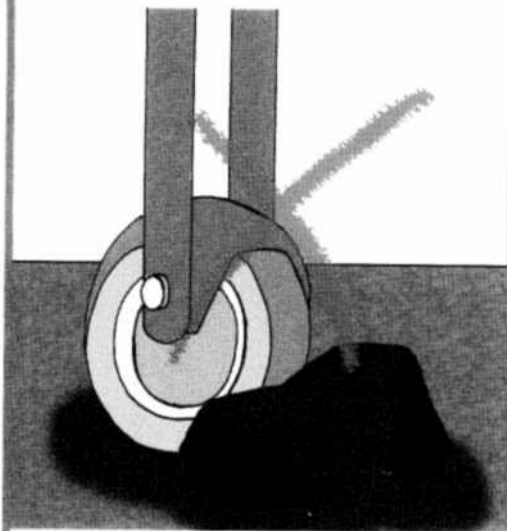


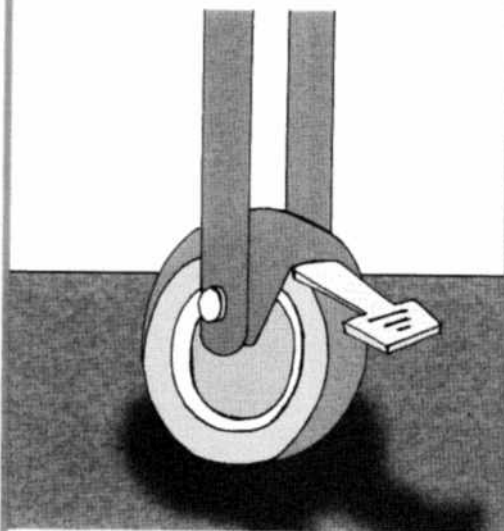
MOBILE SCAFFOLD



IMPALCATO MOBILE

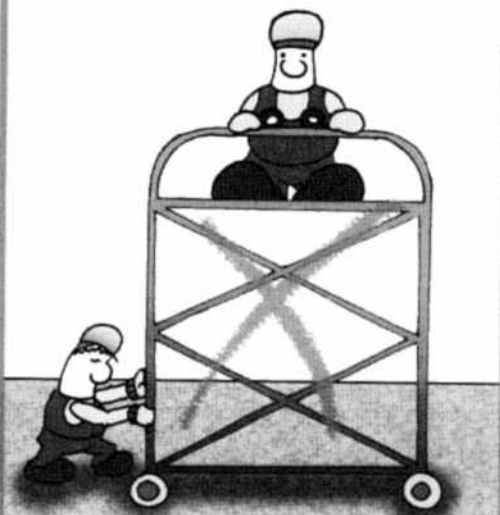
SIEMENS

MOBILE SCAFFOLD



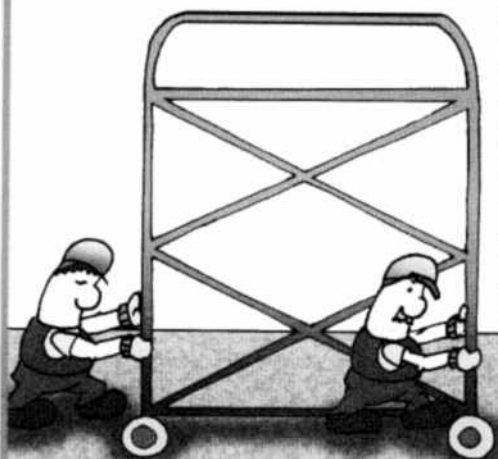
IMPALCATO MOBILE

MOBILE SCAFFOLD



IMPALCATO MOBILE

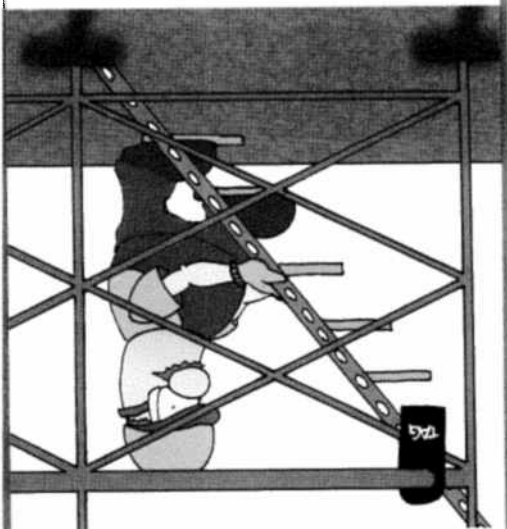
MOBILE SCAFFOLD



IMPALCATO MOBILE

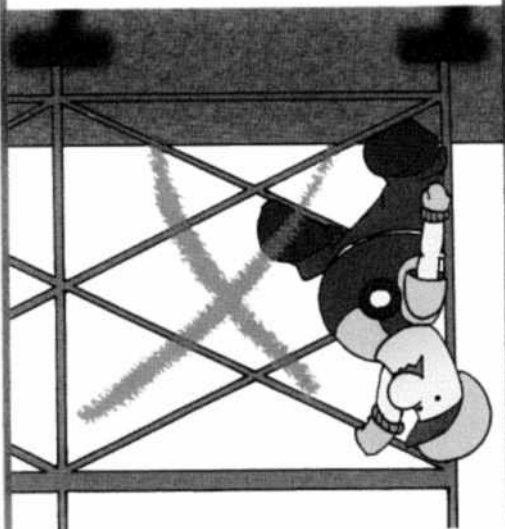
SIEMENS

IMPALCATI



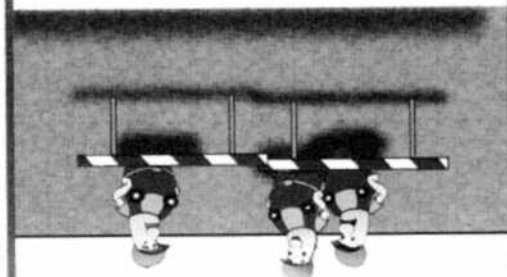
SCAFFOLDS

IMPALCATI



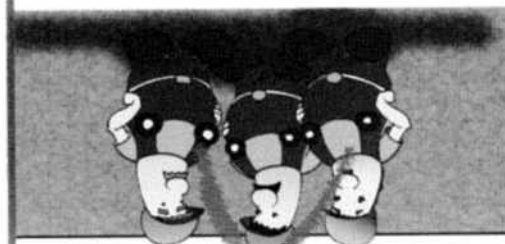
SCAFFOLDS

SOLLEVAMENTI



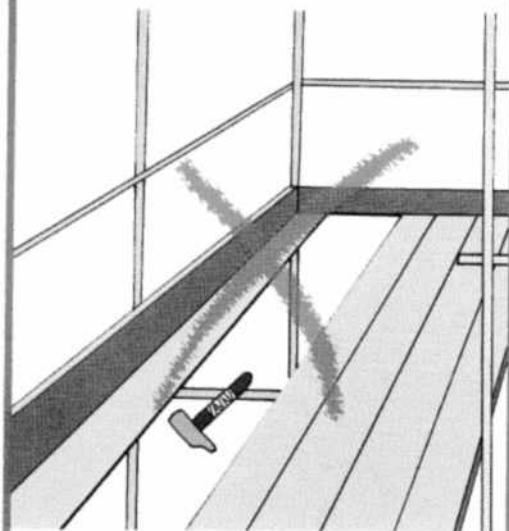
LIFTING

SOLLEVAMENTI



LIFTING

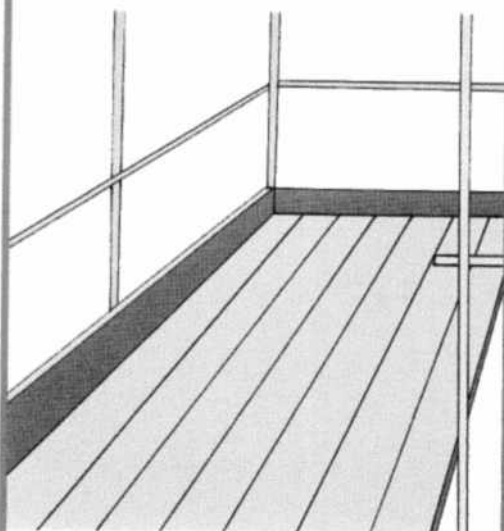
