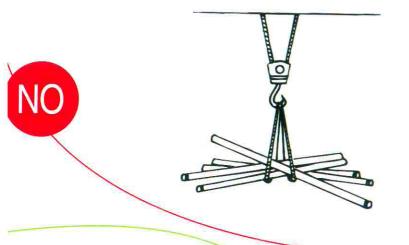
Never move the
scaffolding while
people are on it.





### OVERHEAD LOADS

TO WASHINGTON



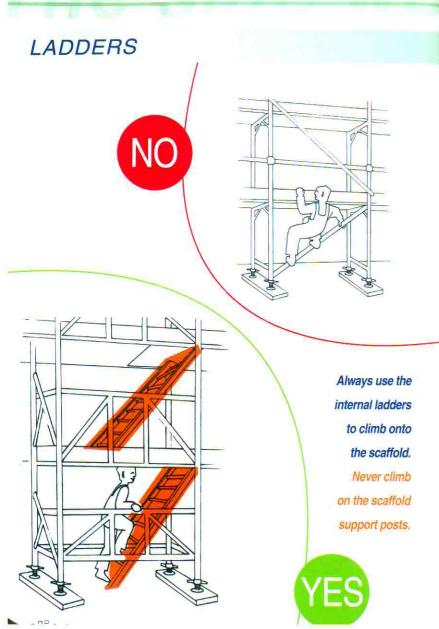


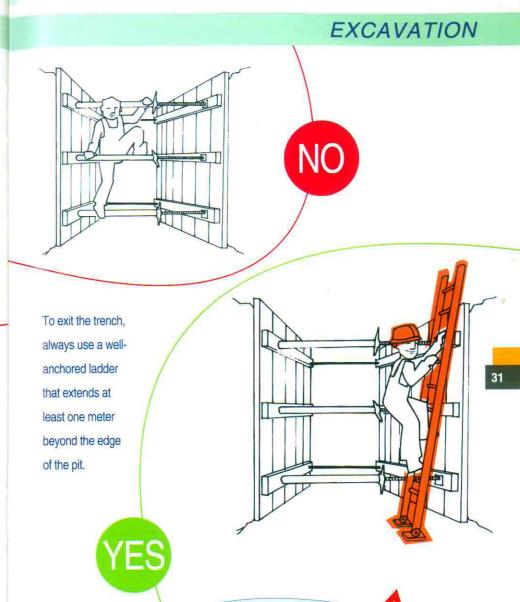
YES

Anchor trestle
hoists so that
they will not tip
over when lifting
the loads.
Never use
bricks as
counterweights.

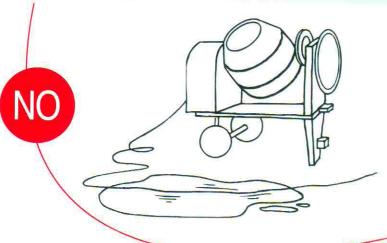


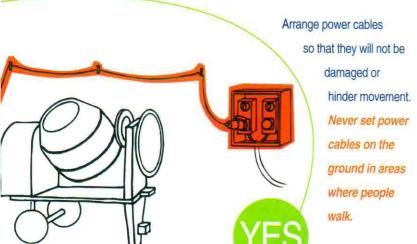
NO

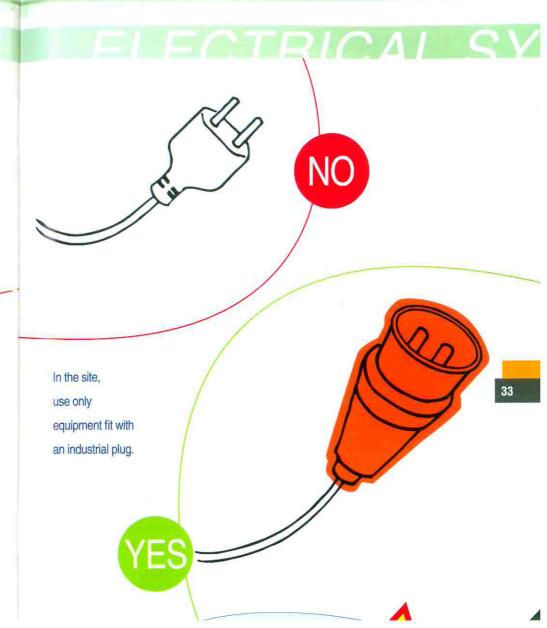




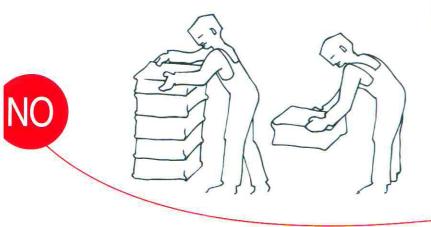
### **ELECTRICAL SYSTEMS**







### HANDLING LOADS



Never lift loads
with straight legs.

