



European Council for Qualification and Certification of Stage and Event Technicians

Safety passport Occupational Standard

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Description:

The safety passport includes a set of competences that are essential for safe work in a performance or event environment. These competences form the fundament for all other, more specialised safety competences.

Scope note:

Competences that are subject to specific regulation in some countries are deliberately excluded.

Competences

work with respect for own safety

- Show awareness of risks related to activities in the performing arts and act accordingly to ensure the own safety.
- **Scope Note**
 - Includes protection against occupational diseases
 - Includes the theoretical background of risk prevention
- **Skill**
 - Understand the risks in a performance environment and the mechanisms behind them
 - Understand your own position in the safety chain and act accordingly
 - Work according to safety training and instructions
 - Protect oneself against hazards
 - Signal risks to a responsible
- **Underpinning Knowledge**
 - Accident theory
 - Five steps to reduce risk
 - Your rights and obligations
- **Attitude**
 - Safety awareness
 - Awareness of your own behaviour
- **ESCO URI:** <http://data.europa.eu/esco/skill/b73035a9-bf06-412c-9796-db579f85995c>

contribute to a safe and sustainable working environment

- Show awareness of risks related to your and your colleagues' activities on stage and in the audience area in the performing arts and act accordingly to ensure the own safety.

- **Scope Note**
 - Limited to the actions practitioners can take within the responsibility of their function and their position in the chain of command.
 - Includes the theoretical background of the organisation of health and safety.

- **Skills**
 - Works with attention for the safety of colleagues, artists, public and other stakeholders.
 - Detects, prevents and protects against risks and injury (such as electric shock, hearing damage, hazardous substances, tripping, fire, ...)
 - Pays attention to minimum lighting conditions and sound levels on stage to ensure orientation and communication during setup, focus, sound check, rehearsal and performance.
 - Works with attention for the sustainable use of materials and energy.
 - Proposes improvement and prevention measures.
 - Informs him/herself about the regulations and practices in unfamiliar workplaces.
 - Works according to the rules and regulations of the workplace.
 - Mounts and uses collective protection equipment where needed.
 - Acts according to the agreed procedure in case of an emergency.
 - Complies with legal working time regulations.

- **Underpinning Knowledge**
 - Risks on stage
 - Safety in the audience area
 - Sustainability
 - Safety Legislation
 - Danger signs
 - Prohibition signs

- **Attitude**
 - Safety awareness
 - Awareness of others' behaviour

work ergonomically

- Apply ergonomic principles in the organization of the workplace and do so while manually handling equipment and materials.

- **Skills**
 - Identifies ergonomic risks
 - Organises workplace ergonomically
 - Applies the ergonomic principles and methods while lifting, carrying or moving heavy or unpractical loads
 - Uses the right equipment when lifting, carrying or moving heavy objects
 - Asks for help for tasks they can't carry out on their own
 - Communicates with colleagues while lifting, carrying or moving objects

- **Underpinning Knowledge**
 - Risks as result of manual handling
 - Ergonomic methods
 - Equipment for lifting, carrying or moving

- **Attitude**
 - Awareness of long term impact on personal health
- **ESCO URI:** <http://data.europa.eu/esco/skill/156f8c5b-894a-4ccc-a70e-37a2726f3f00>

use personal protection equipment

- Assess the need for personal protection equipment according to training, instruction and manuals. Inspect the equipment and use it consistently.
- **Scope Note**
 - Includes safety shoes, hearing protection, gloves, hard hats, fall protection, etc.
 - Excludes climbing equipment
- **Skill**
 - Identifies / spots the risks for personal injury
 - Chooses the appropriate PPEs according to the risks
 - Checks the PPEs before use
 - Uses safety shoes, hearing protection, gloves, hard hats etc. according to instructions and regulations
 - Chooses a safe attachment point for the fall protection
 - Maintains and stores the PPEs
- **Underpinning Knowledge**
 - Body protection
 - Eye and face protection
 - Hearing protection
 - Breathing protection
 - Fall protection
 - Mandatory action signs
- **Attitude**
 - Personal safety awareness
 - Awareness of long term impact on personal health
 - Non macho attitude
- **ESCO URI:** <http://data.europa.eu/esco/skill/51754b8a-3e2c-4cc1-86e6-cf510d9c6fe4>

