



TRIESTESPRESSO EXPO

Exhibition fair at the Porto Vecchio of Trieste

Exhibition period: 24 - 26 October 2024

CONSTRUCTION WORK
OF THE EXHIBITION FACILITIES
WITHIN THE AREA
OF THE OLD PORT OF TRIESTE
SAFETY PLAN
DUVRI FOR COMPANIES
-exhibitors and fitters-
Legislative Decree 81/2008, art. 26

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RSPP



OBJECT OF THE WORKS

This concerns the works relating to the setting up of the exhibition equipment for the trade fair exhibition called Trieste Espresso Expò, edition 2024, which provides for the assembly, display and final dismantling of the structures for the period of the trade fair between 24 and 26 October.

The works pertaining to the set-ups are precisely described in the general and technical project drawn up in the assignment procedure by the RUP of the Client (ARIES), Dr. Patrizia Andolfatto.

This work is not subject to the supervision and coordination of the tasks and roles of the various figures involved in the realisation of the work, as well as the different phases of the work, as it does not fall under the provisions of Title IV of Legislative Decree 81/2008 and subsequent amendments (temporary and mobile construction sites), as it is excluded from the I.D. 22/7/2014, as the project does not envisage specific structures outside the buildings.

Aries shall ensure that exhibitors (who are obliged towards their fitters to comply with all legal obligations in terms of safety pursuant to art. 26 of Legislative Decree 81/2008 -contracts and works contracts-) hand over the individual areas by means of a deed called 'CONSEGNA SPAZIO ESPOSITIVO' (DELIVERY OF EXHIBITION SPACE), which must be returned by e-mail: tecnico@ariestrieste.it, with the date of commencement of set-up work by their fitters. This form will be used to allow the fitters access to the grounds.

Furthermore, ARIES shall implement the coordination of all activities and related work interference by means of the single specific document for the evaluation of interference risks (DUVRI).

SPECIAL SAFETY SPECIFICATIONS

ART. 1 - Works pertaining to the special safety contract specifications.

The works in these special tender specifications concern the execution procedures, preparations and equipment to allow compliance with the rules for the prevention of accidents and the protection of the health of workers.

The economic burdens and characteristics of the aforesaid works are set forth analytically in the relative chapter of this draft, also according to the estimates presented by the contractors for the specific works contracted.

ART. 2 - Documents forming part of the entrusting contracts.



In addition to the project documents drawn up by the Customer, the following documents are part of the assignment contracts

- a) these safety specifications - DUVRI-;
- b) the general project drawn up by the Customer.

ART. 3 - The Customer and the Project Supervisor.

The RUP, on behalf of the Customer ARIES, has determined, with the assistance of the RSPP and the technical office, during the project preparation and estimate formulation phase, the following

- a) the assessment of the overall duration of the works and of the different stages of work progress and economic entity of the event.
- b) the possession of the technical-professional requirements (if necessary also by means of self-certification) of all the various executing companies as per Annex XVII;

ART. 4 - Obligations and burdens to be borne by the executing enterprises.

The companies entrusted with the various contracts by the Customer or by the individual exhibitors are obliged to observe and fully implement the instructions contained in the following specifications. In particular, they must provide for

- a) the appointment of their own supervisor;
- b) the holding at the assigned exhibition space of the Operative Safety Plan (OSP) where envisaged (building and plant works in general);
- c) informing and training workers on the contents of the DUVRI;
- d) the knowledge of all the logistical references of the site for reporting any emergency situations;
- e) making available to their workers the use of the sanitary facilities on the site.