Always bend
knees to lift
loads.

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NO

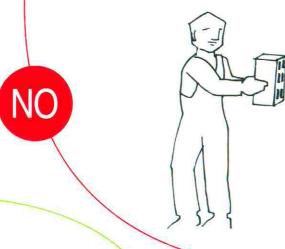






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### HANDLING LOADS



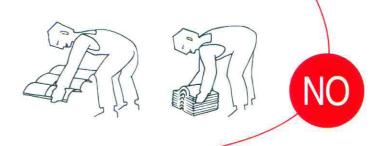


the weight close

Never twist the spine while handling a load. Always turn by moving your feet and hold

to your body.





Bend knees when setting down loads.







### Useful contacts

### INAIL

The National Insurance Institute for Occupational Injuries (INAIL) safeguards workers against injury and professional diseases, providing health care services (medical-legal and specialist examinations, diagnostic tests, etc.), economic aid (daily compensation, indemnity or income) and support when returning to the workforce.

#### in Perugia

Via G. Battista Pontani, 12 - 06128 Perugia Tel. 075/50151 - Fax 075/5015677 - perugia@inail.it

#### in Foliano

Via N. Sauro, 4 - 06034 Foligno (PG) Tel. 0742/328311 - Fax 0742/328343 - foligno@inail.it

#### in Città di Castello

Via Piero della Francesca - 06010 Città di Castello (PG) Tel 075 8627641 - Fax 075 8627636 - cittadicastello@inail.it

#### in Terni

Via F. Turati, 18 - 05100 Terni Tel. 0744/207211 - Fax 0744/207251 - terni@inail.it

#### in Orvieto

V.le I Maggio, 73 - 05019 Orvieto (TR) Tel. 0763/392401 - Fax 0763/392430 - orvieto@inail.it

#### Azienda Sanitaria Locale n. 1 - SPSAL

Piazza Giovanni XXIII - 06012 Città di Castello Tel 075/8509376 - Fax 075/8553542

#### Azienda Sanitaria Locale n. 2 - SPSAL

Via della Pallotta, 12 - 06126 Perugia Tel. 075/5412431

#### Azienda Sanitaria Locale n. 3 - SPSAL

Via del Campanile, 12/D - Foligno Tel. 0742339522 - Fax 0742339519

#### Azienda Sanitaria Locale n. 4 - SPSAL

Via F.Cesi, 22 - 05100 Terni Tel. 0744/204907 - Fax 0744/204900

### THE REGIONAL **HEALTH CARE** SERVICE

At the region's four Local Health Care Units, the Servizi di Prevenzione e Sicurezza (SPSAL - Prevention and Safety Services) provide controls and on-site inspections in the workplace to ensure that the safety standards are correctly applied.

For all health care emergencies call



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### LABOUR DIRECTORATES

The labour directorates oversee compliance with all laws regarding labour relations. correct application of collective contracts and, in construction, the standards governing occupational health and safety.

Direzione Regionale del lavoro per l'Umbria

Via Palermo, 110 - 06129 Perugia Tel 075/583131

#### Direzione Provinciale del lavoro di Perugia

Via Palermo, 106 - 06129 Perugia Tel. 075/5838439

Direzione Provinciale del lavoro di Terni

Via Muratori, 10 - 05100 Terni Tel. 0744/421148

#### in Perugia

Via Pietro Tuzi, 11 - 06128 Perugia Tel. 075/5156132 - www.cptperugia.it

#### in Terni

Vocabolo Fiori, 116 - 05100 Terni Tel. 0744/421746

### **TERRITORIAL JOINT** COMMITTEES

These committees provide consultation and support to construction companies and workers in questions of construction site risks and placing the worksite in safe conditions. They also provide mandatory training on safety.

### THE LABOUR

The Unions provide workers with consultation regarding their rights, contracts and salaries.

UNIONS

### CIGL - Camera del Lavoro di Perugia

Via Bellocchio, 26 - 06128 Perugia Tel. 075/506981 - Fax 075/5008271 - perugia@mail.cgil.it

#### CIGL - Camera del Lavoro di Terni

Via San Procolo, 8 - 05100 Terni Tel. 0744/4961 - Fax 0744/406410

Via Campo di Marte, 4/N-5 - 06124 Perugia Tel. 075/5057723

Via Ruggero D'Andreotto, 5/A - 06124 Perugia Tel 075/5730115