SCAFFOLDS



IMPALCATI

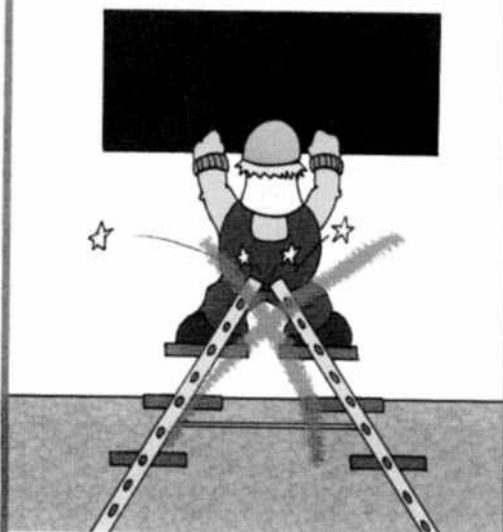
SIEMENS

SCAFFOLDS



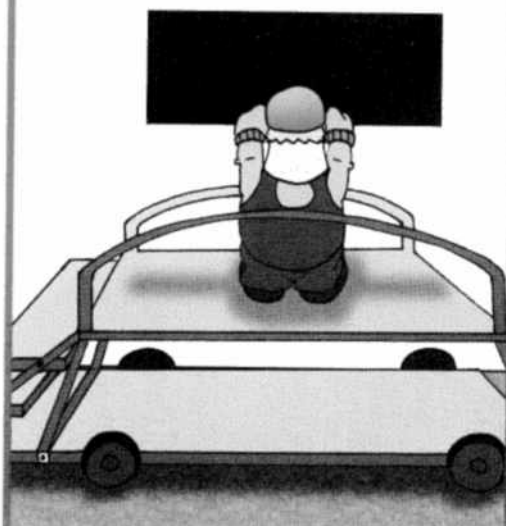
IMPALCATI

WORK PLAN



PIANO DI LAVORO

WORK PLAN



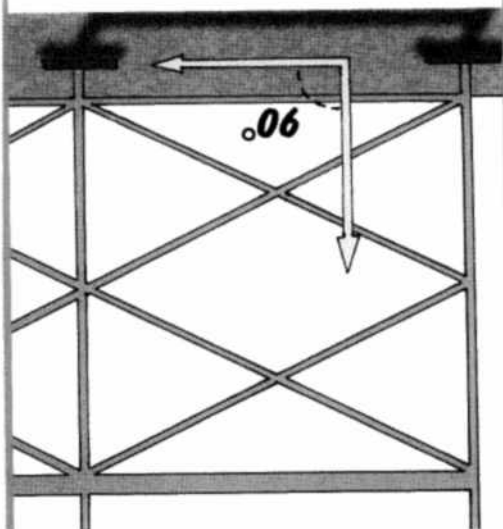
PIANO DI LAVORO

SIEMENS

IMPALCATI

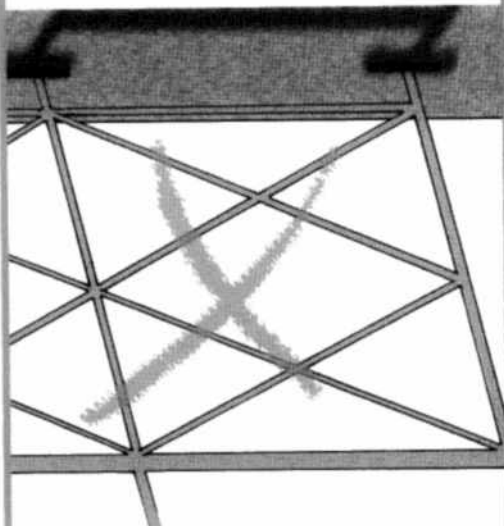
90°

SCAFFOLDS



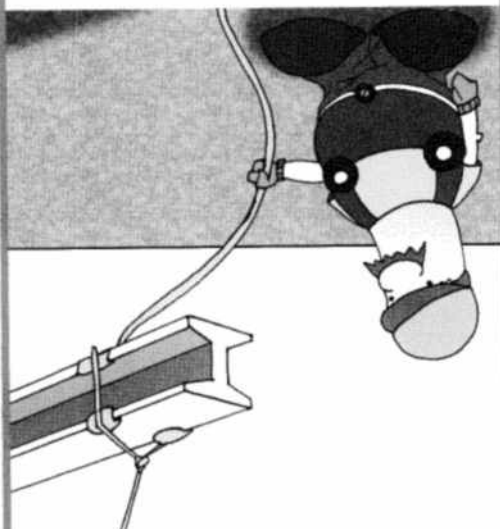
IMPALCATI

SCAFFOLDS



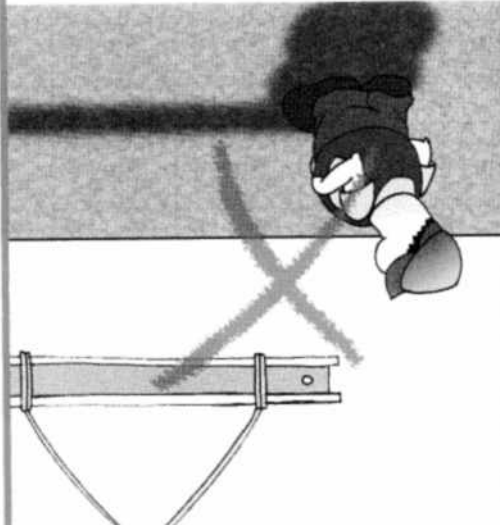
SOLLEVAMENTI

LIFTING

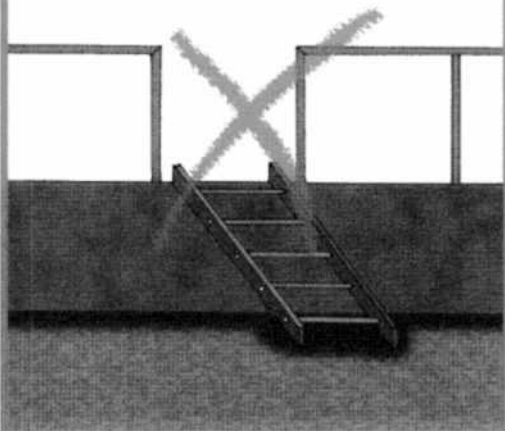


SOLLEVAMENTI

LIFTING



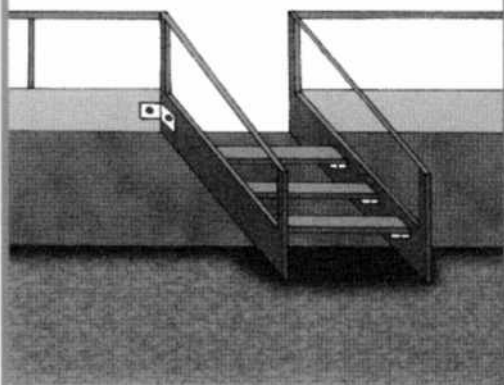
LADDERS



SCALE

SIEMENS

LADDERS



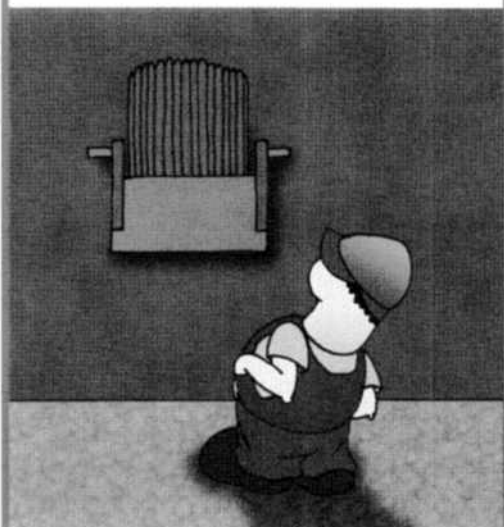
SCALE