All companies shall also ensure, each for its own competence

- a) the maintenance of the worksite and the site as a whole in an orderly condition, leaving service roads and common areas free at all times;
- b) the segregation of its own site area from neighbouring areas (site roads);
- c) the maintenance of suitable safety conditions in the handling of materials;
- d) the verification of the movement of machinery and vehicles in the vicinity of the worksite, in conditions of safety for all workers and third parties present both in the worksite and in the surrounding and interfering arease)
- e) the most suitable arrangement of the various storage and material deposit areas
- f) suitable washing procedures for brushes and equipment used for painting panels and manufactured articles in general at the sites identified by the



Customer

- g) provide third-party liability insurance;
- h) provide insurance against fire and damage to neighbouring structures;
- i) verify the professional suitability of subcontracted companies.

NOTE 1

REMINDER ON THE TECHNICAL AND PROFESSIONAL SUITABILITY OF ENTERPRISES

The technical-professional suitability of the companies can be certified by the presentation of the following documents:

- 1) Certificate of registration with the Chamber of Commerce
- 2) DURC
- 3) Operational Safety Plan (POS) where foreseen
- 4) Certification of the absence of disqualification proceedings.

The POS must contain the following company information- description of the works with an indication of any subcontracting;

- workers' training in accordance with the terms set forth in CSR Agreement no. 221 of 21 December 2011;- name and certified training of the RSPP;- training of workers assigned to the use of work equipment according to the terms provided for by CSR Agreement no. 53 of 22 February 2012;- appointment and certified training of fire prevention and first aid officers;- appointment of the competent doctor;- certified health suitability of workers;- list of machinery and equipment for the worksite with declared CE conformity;- list of PPE used on the worksite, with a record of delivery and of information and training on its use by workers;- list of workers present on the worksite, with an indication of their specific tasks,with particular regard to special work (PES/PAV personnel for work on electrical parts, etc.).



NOTE 2

TRANSMISSION OF DOCUMENTATION

Construction site documentation may be transmitted by electronic mail (with storage of the date of transmission) addressed to the technical office of the Contracting Authority responsible for the contract.

REFERENCE REGULATIONS

- The realisation and use of the works relating to the equipment, fittings and executive procedures relating to these specifications must comply with these standards, an indicative and in any case non-exhaustive list of which is given below:-
Legislative Decree 81/2008: Consolidated Work Safety Act.- Presidential Decree 303/56, limited to Article 64: Inspections.- Legislative Decree 17/2010: Machinery regulations.- D.M. 37/2008: Plant safety.- Presidential Decree 462/2001: Protection against atmospheric discharges and electrical earthing.- D.M. 388/2004: Company first aid.- D.M. 151/2011: Fire Prevention.
- - Ministerial Decree dated 1, 2, 3 September 2021: Fire Prevention 2021.
- - L.R. FVG nr. 24/2015: execution of works at height.- Art. 2087 of the Civil Code.- Technical standards UNI, ISO, ISPESL, CEI, etc..
- - VV.F., A.S.L., Provincial Labour Department prescriptions.

Compliance with the above standards is intended in the most restrictive sense, and therefore not only the execution of the works relating to equipment, preparations and executive procedures, but also the individual materials and manufactured articles used and put in place must be compliant.

GENERAL CONSIDERATIONS ON THE SITE AND WORK

The work will briefly include: the setting up and dismantling of the special equipment for the 2024 edition of the Coffee Exhibition in warehouses 26 and 28 in the Porto Vecchio area of Trieste.

Work will be carried out outdoors and inside the buildings, therefore in climatic conditions only partially protected from external agents.

The disturbance factors of the work to be carried out will be due to all the interference between the different workings between adjacent areas of the building sites/preparation areas and inside the site, where work will be carried out according to the different



scheduled workings prepared by the Customer and the different contractors present on the site.

The work will be carried out with subdivision into operational phases and with assignment of specific work to other companies.

All adequate personal protective equipment shall be adopted to ensure the safety and health of all workers of the companies and operators on the worksite, as well as of any other third parties, necessary to eliminate or reduce the residual risks of the activities carried out.

PPE will be mandatory, if related to the specific risk, footwear, harnesses (for work at height), gloves, helmet, hearing protectors and appropriate clothing.