Prevent fire in a performance environment

- Take the appropriate steps to prevent fire in a performance environment.
- **Scope Note**
 - Excludes the actual fire intervention and evacuation organisation.
- **Skill**
 - Identifies, spots and reduces fire risks.
 - Checks used materials for fire resistance.
 - Ensures safe distance to hot surfaces.
 - Ensures free access to firefighting equipment.
 - Ensures free access to emergency exits and escape routes.

- Ensures visibility of safety icons, safety and emergency lighting.
 - Acts according to the agreed procedure in case of a fire accident.
 - Stores flammable substances according to instructions and regulations.
- **Underpinning Knowledge**
 - Fire theory
 - Fire classes
 - Risks of fire, smoke and CO
 - Firefighting signs
 - Evacuation routes and compartments
 - Emergency escape or first-aid signs
 - Properties of materials
 - Safety distances
 - Storage of hazardous substances
 - **Attitude**
 - Safety awareness
 - **ESCO URI:** <http://data.europa.eu/esco/skill/5f08605b-aa03-45ed-bc49-395477783a38>

work safely at heights

- Take necessary precautions while working at height, on ladders, mobile scaffolding, fixed working bridges, single person lifts etc. in order to prevent falling or endangering people working under these structures.
- **Scope Note**
 - Includes surfaces and areas more than 1m above adjacent floor, like ladders, mobile scaffolding, fixed working bridges, and telescope single person lifts which can't drive while at height.
 - Excludes self-driving lifts at heights (cherry picker, fork lifts with basket,...)
- **Skill**
 - Selects and uses the appropriate equipment to go to the high working post
 - Identifies / spots environmental influences and changes that affect the safe use (weather, rake, floor stability,...)
 - Ensures underlying work area is free
 - Mounts and uses the equipment according to the safety regulations and instructions
 - Visually inspects the equipment
 - Applies the appropriate collective protection
 - Uses the appropriate personal protection equipment
 - Ensures no objects can fall during activity
 - Secures small tools and equipment
 - Closes off underlying areas
 - Communicates with colleagues while working at height
- **Underpinning Knowledge**
 - Ladders
 - Mobile tower scaffold
 - Mobile elevating work platform
 - Fall protection

- **Attitude**
 - Safety awareness
 - Proactive
- **ESCO URI:** <http://data.europa.eu/esco/skill/fafbb75f-ec35-4cc2-996a-20c85ef6c266>

work safely with mobile electrical systems under supervision

- Take the necessary precautions while providing temporary power distribution for performance and art facility purposes under supervision.
- **Scope Note**
 - This competence specifically deals with activities under supervision (not personal responsibility). In other words, the responsibility for the final work, which is part of electrical legislation and certification in most countries, is the responsibility of the supervisor.
- **Skill**
 - Provides power distribution for light, stage, sound, video and rigging purposes.
 - Calculates mono-phase electric loads.
 - Puts cables, fuse boards and splitters in place, based on instructions.
 - Connects, labels, protects, and secures cables.
 - Performs visual inspections for electrical risks.
 - Troubleshoots basic problems: checking cables, connections, ...
 - Acts according to the agreed procedure in case of an electrical accident.
- **Underpinning Knowledge**
 - Basic electrical concepts and calculations
 - Electrical Risks
 - Protection against electrical risks
 - Cables and connections
 - Body protection
 - Eye and face protection
- **Attitude**
 - Awareness of invisible risks
 - Awareness of others' behaviour
- **ESCO URI:** <http://data.europa.eu/esco/skill/b69cb255-e939-4928-b3fd-9557087dce52>

work safely with machines

- Work safely with hand tools and commonly used powered hand tools, required for your work, according to manuals and instructions.
- **Scope note**
 - Includes hand tools like hammers, screwdrivers, staplers, etc.
 - Includes more generally used small electrical and mechanical tools that are also used in nonprofessional environments like drills, manual sawing machines, washing machines, floor cleaning machines, sewing machines, etc.
 - Excludes permanently installed equipment or specialized theatre equipment.