LIFTING



SOLLEVAMENTI

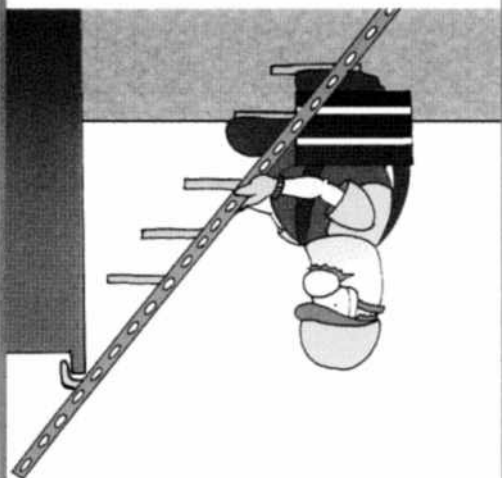
LIFTING



SOLLEVAMENTI

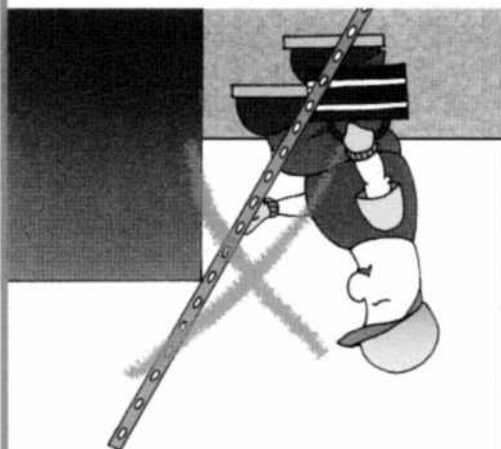
SIEMENS

SCALE



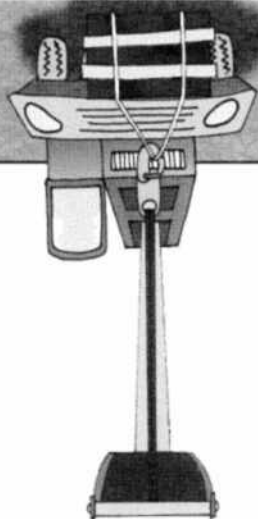
LADDERS

SCALE



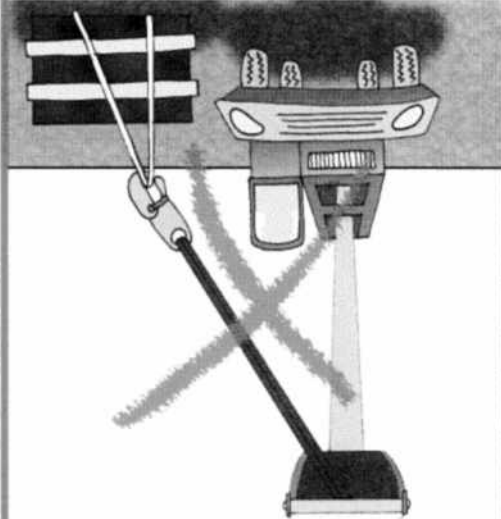
LADDERS

SOLLEVAMENTI



LIFTING

SOLLEVAMENTI



LIFTING

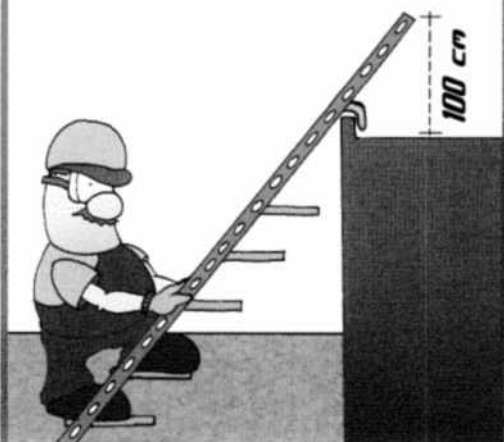
LADDERS



SCALE

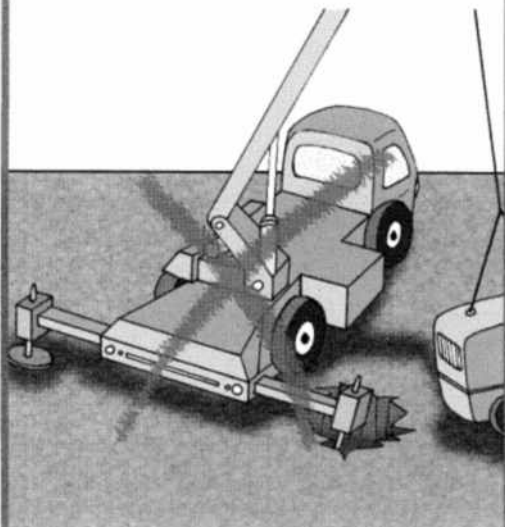
SIEMENS

LADDERS



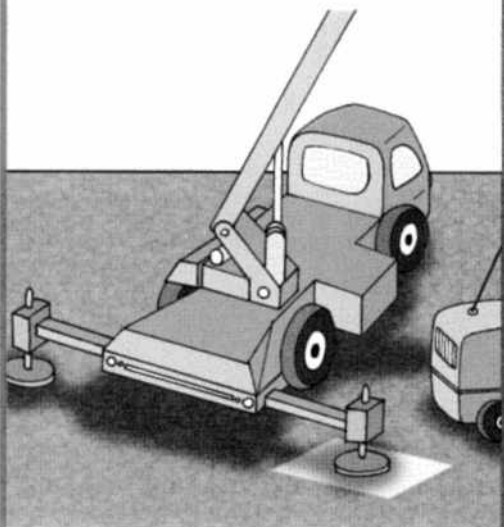
SCALE

LIFTING



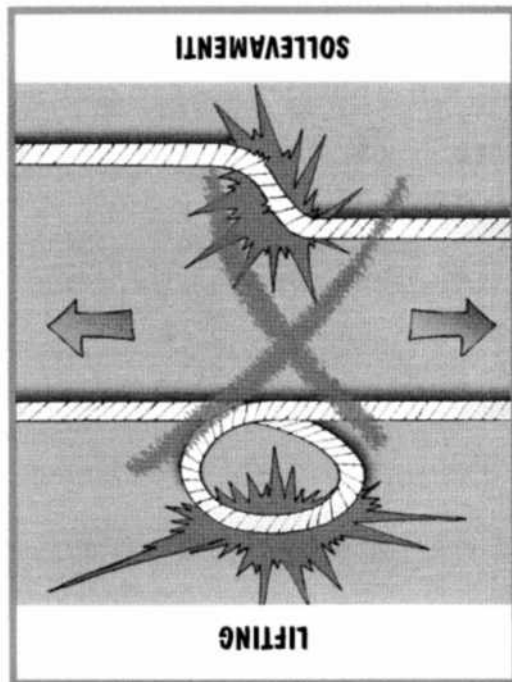
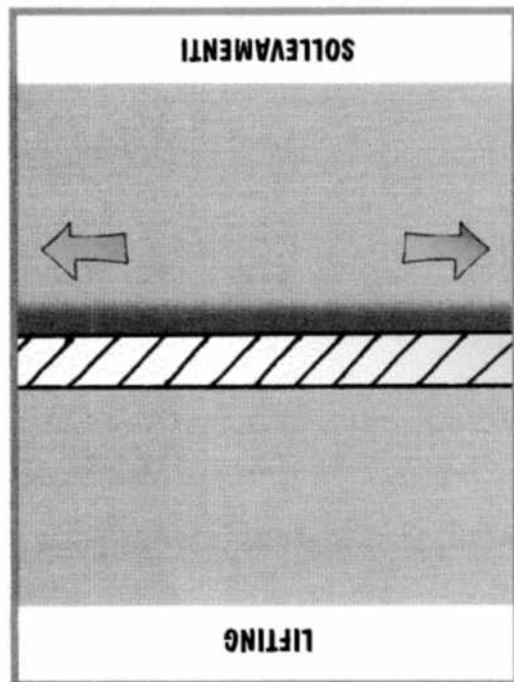
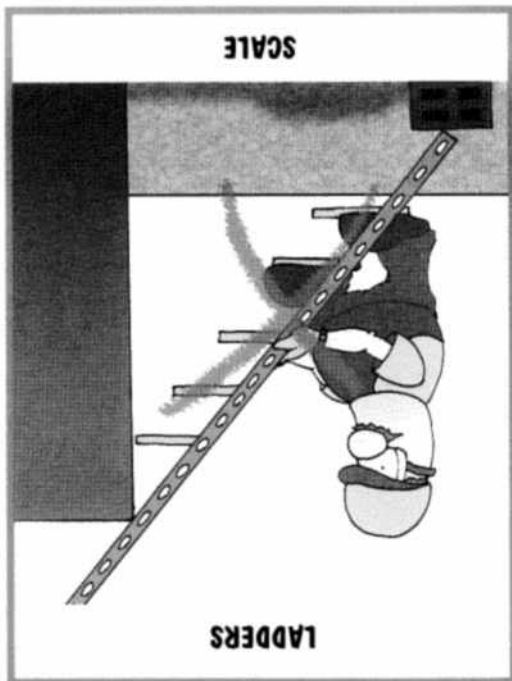
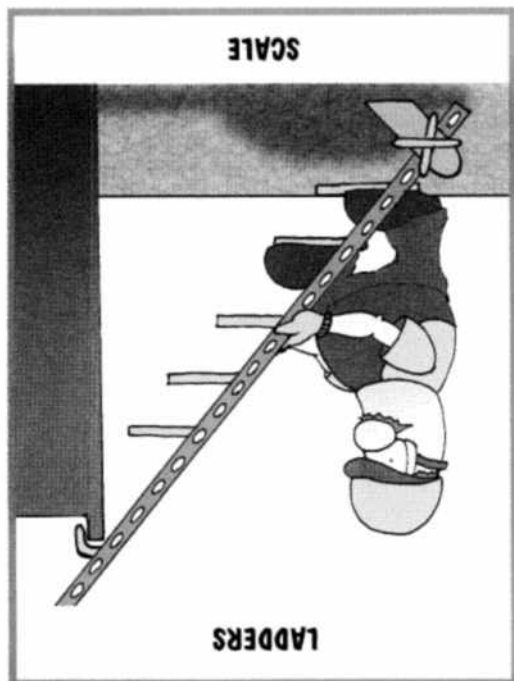
SOLLEVAMENTI