Lighting will be natural, i.e. use will be made where necessary of lighting fixtures connected to the electrical system set up to serve the exhibition.

All safety distances must be observed when moving equipment and materials within the grounds, along passageways and access to work areas.

The utmost attention must be paid to the speed of vehicles along the internal site roads and when approaching the site and the exhibition site.

The companies entrusted with the general set-up works have been identified, with possible executive interference between the different specific works carried out by the various companies.

The works can be summarised and grouped according to the different types of risk present and referable to the individual contracted works.

1) Building set-up and preparation:- electrical and lighting systems- air conditioning systems

- temporary exhibition structures
- installation of accessory service technological systems
- external provisional works (portals)

2) Setting up of exhibition stands

- preparation of interior exhibition areas
- installation of coverings in general
- assembly of partition elements, furniture, etc.

It can therefore be deduced, from what can be seen in the work scheduling, that there will be two types of interference

- between works interference between the different areas of the worksites
- interference between different works within the same worksite areas.



GENERAL RULES OF CONDUCT FOR WORKERS

All workers shall comply with the following general rules of conduct for accident prevention:

- 1) observe the safety measures arranged by their employer;
- 2) use with due care the safety devices and all means of protection provided collectively by their own company and by other companies;
- 3) promptly report to those in charge of safety any deficiencies or anomalies in the devices and collective means of protection, as well as any other conditions that could jeopardise individual or collective safety, endeavouring within the scope of their competence to eliminate and reduce any deficiencies
- 4) not remove or modify, without prior authorisation from the site safety officer, devices or other collective means of protection
- 5) not to carry out, on their own initiative, operations or manoeuvres that may jeopardise their own safety or the safety of others
- 6) not to climb on scaffolding or rigging structures that are to be accessed only with the aid of ladders or other means provided for the purpose
- 7) reserve the use of electrical equipment, machines or installations exclusively for specialised personnel;
- 8) to observe the traffic regulations and the appropriate signs on the internal roads of the site
- 9) not to get in or out of vehicles in motion or be transported outside the driver's cab of vehicles
- 10) reserve the use of the vehicles exclusively to competent and duly authorised personnel
- 11) to proceed with any vehicle, in the vicinity of the worksite and in the area, at a moderate speed and with all necessary precautions
- 12) immediately report to the safety officer of the relevant company any defect or inconvenience detected in the personal protective equipment made available to workers.

All workers shall have received due information and specific training on accident prevention from the employers, i.e. the company and worksite managers.



PREPARATION AND GENERAL SET-UP OF THE INDIVIDUAL CONSTRUCTION SITES

The area affected by the construction sites directly occupies the Magazzini 27 and 28 building complex in Porto Vecchio. To these is added the area occupied by the marquees and gazebos.

The general perimeter of the area of the site affected by the works and interfering with

external areas will be marked and separated with appropriate barriers and signs, where necessary. In specific areas, temporary closure, separation and signalling elements may be erected, with signs warning against unauthorised access and against the unloading and storage of goods.

In view, on access to the site, information signs will be posted on the accident prevention behaviour of workers and the use of collective and individual protection devices.

With reference to the worksite areas, different areas may be set up, only temporarily, for the storage of materials. The arrangement must be made so as not to interfere with the passage of people and vehicles, and for this reason the areas must be marked and confined.

ELECTRICAL SYSTEM AND EARTHING

The electrical system serving the individual sites will be connected to the existing electrical system serving the site, in TN earthing system derived from the main switch from the site's media cabin.

Each specific site area shall have specific connections and shunts, and the presence of sockets and conductor wires shall be signalled and protected.

SANITARY SERVICES

The presence of a specially designated and trained person for the implementation of first aid measures must be ensured at all times in the area comprising the various site areas.

For any intervention following a serious accident, reference will be made to the first aid service (unique number 112), aimed at managing the emergency situation and the direct and immediate transport of the injured person to the nearby first aid station.