- **Skill**
 - Uses the right tools for the job and material.
 - Works according to the safety instructions.
 - Ensures work environment is clean, clear and stable.
 - Ensures materials are fixed securely.
 - Prevents risks for yourself and environment.
- **Underpinning Knowledge**
 - Hand tools
 - Powered Hand tools
- **Attitude**
 - Safety awareness
 - Awareness of others' behaviour
 - Awareness of your environment
- **URI:** <http://data.europa.eu/esco/skill/4c831013-9027-4ec6-83de-c5c19e68d083>

work safely with chemicals

- Take the necessary precautions for storing, using and disposing of chemical products.
- **Scope Note**
 - Includes washing and cleaning products, glues, paints, make up, smoke liquids, CO₂,... and other products normally used in a performance environment.
 - Excludes pyrotechnics.
- **Skill**
 - Identifies products based on manufacturers' information, safety information sheets, etc.
 - Takes precautions
 - Chooses the right tools to handle the materials
 - Ensures work environment is clean, clear and stable
 - Prevents unnecessary exposure to chemicals
 - Ensures ventilation
 - Works according to the safety instructions
 - Stores chemicals according to regulations
 - Disposes chemicals according to regulations
 - Acts according to the agreed procedure in case of an accident
- **Underpinning Knowledge**
 - Risks and Labels of hazardous substances
 - Safety data sheets
 - Storage of hazardous substances
 - Danger signs
 - Body protection
 - Eye and face protection
 - Breathing protection
- **Attitude**
 - Safety awareness

- Awareness of long term impact on personal health
 - Awareness of risk for other persons' exposition and allergic reaction during work with chemicals
 - Respect for safety warnings and instructions
- **URI:** <http://data.europa.eu/esco/skill/89d2bb53-67fc-4b9e-80c7-07b6c587bc0d>

Fit up and rig performance equipment

- Fit up and rig basic performance equipment that is commonly used on and around stage (sound, light, video, set and machinery) and secure it against falling (secondary safety)
- **Scope Note**
 - Excludes the building, using and hanging of the suspension constructions.
 - Limited to the physical placement of the temporary equipment.
 - Excludes the electrical connections (which are dealt with in the competence on mobile electricity).
- **Skill**
 - Transports, places, moves, stacks and transports technical performance equipment and materials according to the needs during the fit up.
 - Inspects the technical performance equipment visually for damage, wear and tear.
 - Mounts and rigs technical performance equipment according to instructions and/or plans.
 - Takes safety precautions when working at or below heights.
 - Checks that technical performance equipment and objects can move freely during different operations when needed.
 - Immobilizes technical performance equipment once in place.
 - Secures technical performance equipment and accessories.
 - Checks that all technical performance equipment is secured according to safety procedures.
 - Takes action if something goes wrong or is unsafe.
 - Reports if something is not performed according to the agreed procedures.
- **Underpinning Knowledge**
 - Principles of mechanics
 - Identifying and checking technical performance equipment
 - Suspension systems
 - Risks on stage
- **Attitude**
 - Safety awareness
 - Awareness of others behaviour
 - Attention to movements around you

Assessment methods

- All skills are tested in at least two contexts or circumstances.
- Skills that are frequently reoccurring in practice are tested by observation in a simulated environment.
- Skills that are difficult to simulate can be tested by oral or written, competence focussed questions.
- Underpinning knowledge is only measured when not measurable in the skills component.