LIFTING



SOLLEVAMENTI

SIEMENS



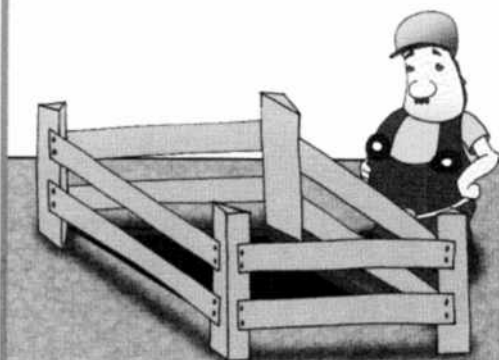
TRAPS



BUCHE

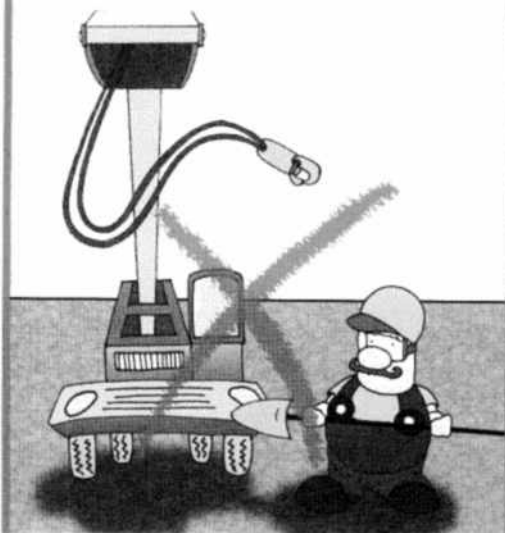
SIEMENS

TRAPS



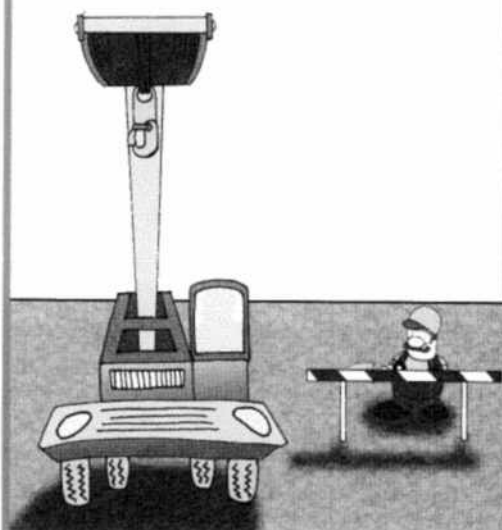
BUCHE

LIFTING



SOLLEVAMENTI

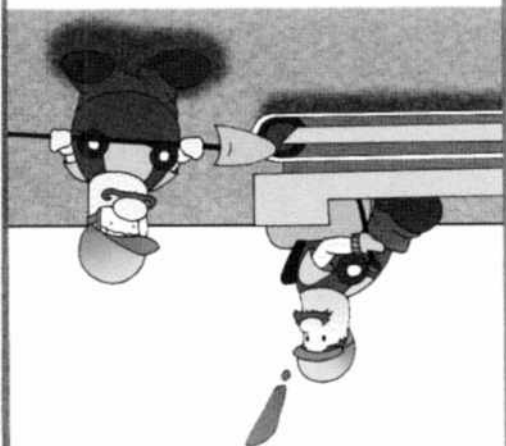
LIFTING



SOLLEVAMENTI

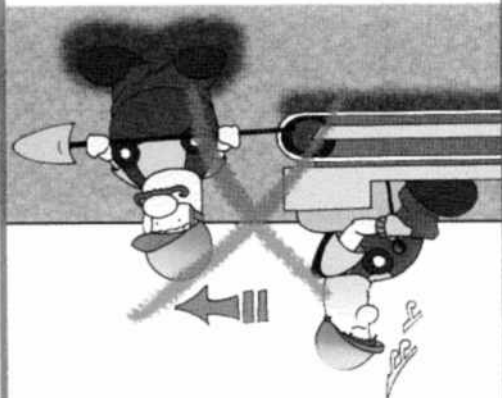
SIEMENS

MEZZI D'OPERA IN MOVIMENTO



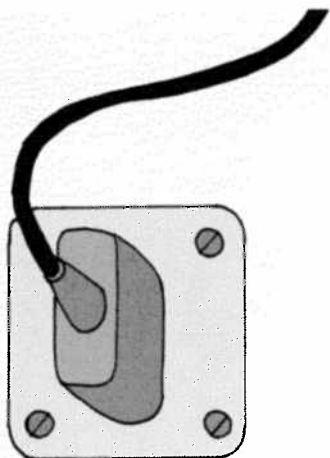
CIVIL WORKS

MEZZI D'OPERA IN MOVIMENTO



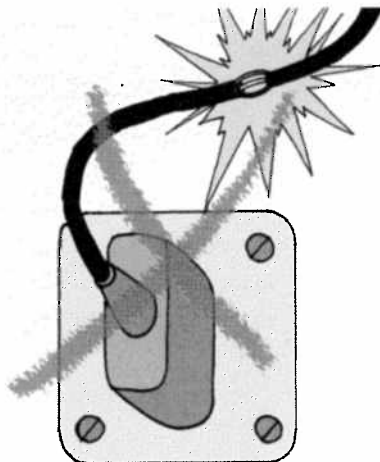
CIVIL WORKS

FORZA MOTRICE



ELECTRICAL

FORZA MOTRICE



ELECTRICAL

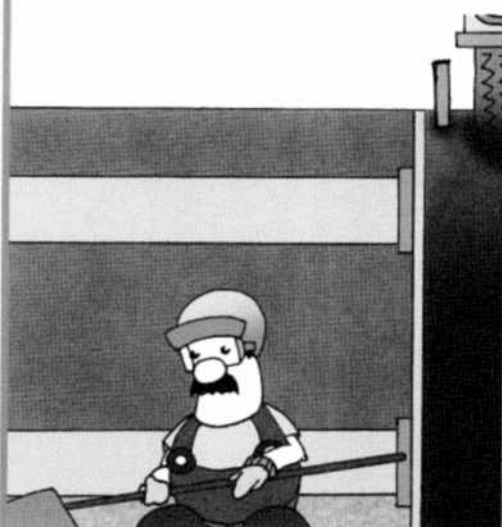
EXCAVATION



SCAVI

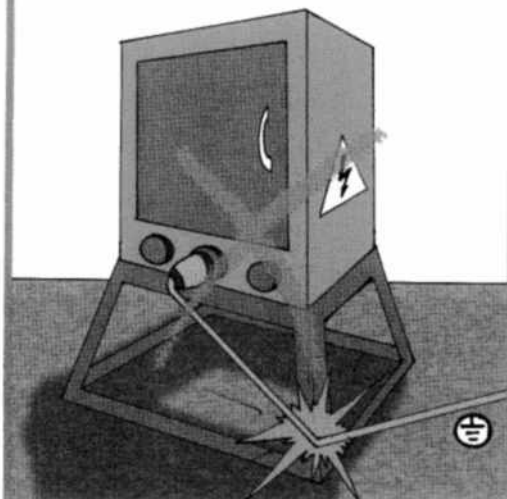
SIEMENS

EXCAVATION



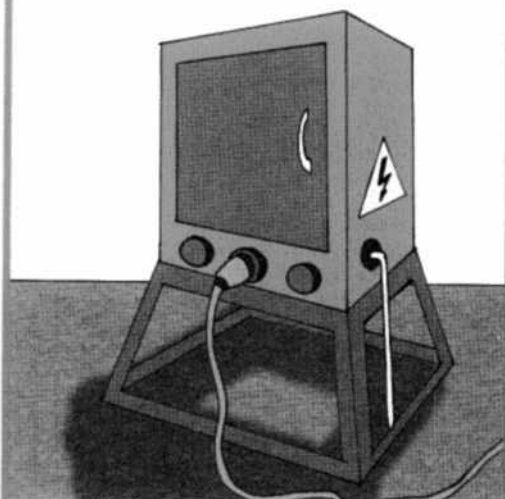
SCAVI

ELECTRICAL



FORZA MOTRICE

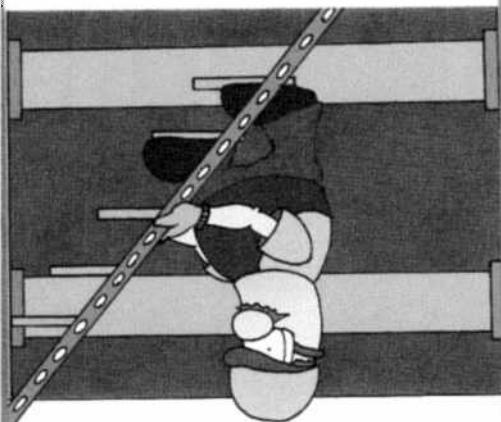
ELECTRICAL



FORZA MOTRICE

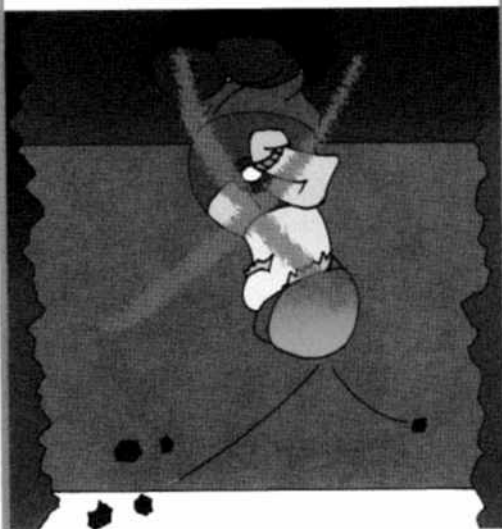
SIEMENS

SCAVI



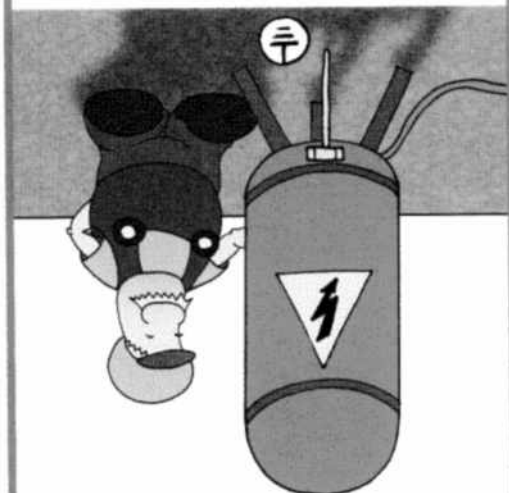
EXCAVATION

SCAVI



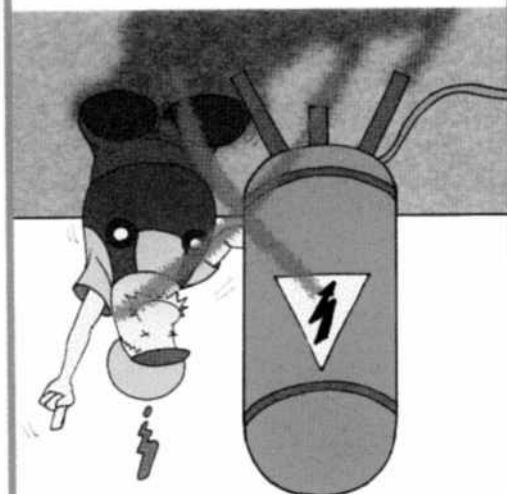
EXCAVATION

MESSA A TERRA