HYGIENE FACILITIES

The necessary drinking water can be drawn from the network serving the area, by personnel authorised by ARIES.

For the toilets, workers may use those present in the vicinity of the buildings, through prefabricated modules set up especially for the event.



MOTOR VEHICLES

In the vicinity of the site, engines must not be kept running for long periods of time in order to avoid excessive exhaust emissions and noise in the surrounding environment. Particular attention must be paid to the drivers when manoeuvring the vehicles, due to the risk of investment towards people in the surrounding area.

During reversing operations when approaching the construction site, it must be ensured that the work area is completely clear.

SERVICE ROUTES

All access and service routes to the worksite, as well as the parking and rest areas, must be used in accordance with the general instructions given by the Client's engineer and the regulations in force (Municipality of Trieste).

Prior to the commencement of the overall worksite, the contractor shall provide its workers with the necessary instructions and information on the routes.

PERSONAL PROTECTIVE EQUIPMENT

All workers, as already specified, shall be given the appropriate means of individual protection, chosen and defined according to their specific tasks and correlated to the residual risk connected with the activities carried out and CE marked (footwear, helmets, gloves, hearing protectors, work clothes, harnesses for work at height, etc.). Everyone will be given the necessary information and instructions on the correct use of the devices, after compulsory training, in the cases provided for.

GENERAL RULES OF BEHAVIOUR FOR WORKERS

When carrying out the work, the personnel of the companies present on the site must comply with the following rules, which must be issued by the heads of the companies themselves and the application of which must be verified:

- 1) regulate the manoeuvring of mechanical means;
- 2) provide warnings on the measures to be implemented to avoid contact with live power lines;
- 3) operate within the work areas;
- 4) use the PPE made available by their company;
- 5) regulate the manual handling of loads, with a maximum limit of 25 kg per person;
- 6) regulate the routes of the workers in order to ensure full safety in the vicinity of the worksites and the site;
- 7) provide collective and individual safety measures against materials and objects falling from heights;



- 8) indicate measures to reduce the noise level of machinery and equipment
- 9) prescribe appropriate indications for the protection of persons from the moving parts of machinery on the site and from moving objects; and
- 10) provide measures to ensure the stability of the provisional works during all phases of work.



RISK ANALYSIS

SPECIFIC RISKS FOR COMPANIES

CONSTRUCTION SITE FENCING AND TEMPORARY PROTECTIONS

Work, even temporary, carried out along the internal roadways must be equipped with temporary danger signalling systems and relative yellow signs, and open manholes, even for short periods of time, located on the roadway or pavement must be completely fenced or protected.

LIFTING EQUIPMENT

The load lifting devices, winches and hoists normally used shall have a load capacity of less than 200 kg: otherwise they shall comply with the requirements relating to the declaration of installation and commissioning, with the relative annual periodic inspection and testing by the manufacturer. As a rule, the ropes used by the hoists must be inspected by the employer every three months, with an entry in the relevant inspection booklets, and the presence and efficiency of the hook closure device at the opening must always be checked.

At the winch loading and manoeuvring stations, it must be forbidden for non-experts to approach and stop.

WORKING EQUIPMENT

All scaffolding used must be in conformity.

Trolleys may only be used without guardrails for work to be carried out on the ground and inside the building. They shall not exceed a height of 2 m. It shall be forbidden to use trestle bridges with uprights made of ladders. Only regulation hand ladders shall be used. Double ladders must be fitted with a chain of adequate strength or other equivalent device that prevents them from being opened.

Ladders used shall be fitted with non-slip devices at the lower ends of both uprights and restraint hooks or non-slip supports at the upper ends, or be properly secured or restrained at the foot.

No worker shall be on the ladder when it is being moved sideways.



METAL SCAFFOLDING

For the erection of jointed tube scaffolding suitable for supporting promotional posters and signs. The scaffolding used must all be accompanied by a regular ministerial authorisation, with the relevant PiMUS being presented by the scaffolding company prior to installation.

NOISE

An assessment of noise exposure during work must have been carried out by the companies, with the results indicated in the SOP. Appropriate PPE shall be provided to all workers. Workers must undergo health checks in accordance with the procedures and periodicity established by the competent doctor.

CHEMICAL AGENTS AND SAFETY DATA SHEETS

For the use of dangerous substances and preparations (solvents, varnishes and paints), the relevant safety data sheets must be regularly requested from the manufacturer and the company must have carried out a risk assessment. In any case, the personnel must have been informed and trained in advance on the risks involved in handling and using these substances, after taking note of the instructions and indications on use that can be deduced from both the labelling and the safety data sheets.

MACHINERY

The machines used on the construction site (forklift trucks, AWP etc.) must be installed, operated, maintained, repaired and adjusted according to the instructions in the user and maintenance manual provided by the manufacturer. For machines built after the issue of the Machinery Directive, CE marking of approval and certification will be mandatory. The operators in charge must have been appropriately trained with reference to the manual provided by the manufacturer and special training courses must be held according to the specific contents of the CSR Agreement.

In any case, all the general safety principles contained in Title III of Legislative Decree 81/2008 must be complied with, i.e.: the dangerous elements of the machine must be protected or segregated or provided with safety devices and the control and stop devices must be visible and clearly identifiable and protected against accidental operation.

The machinery shall be installed on the construction site in such a way as to guarantee the necessary free space beyond the travel limits of the moving parts. They must be



the good condition and efficiency of the machines and equipment must be checked in advance and normally.

Machines must be equipped with closures, screens or other means of interception, fixed or adjustable, for protection against projections of materials or particles of various kinds. In places where there is a risk of projections of splinters, sparks, etc., it shall be forbidden for non-experts to approach and stay.

Electrical connections to earth must always be made, and adequate protection against direct contact (insulation of conductors) and junction boxes and connections must be in accordance with standards.

In any case, tools suitable for the work to be carried out and suitable for health and safety purposes must be made available to workers, and it must be ensured that the tools and equipment are in good condition, efficient and well maintained.

ELECTRICAL INSTALLATIONS

The electrical system, in all its constituent parts present in the vicinity of the worksite, must be installed and maintained in such a way as to prevent the dangers arising from accidental contact with live elements, with the use of equipment having the specific IP degree of protection for the work environment, which will be indicated on the plate, prescribed for the environments in which it is to be used.

Sockets and junction plugs must bear the required markings that comply with CEI standards.

WORK ON ELECTRICAL INSTALLATIONS

It shall be forbidden to carry out work on live parts and in their immediate vicinity, unless all the necessary safety procedures are adopted, and work carried out on live parts shall in any case follow the operating methods carried out and performed by personnel specifically trained according to CEI 11-27 standards.



RESIDUAL SITE RISKS

STRUCTURES CONNECTED TO THE WORKSITE

In the buildings there is access for people, with the passage being safe in any case, so that the same safety conditions must be maintained during the execution of the work. The same must be done in the corridors (common areas) within the individual halls. It is absolutely forbidden to occupy these corridors outside the time strictly necessary for unloading/loading materials. All work in preparation for the construction of the individual stands must absolutely take place within the exhibition space assigned and formally handed over. It is also forbidden to use naked flames, and work equipment with a risk of glowing materials being projected (flexes, circular saws, etc.).

There shall be no unprotected passageways against the possible fall of materials from above, and, in the case of work with residual risk, the places shall be promptly and adequately signposted and provided with suitable protection.

The floors of the workplaces and passageways outside the area shall be free of holes and dangerous protrusions, and shall also be free of materials that hinder normal circulation.

Where obstacles are formed due to the needs of the site, they shall be promptly and appropriately marked.