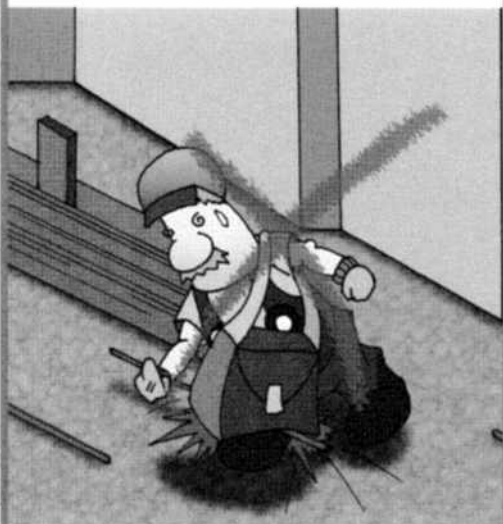
ELECTRICAL GROUNDING

MESSA A TERRA



ELECTRICAL GROUNDING

HOUSEKEEPING



PULIZIA

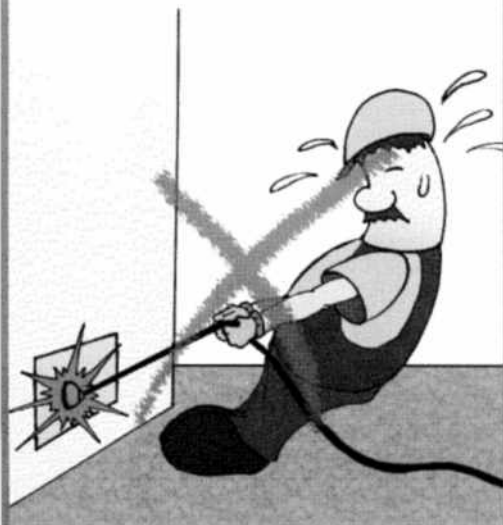
SIEMENS

HOUSEKEEPING



PULIZIA

ELECTRICAL



FORZA MOTRICE

ELECTRICAL

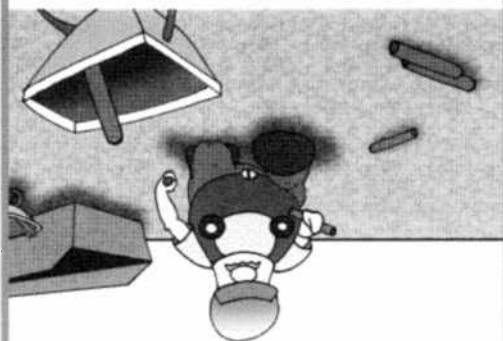


FORZA MOTRICE

SIEMENS

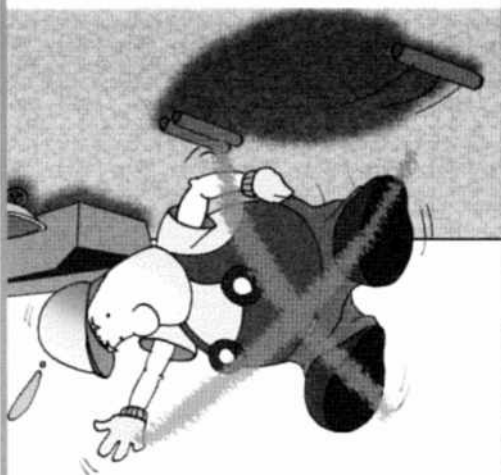
SIEMENS

PULIZIA



HOUSEKEEPING

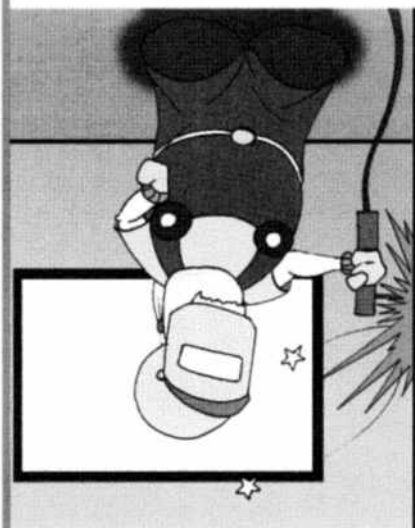
PULIZIA



HOUSEKEEPING

SIEMENS

SALDATURA



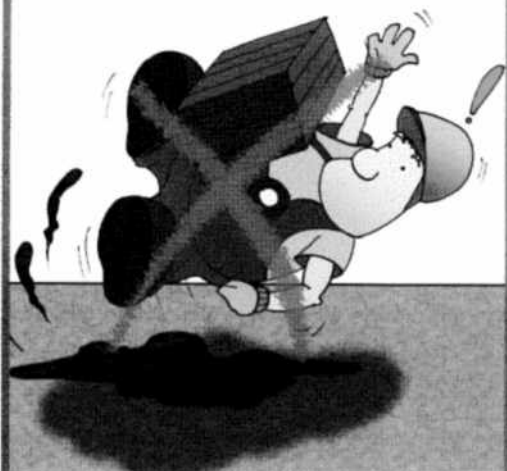
WELDING

SALDATURA



WELDING

HOUSEKEEPING



PULIZIA

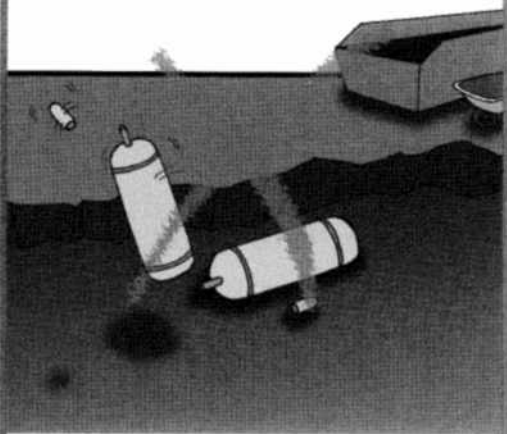
SIEMENS

HOUSEKEEPING



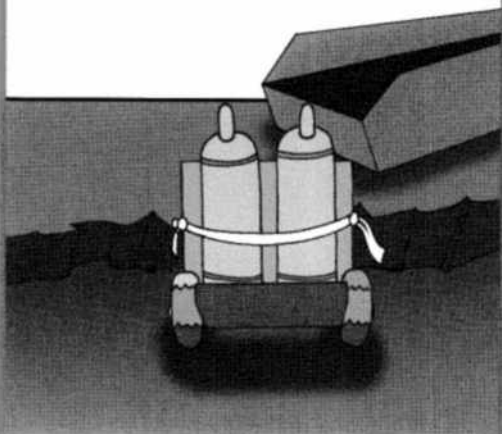
PULIZIA

COMPRESSED CYLINDER



GAS COMPRESSI

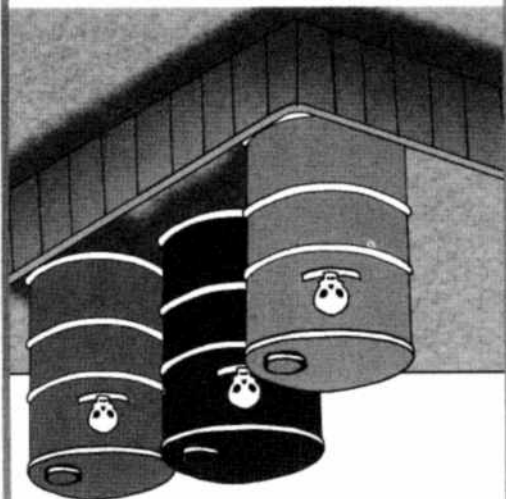
COMPRESSED CYLINDER



GAS COMPRESSI

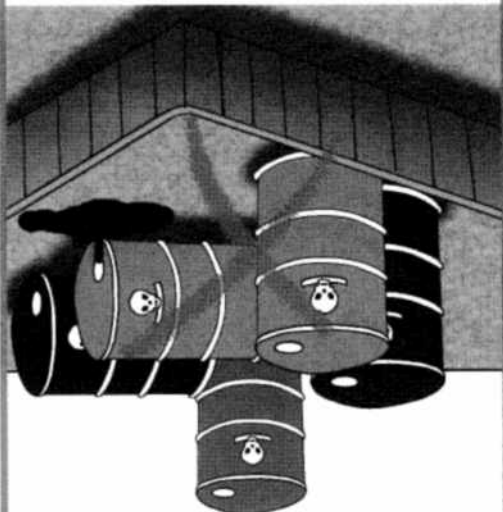
SIEMENS

PRODOTTI CHIMICI



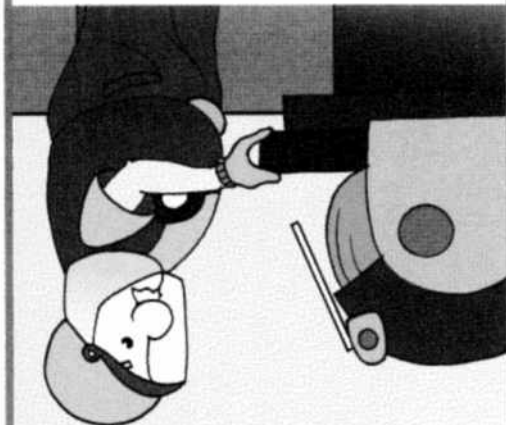
CHEMICAL

PRODOTTI CHIMICI



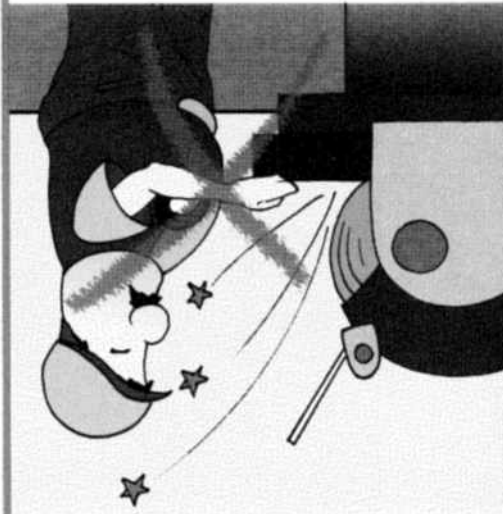
CHEMICAL

MOLATURA



GRINDING

MOLATURA



GRINDING

NO ALCOHOL & DRUG REGULATION



DIVIETO DI ALCOLICI E DROGHE

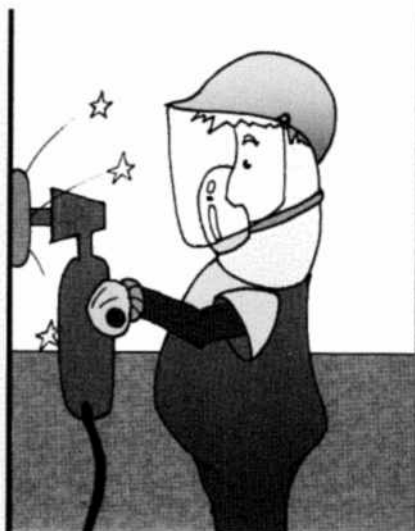
SIEMENS

GRINDING



MOLATURA

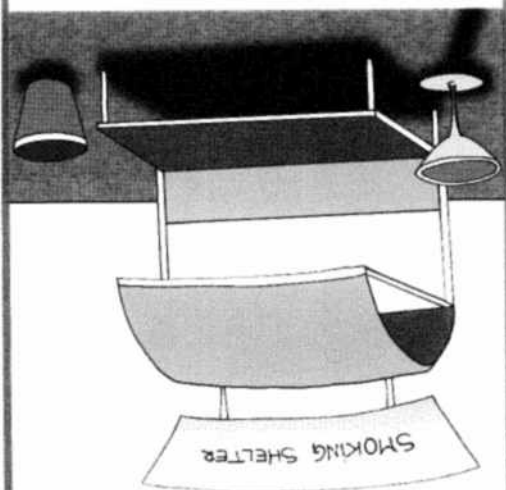
GRINDING



MOLATURA

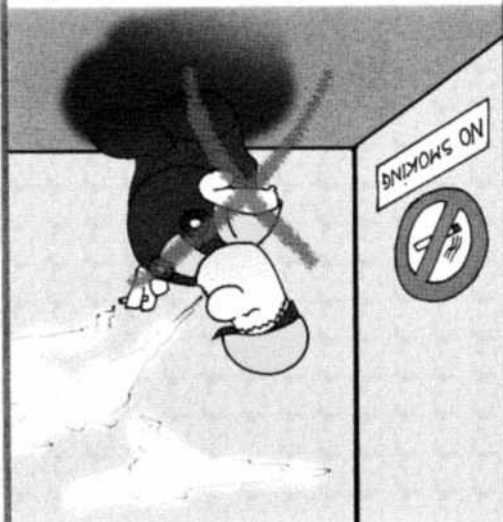
SIEMENS

DIVIETO DI FUMO



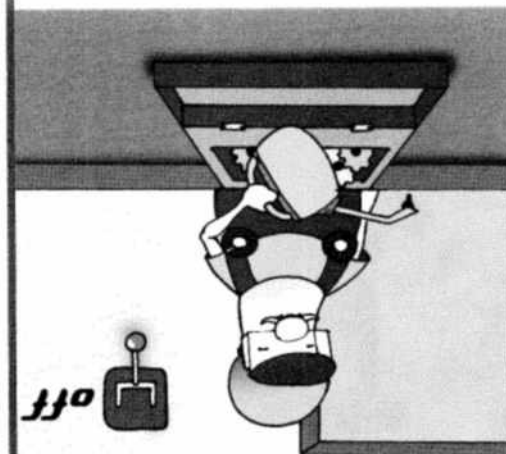
SMOKING REGULATION

DIVIETO DI FUMO



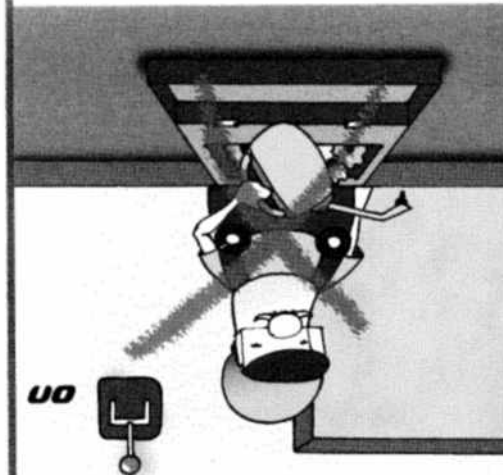
SMOKING REGULATION

ORGANI IN MOVIMENTO



MACHINERY

ORGANI IN MOVIMENTO



MACHINERY

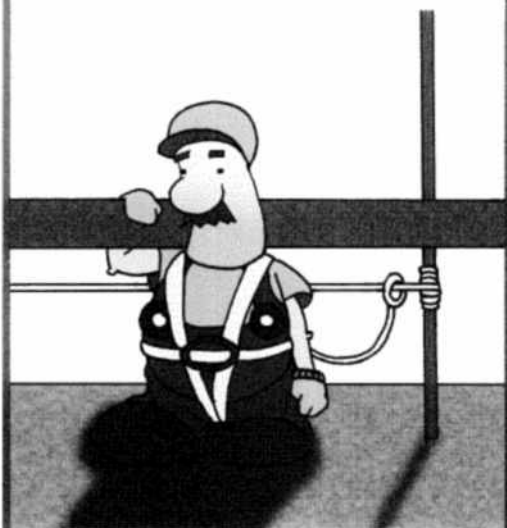
SAFETY HARNESS



IMBRACATURA DI SICUREZZA

SIEMENS

SAFETY HARNESS



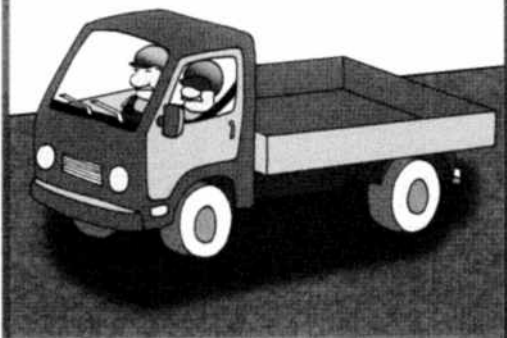
IMBRACATURA DI SICUREZZA

PERSONAL TRANSPORT



TRASPORTO PERSONE

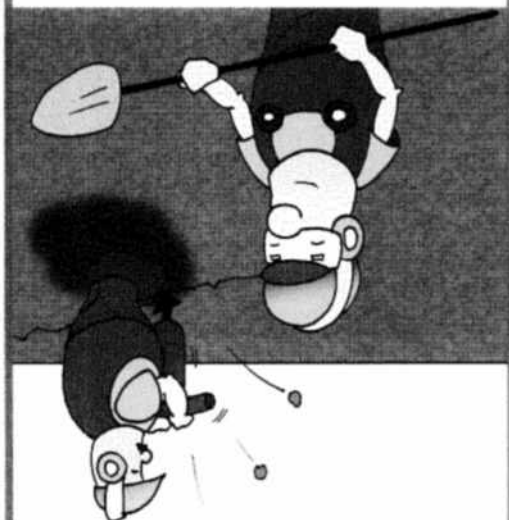
PERSONAL TRANSPORT



TRASPORTO PERSONE

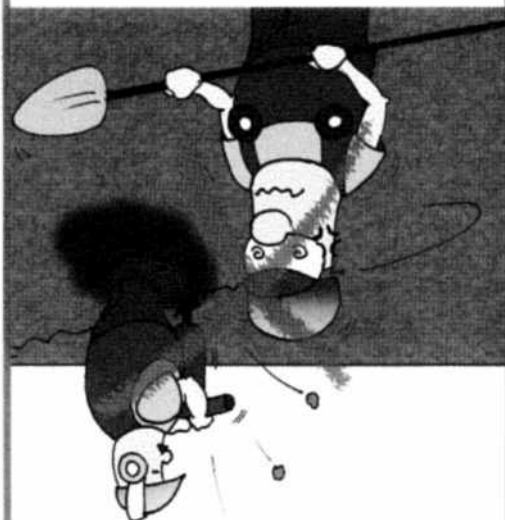
SIEMENS

DISPOSITIVI DI PROTEZIONE INDIVIDUALE (DPI)



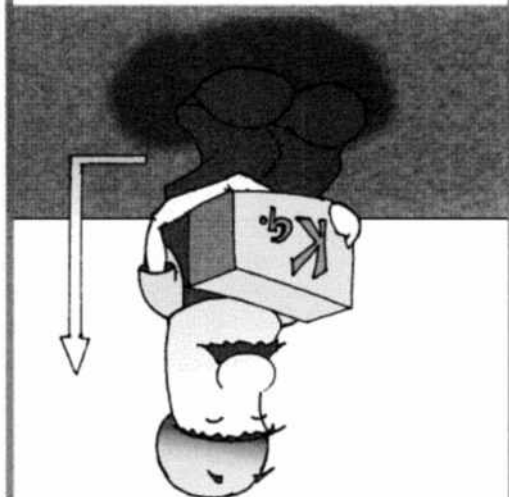
PERSONAL PROTECTIVE EQUIPMENT (PPE)

DISPOSITIVI DI PROTEZIONE INDIVIDUALE (DPI)



PERSONAL PROTECTIVE EQUIPMENT (PPE)