The outdoor workplaces shall all be adequately illuminated with artificial light when daylight is insufficient.

The routes and exits of the individual halls lead outside the site to a safe place.

Streets that interfere with the building site must be left clear at all times, so that they can be used in all cases.

It shall be the responsibility of the individual companies involved to remove the individual drums and paint/paint containers, both full and empty, at the end of the set-up work.

Otherwise ARIES reserves the right to charge the exhibitor directly for the cost of disposal at authorised sites.

ELECTRICAL INSTALLATIONS

The electrical installations in all their constituent parts in the buildings shall be installed in such a way as to prevent dangers arising from accidental contact with live elements. In any case, the electrical service switchboards of the individual stands must be checked (protection with earth connection through the district system, in coordination with earth leakage circuit breakers).



FIRE RISK

Companies will be able to refer to the existing equipment in the hall.

Smoking will be prohibited in all buildings subject to the work and the use of equipment with naked flames.

Workers will be adequately informed of the sequence of interventions and the procedures to be activated and followed in the event of a fire, as follows:

1. immediately notify their supervisor to warn of the emergency situation, trying to specify the location of the outbreak and its extent;
2. alert colleagues and third parties present on the worksite or in the vicinity;
3. proceed to cut off the power supply through the switchboards;
4. intervene if possible with manual fire-fighting equipment to extinguish the outbreak
5. telephone or ensure that the Fire Brigade has been called (single number 112);
6. evacuate/abandon work areas.
7. Personnel must have received the minimum information necessary to safely carry out fire extinguishing operations using fire extinguishers.

COORDINATION ACTIONS

The Customer's technical office will have autonomous decision-making powers in relation to all the companies involved in the works.

If risk situations are ascertained, the Customer's technician will proceed as follows:

- 1) verbal warning addressed to the worker or workers involved in the work interfering with the risk detected;
- 2) drafting of an immediate written service order (whose signature will be required from at least one worker present on the worksite and/or a supervisor), for the execution of the safety works
- 3) suspension of the works detected with serious and imminent risk;
- 4) transmission by e-mail of a written inspection report to the contractor with an indication of the execution requirements;
- 5) transmission by e-mail of a service order for the immediate execution of the safety works;
- 6) subsequent verification of the regular execution of the requested works;



- 7) in the event of non-compliance, initiation of the procedure for removal of the contractor or termination of the contract.

RULES OF BEHAVIOUR ON THE WORKSITE IN THE ASSIGNED AREA

Workers must have received specific training on how to behave on the worksite, to be passed on between colleagues and to the employees of third-party companies that may be present, according to the following instructions

1. Always attend to and organise the manoeuvre of the mechanical means present on the worksite.
2. Always observe the measures to be implemented to avoid contact with live overhead power lines.
3. Recommend taking the necessary precautions in the use of operating machines to prevent the breakage of electric, telephone, gas, sewer, water cables or pipes.
4. Regulate and regulate the manual handling of loads.
5. Take measures and provide for the placement of daytime and nighttime warning signs.
6. Promptly report the presence of dangers, obstacles and emergency situations to the personnel on the worksite.
7. Arrange the use of appropriate headgear for workers to protect them from falling material from above.
8. Check and prescribe fire-fighting measures related to the work being performed.
9. Regulate the movement of mechanical means within the worksite.
10. Regulate the methods of load handling carried out with lifting equipment, always checking the efficiency of the locking systems and equipment, ensuring that the workers' positions are always safe.
11. Regulate the routes of workers and vehicles in order to guarantee the complete and continuous accessibility of the worksite.
12. Arrange collective and individual safety measures against materials and objects falling from above.
13. Require the adoption of collective and individual safety measures to prevent people from falling from heights, also providing appropriate guardrails.
14. Prescribe appropriate indications for the protection of persons from the moving parts of machines present on the worksite and from moving objects.