MOVIMENTAZIONE MANUALE DI CARICHI



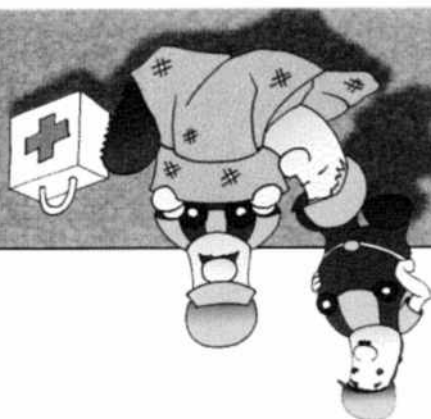
MANUAL HANDLING

MOVIMENTAZIONE MANUALE DI CARICHI



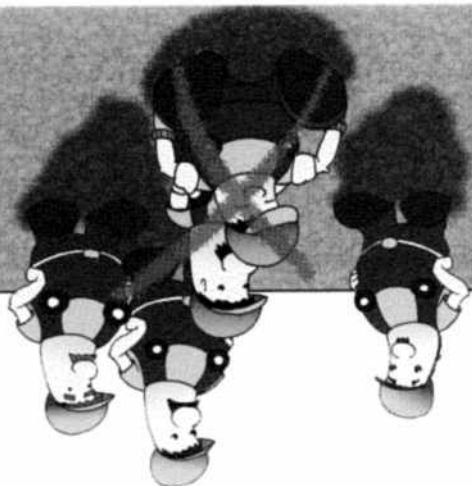
MANUAL HANDLING

PRIMO SOCCORSO



FIRST AID PRACTICES

PRIMO SOCCORSO



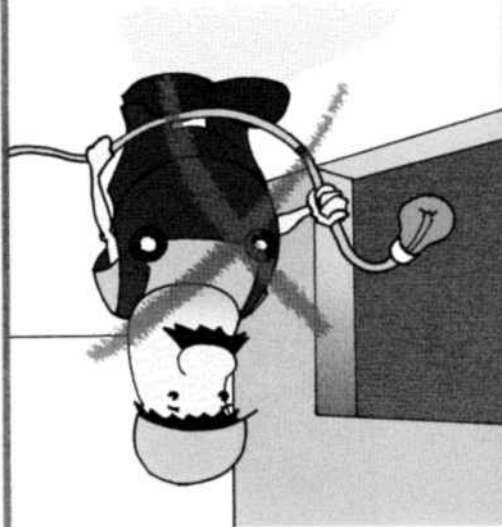
FIRST AID PRACTICES

STRUMENTI DI LAVORO SICURI: ILLUMINAZIONE



SAFETY TOOLS: LIGHTING

STRUMENTI DI LAVORO SICURI: ILLUMINAZIONE



SAFETY TOOLS: LIGHTING

FIRE BRIGADE

FIRE BRIGADE OF LIVORNO FERRARIS

FIRST AID

FIRST BAY AND FIRST AID

GATE HOUSE

SIEMENS SITE OFFICE

MAIN CONTROL ROOM

115

0161.477815

118

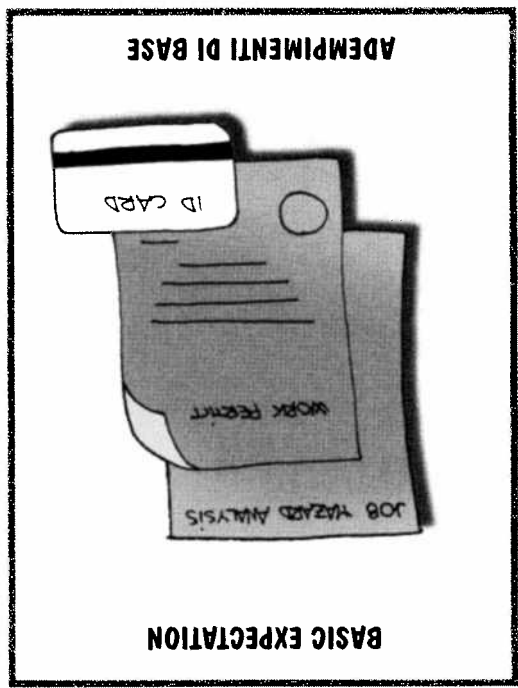
0161.481791

0161.481790

0161.481706

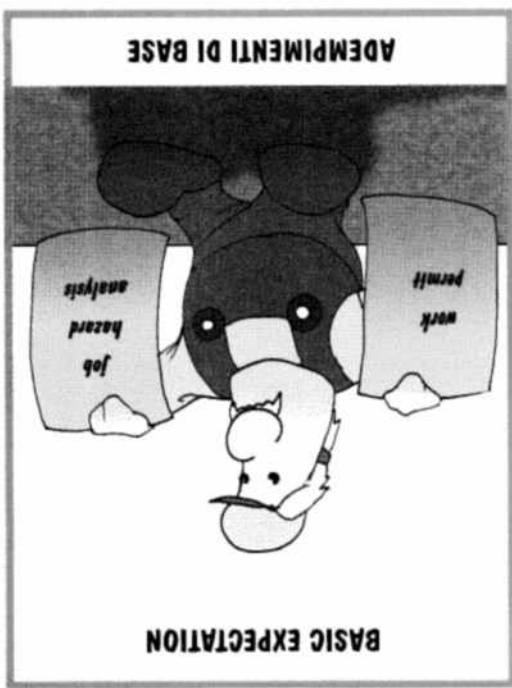
0161.481702

SIEMENS



BASIC EXPECTATION

ADEMPIMENTI DI BASE



BASIC EXPECTATION

ADEMPIMENTI DI BASE

SIEMENS

HSE HEALTH SAFETY ENVIRONMENT

REGOLE GENERALI

LAVORI A CALDO

- è vietato iniziare i lavori a caldo senza test di esplosività
- assicurarsi di avere un estintore a disposizione
- contenere opportunamente scintille e schegge

LAVORI IN ELEVAZIONE

- non usare ponteggi senza certificato (targa verde)
- utilizzare l'imbracatura di sicurezza quando si lavora in quota (più di 2 metri da terra) (all'esterno oppure al di sopra delle protezioni dei ponteggi/parapetti)

LAVORI DI SCAVO

- installare barriere per prevenire possibili cadute dall'alto e/o cadute di oggetti su persone presenti all'interno dello scavo
- mettere a disposizione 2 uscite di emergenza (scale o altri mezzi)

INTERRUZIONE DI ENERGIA

- non interferire con l'etichetta di isolamento
- rispettare le indicazioni di isolamento elettrico

VEICOLI, GRU, IMPIANTI & ATTREZZATURA

- non operare con macchine e attrezzature, se non autorizzati
- rispettare il limite di velocità in cantiere di 15 km/h

SPAZIO CONFINATO

- è vietato entrare in uno spazio confinato se non si è stati autorizzati ed addestrati

GRU (sistemi di sollevamento)

- è vietato manovrare gru se non si è stati formati ed in possesso di patentino
- è vietato passare sotto il carico durante i sollevamenti

SICUREZZA PRIMA DI TUTTO!

SIEMENS

HSE HEALTH SAFETY
ENVIRONMENT

PROCEDURE DI EMERGENZA

L'emergenza è segnalata dalla sirena del cantiere mediante un impulso sonoro udibile chiaramente in tutte le aree di lavoro.

■ PREALLARME - suono bitonale:

fermare i lavori e mettere in sicurezza l'attrezzatura, avvisare il personale nelle immediate vicinanze.

■ ALLARME/EVACUAZIONE - suono monotonale continuo:

fermare i lavori, mettere in sicurezza l'attrezzatura, spegnere tutti gli impianti ed i macchinari, avvisare il personale nelle immediate vicinanze e recarsi al punto di raccolta, avvertire il proprio supervisore ed aspettare istruzioni.

■ CESSATO ALLARME

attendere le istruzioni del proprio supervisore sul da farsi.

VVF

115

PRESIDIO VVF DI LIVORNO FERRARIS

0161.477815

PRONTO SOCCORSO PUBBLICO

118

INFIRMERIA DI CANTIERE

0161.481791

GUARDIANIA

0161.481790

SIEMENS SITE OFFICE

0161.481706

SALA DI CONTROLLO PRINCIPALE

0161.481702

SIEMENS

HSE HEALTH SAFETY
ENVIRONMENT

GENERAL

HOT WORK

- do not start hot work without a gas test
- do ensure you have a fire extinguisher
- do contain all sparks & hot slag

WORK AT HEIGHT

- do not use scaffold without a green tag
- do use safety harnesses when working at height (2 metres above the ground) (outside or above the protection of scaffold/guardrails)

DEEP EXCAVATIONS

- do install barriers to prevent falls from height & objects falling onto people inside
- do provide 2 escape ladders/means of escape

ENERGY ISOLATION

- do not interfere with isolation tags
- respect the energy isolation notices

VEHICLES, CRANES, PLANT & EQUIPMENT

- do not operate equipment unless authorised to do so
- do obey the speed limit on site - 15 kph maximum

CONFINED SPACE ENTRY

- do not enter a confined space unless you are trained & authorised

CRANE LIFTING

- do not work with a crane unless you are a trained operator with valid license
- do not walk under crane loads

SAFETY FIRST

HSE HEALTH SAFETY
ENVIRONMENT

SIEMENS

REGOLE D'ORO

PER I SUPERVISORI:

- partecipare ai "tool box meetings"
- informare il personale dei contenuti della valutazione dei rischi
- quando necessario, assicurarsi di avere un permesso di lavoro
- informare quotidianamente tutto il personale sulle vie di fuga e sull'ubicazione dei punti di raduno
- assicurarsi che i dispositivi di protezione individuali funzionino e vengano usati correttamente
- informare il personale dei cambiamenti in cantiere che possano incidere sulla loro sicurezza
- riferire ogni incidente e/o mancato incidente al vostro responsabile

SICUREZZA PRIMA DI TUTTO!

PER TUTTO IL PERSONALE:

- usare sempre i dispositivi di protezione individuale
- conoscere il nome e la localizzazione del vostro supervisore
- sapere dov'è l'ubicazione del vostro punto di raduno più vicino
- informare il vostro supervisore su possibili attrezzature danneggiate
- riferire ogni incidente e/o mancato incidente al vostro supervisore

SICUREZZA PRIMA DI TUTTO!

SIEMENS

HSE HEALTH SAFETY
ENVIRONMENT

ASSEMBLY POINTS

There are 2 Assembly Points available inside the refinery, you will be shown the location during your safety induction and your supervisor will inform you of the nearest one a daily basis and where to go in case of emergency.

ASSEMBLY POINT LOCATION (SEE LAYOUT)

- **MUSTER POINT A**
in the external parking in front of the main site entrance
- **MUSTER POINT B**
in the parking area B

HOW TO SPREAD THE ALARM IN EMERGENCIES

Emergencies are announced by a continuous sound impulse, which can be clearly heard throughout the jobsite.

- **PRE-ALARM** - bitonal sound
make equipment safe, warn personnel in the immediate vicinity.
- **ALARM** - continuous single tone:
make equipment safe; warn personnel in the immediate vicinity and go to the mustering point; await EPM's instructions.
- **ALL CLEAR**
declared by Siemens site Management.

PUNTI DI RADUNO

Ci sono 2 Punti di Raduno disponibili nel complesso del cantiere. Vi saranno mostrate le ubicazioni di tali punti durante il corso di introduzione alla sicurezza ed inoltre il vostro supervisore è informato sul punto di raduno più vicino e su cosa fare una volta radunati

UBICAZIONE PUNTI DI RADUNO (VEDERE PLANIMETRIA)

- PUNTO DI RACCOLTA A: ubicato nel parcheggio esterno davanti all'ingresso principale del cantiere.
 PUNTO DI RACCOLTA B: ubicato nel parcheggio antistante all'ingresso lato ovest del cantiere.

COME SI DIFFONDE L'ALLARME IN CASO DI EMERGENZA?

L'emergenza è segnalata mediante un impulso sonoro continuo udibile chiaramente in tutto il cantiere.

- PREALLARME** - suono bitorale:
 mettere in sicurezza l'attrezzatura, avvisare il personale nelle immediate vicinanze.
ALLARME - suono monotonale continuo:
 mettere in sicurezza l'attrezzatura, avvisare il personale nelle immediate vicinanze e recarsi al punto di raccolta dove attendere le istruzioni dal proprio EPM.
CESSATO ALLARME

viene dichiarato dalla direzione di cantiere Siemens.

**SIEMENS**

GOLDEN RULES

FOR SUPERVISOR:

- do give too much talk
- inform all your personnel of the job contents
- ensure you have a permit to work, if required
- inform all of the location of route to the nearest assessment point daily
- ensure ppe is appropriate of desu properly
- inform your personnel of site changes that affect their safety
- do report all accidents near miss incidents to your manager

IF IN DOUBT ASK - SAFETY FIRST

FOR ALL PERSONNEL:

- do wear your ppe
- do know the name & location of your supervisor
- do know the location of your nearest assembly point
- do report any damaged tools, plant equipment to your supervisor
- do report all accident & near misses to your supervisor

IF IN DOUBT ASK - SAFETY FIRST

POLITICA DELLA SIEMENS SU SALUTE, SICUREZZA & AMBIENTE

- Lavoriamo in modo continuo per minimizzare l'impatto sui nostri dipendenti e sull'ambiente nonché ridurre il consumo di energia e delle risorse.
- Prendiamo tutte le misure necessarie per evitare di esporre i nostri dipendenti e l'ambiente a rischi e a danno.
- Già in fase di pianificazione teniamo conto delle conseguenze potenziali che le nostre azioni, prodotti e servizi possono avere sulla salute umana e sull'ambiente. Nel fare ciò consideriamo l'intero ciclo di vita dei nostri prodotti e dei componenti forniti dai nostri fornitori.
- Promuoviamo la divulgazione delle conoscenze su aree di gestione ed ingegneria necessarie per lo sviluppo sostenibile dei requisiti HSE.
- Attraverso una gestione adeguata assicuriamo l'attuazione efficace della nostra politica HSE. Le procedure tecniche e organizzative richieste per tale messa in atto sono sottoposte a verifiche regolari e a perfezionamenti continui.
- Ci avvaliamo della migliore tecnologia disponibile, basandoci sul fondato know-how che abbiamo acquisito in campo scientifico e di medicina del lavoro.
- Incoraggiamo i nostri partner commerciali a osservare linee guida HSE equipollenti alle linee che noi seguiamo.
- Forniamo al pubblico informazioni esaurienti sull'impatto ambientale derivante dalla nostra attività aziendale. Forniamo ai nostri clienti informazioni su un uso eco-responsabile dei nostri prodotti.
- Ci adoperiamo a favore di un dialogo aperto con tutte le parti interessate nel campo della salute e sicurezza sul posto di lavoro e della tutela ambientale al fine di elaborare soluzioni attuabili.

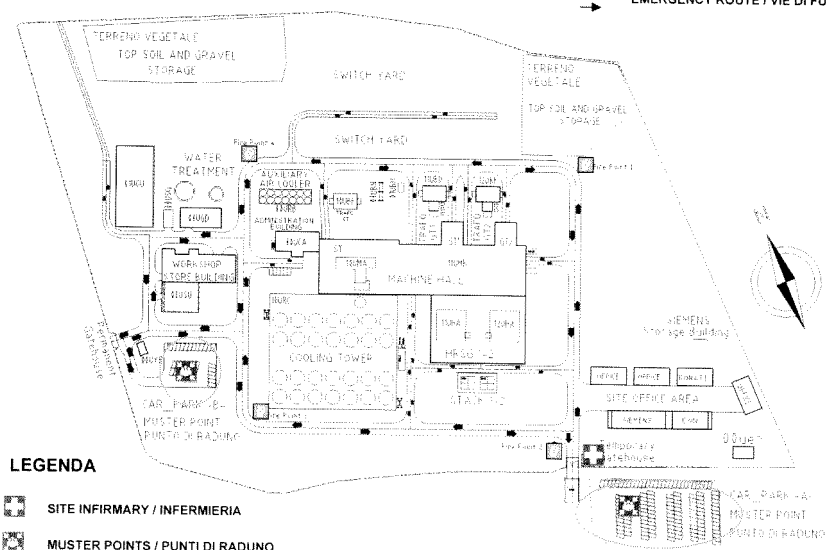
SIEMENS

HSE HEALTH SAFETY
ENVIRONMENT

MUSTER POINTS / PUNTI DI RADUNO

LEGENDA

-  FIRE EXTINGUISHER / ESTINTORE
-  EMERGENCY ROUTE / VIE DI FUGA



LEGENDA

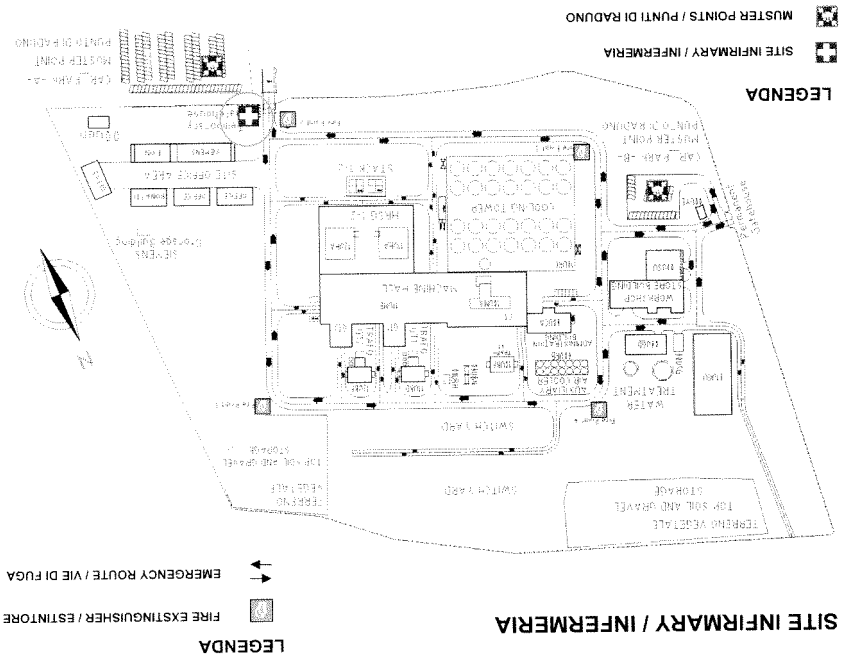
-  SITE INFIRMARY / INFERMERIA
-  MUSTER POINTS / PUNTI DI RADUNO

HSE HEALTH SAFETY
ENVIRONMENT

SIEMENS

SIEMENS' HEALTH AND SAFETY AND ENVIRONMENTAL POLICY PRINCIPLES

- We work continually to minimize the impact on employees and the environment as well as to reduce the consumption of energy and resource.
- We take all steps necessary to avoid exposing employees and the environment to risk and harm.
- As early as the planning stage, we take into consideration the potential consequences of our actions, products and services on human health and on the environment. In so doing, we consider the entire life cycle of our products and components sourced from our suppliers.
- We promote knowledge dissemination on areas of management and engineering required for sustainable development of EHS standards.
- Through appropriate management we ensure effective deployment of our HES policy The technical and organizational procedures required for such deployment are regularly reviewed and continually refined.
- We employ the best available technology, rely on sound scientific and occupational medicine expertise.
- We encourage our business partners to follow EHS guidelines equivalent to those we follow.
- We provide the public with comprehensive information about environmental impact resulting from our corporate activity. We give our customers information on how to handle our products in an environmentally responsible manner.
- We engage in open dialogue with all interested parties in the field of occupational health & safety and environmental protection in order to elaborate viable solutions.



HEALTH, SAFETY, ENVIRONMENT BOOKLET

NAME NR

SIEMENS

HSF: HEALTH & SAFETY
FUNDAMENTAL

FIRE FIGHTING POINTS / PUNTI ANTICENDIO

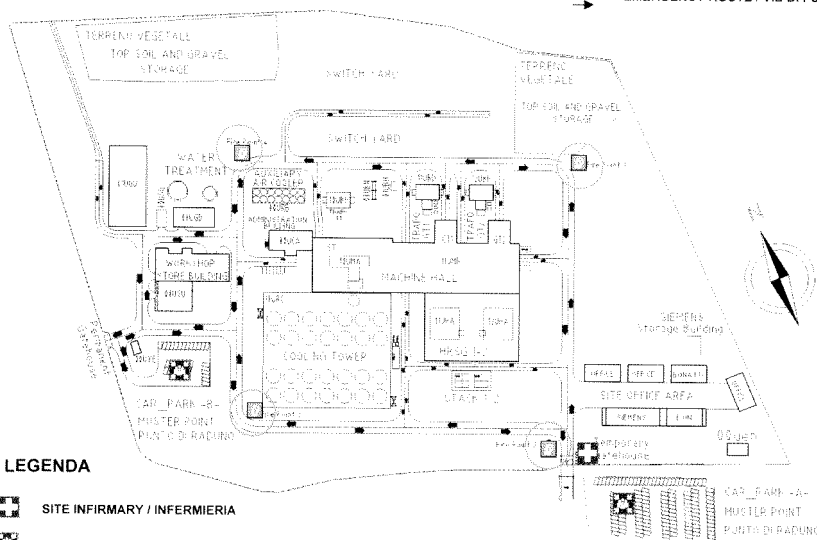
LEGENDA



FIRE EXTINGUISHER / ESTINTORE



EMERGENCY ROUTE / VIE DI FUGA



LEGENDA



SITE INFIRMARY / INFERMIERIA

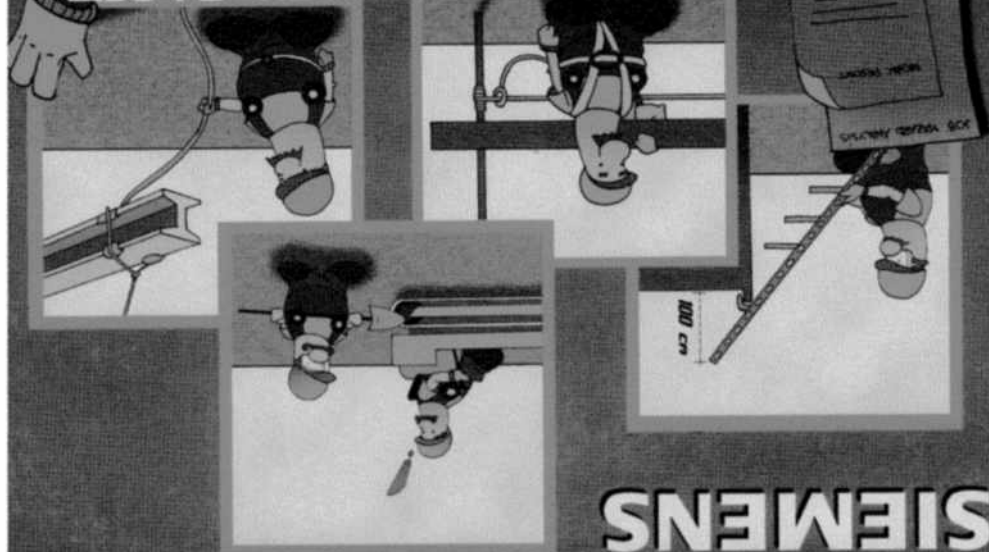


MUSTER POINTS / PUNTI DI RADUNO

HSE HEALTH SAFETY ENVIRONMENT

SIEMENS

HEALTH, SAFETY
ENVIRONMENT
BOOKLET



SIEMENS

SIEMENS

HSE : HEALTH SAFETY
ENVIRONMENT

STRADA PROVINCIALE, 7/A
13046 LIVORNO FERRARIS (VC)