15. Dictate protective measures to prevent people from coming into contact with power lines or live machines and give any directives to limit their detrimental effects.
16. Provide warnings on the use of hand ladders and ensure that they meet the requirements of the relevant regulations.
17. Impose measures to limit the emission of dust and waste from the worksite.
18. Provide measures to ensure the stability of the works (including temporary works) during the work phases.
19. Restrict the working areas, so as to avoid the presence of workers within the radius of action of lifting devices (winches) or other machinery.
20. Ensure that all machine guards and defences are effective at all times.
21. Check the maintenance condition of machinery and equipment in use.

FIRST AID RULES

The company will only be allowed to work on site after the exhibitor has handed in the form 'DELIVERY OF EXHIBITION SPACE'.

Personnel must have a mobile phone for calls to the single **emergency number 112 for fire and accident emergencies:**

- Fire brigade
- First Aid.

Personnel must have been instructed in the activation of the following initial survival phases while awaiting the arrival of emergency vehicles:

1. early warning of the emergency with notification of medical aid;
2. verification of state of consciousness;
3. opening of the mouth and verification of airway patency;
4. rescue ventilation;
5. start of cardiac massage;
6. cardiac massage and mouth-to-mouth ventilation.

ing. Gianfranco Beltrame

Trieste, 10 July 2024



WORK RISK SHEETS

Risk: running over someone.

Activities exposed to risk: Transport of materials by lorry.
Loading and unloading of materials from the lorry..

Risk compensation: Prohibition of people in manoeuvring reversing manoeuvres.
Provision of access routes to work areas.
Provision of protected safety passages along routes.
Marking and delimitation of work areas. Signalling of manoeuvring operations.
Use of PPE (footwear).

Risk: Projection of materials.

Activities exposed to risk: Use of manual work equipment.
Use of grinders.

Risk compensation: Delimitation and compartmentalisation of areas and zones of work.
Compartmentalisation of working environments.
Appropriate positioning of machines.
Protection of working bodies with ear muffs and screens.
Use of PPE (goggles)



Risk: Contact with operating parts of machines and equipment.

Activities exposed to risk: Use of work equipment and machinery.
Use of lifting equipment.

Risk compensation: Use of PPE (gloves, helmet).
Provision of safety passages adequately protected from machine working areas.
Prohibition of removing and/or tampering with the protection of working parts (ear muffs).

Risk: material falling from a height.

Activities exposed to risk: Work carried out under construction and fitting out works.
Work performed on scaffolding.
Transport of materials using lifting equipment.

Risk compensation: Use of PPE (helmet).
Delimitation of work areas.
Adequate slinging of loads.



Risk: people falling from heights.

Activities exposed to risk: Assembly/disassembly of provisional works.
Work at height on trestle bridges.
Work to be carried out at height ($h > 2$ m).
Work to be carried out on scaffolding.
Use of single or double hand ladders.

Risk compensation: Appropriate demarcation of risk areas.
Use of equipment that complies with standards.
Use of PPE (harnesses).

Risk: electrocution.

Activities exposed to risk: Use of electrical machinery and equipment.
Working in the vicinity of overhead and
underground power lines.

Risk compensation: Construction of the compliant site installation.
Sectioning of the electrical installation.
Coordination of the earthing system.
Use of double-insulated equipment.
Use of (properly insulated) that is that of
(properly insulated) (electric) that is (properly
insulated).
Positioning of cables in protected areas.



Risk: falling down.

Activities exposed to risk: Flatwork.
Passing people along paths, walkways
and service ramps.

Risk compensation: Removal of encumbrances and obstacles
in areas working areas and along service routes.

Risk: contact with sharp and stinging parts.

Activities exposed to risk: Passage of people along paths and
service walkways.
Contact with mechanical parts of installations.

Risk compensation: Protection of end and/or protruding parts with
caps and sleeves.
Marking of hazardous parts. Marking of work
areas at risk.