



Abu Dhabi Occupational Safety and Health System Framework (ADOSH-SF)

Code of Practice

CoP 17.0 – Safety Signage and Signals

Version 4.0

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1. Introduction

- (a) This Code of Practice (CoP) applies to all employers within the Emirate of Abu Dhabi. This CoP is designed to incorporate requirements set by UAE and Abu Dhabi regulatory authorities. If requirements of this document conflict with requirements set by another regulatory authority, employers are required to follow the more stringent requirement.
- (b) This CoP requires employers to use OSH signs where there is a significant OSH risk that has not been avoided or controlled by the methods required under *OSHAD - SF - Element 2 - Risk Management*, provided the use of OSH signs can help reduce the risk. OSH signs are not a substitute for those other methods of controlling risks such as engineering controls and safe systems of work.
- (c) This CoP applies to all workplaces and to all activities where a person(s) are employed, but excludes signs used in connection with transport or the supply and marketing of dangerous substances, materials, products and equipment.

2. Training and Competency

- (a) Employers shall ensure that OSH training complies with the requirements of:
 - (i) *ADOSH-SF - Element 5 - Training, Awareness and Competency;*
 - (ii) *ADOSH-SF - Mechanism 7.0 - Occupational Safety and Health Practitioner and Service Provider Registration.*
- (b) Employers shall ensure all employees receive appropriate training in the meaning of safety signs and the control measures to be implemented in connection with safety signs.
- (c) Employers shall ensure that specialist training is provided to persons who, through their roles and responsibilities, are required to use hand signals to direct others, e.g. slingers or banksman.
- (d) The employer shall maintain a record of training required under this section. The record shall contain:
 - (i) employee name and ID Number;
 - (ii) Emirates ID number;
 - (iii) identification of training received;
 - (iv) name of person providing the training; and
 - (v) date(s) of training.

3. Requirements

3.1. Roles and Responsibilities

3.1.1. Employer

- (a) Employers shall undertake their roles and responsibilities in accordance with the general requirements of *ADOSH-SF - Element 1 - Roles, Responsibilities and Self-Regulation* Section 3.2.5.
- (b) Employers shall comply with *Article 2 and 14 of Ministerial Order No. 32 of 1982*.

3.1.2. Employees

- (a) Employees shall undertake their roles and responsibilities in accordance with the general requirements of *ADOSH-SF - Element 1 - Roles, Responsibilities and Self-Regulation* Section 3.2.7.
- (b) Employees shall ensure they follow all the rules and regulation set by the employer with regards to OSH Signs and Signals.
- (c) Employees shall ensure that they immediately report any hazard or information that may affect, adversely or otherwise, the works being undertaken.
- (d) Employees shall not wilfully damage or remove items, such as OSH signs, that are provided for the purpose of safety.

3.2. Definitions

- (a) This CoP covers a variety of methods of communicating OSH information in addition to the traditional safety sign or signboard. The terms used in this CoP mean the following:
 - (i) OSH sign - a sign providing information or instruction about OSH at work by means of a signboard, a color, an illuminated sign or acoustic signal, a verbal communication or hand signal;
 - (ii) OSH signboard - a sign which provides information or instructions by a combination of shape, color and a symbol or pictogram and which is rendered visible by lighting of appropriate intensity. In practice many signboards may be accompanied by supplementary text (e.g. 'Fire Exit' alongside the symbol of a moving person). Signboards can be of the following types shown in Table 1;




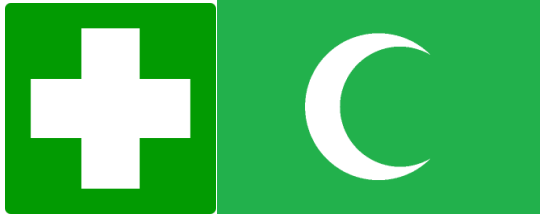
| | |
|---|--|
| Prohibition Sign – a sign prohibiting behavior likely to increase or cause danger (eg. ‘no access for unauthorized persons’) |  |
| Hazard Warning Sign – a sign giving warning of a hazard or danger (eg. ‘danger: electricity’); |  |
| Mandatory Sign – a sign prescribing specific behavior (eg. ‘eye protection shall be worn’) |  |
| Emergency escape or First-Aid sign – a sign giving information on emergency exits, first aid, or rescue facilities (eg. ‘emergency exit/escape route’) |  |

Table 1: Types of Signage

- (iii) safety color – a color to which a specific meaning is assigned (eg yellow means ‘be careful’ or ‘take precautions’);
- (iv) symbol or pictogram – these appear in Appendix 1 although some variation in detail is acceptable provided the meaning is the same. They are for use on a signboard or illuminated sign (e.g. the trefoil ionizing radiation warning sign);
- (v) illuminated sign – a sign made of transparent or translucent materials which is illuminated from the inside or the rear to give the appearance of a luminous surface (e.g. many emergency exit signs);
- (vi) acoustic signal – a sound signal which is transmitted without the use of a human or artificial voice (e.g. fire alarm);
- (vii) verbal communication – a predetermined spoken message communicated by a human or artificial voice;
- (viii) hand signal – a movement or position of the arms or hands giving a recognized signal and guiding persons who are carrying out maneuvers which are a hazard or danger to people; and

- (ix) fire safety sign - refer to Section 3.9.

3.3. Planning and Assessment

- (a) Employers shall evaluate each site or operation to determine if hazards are present and the workplace shall be assessed using risk management practices as required by *ADOSH-SF - Element 2 - Risk Management*.
- (b) When the control measures identified in the assessment have been implemented, there may be a 'residual' risk such that employees need to be warned, and informed of any further measures necessary. OSH signs are needed if they will help to reduce this residual risk.
- (c) This CoP makes it clear that OSH signs are not a substitute for other means of controlling risks to employees; signs are to warn of any remaining significant risk or to instruct employees of the control measures they shall take in relation to these risks. For example in some workplaces there may remain a risk of foot injury despite implementing appropriate control measures.

3.4. Using Safety Signs

- (a) Employers shall determine where to use OSH signs through consideration of the results of the risk assessment made under *ADOSH-SF - Element 2 - Risk Management*.
- (b) The signs shown in Appendix 1 of this CoP are to be used when it is necessary to convey the relevant message or information.
- (c) If the hearing or sight of any employee is impaired for any reason, for example, by wearing personal protective equipment, additional control measures may need to be implemented to ensure that employees can see or hear the warning sign or signal, for example by increasing the brilliance or volume.
- (d) In some cases more than one type of OSH sign may be necessary, for example, an illuminated warning sign indicating a specific risk combined with an acoustic alarm meaning 'general danger' to alert people, or hand signals combined with verbal instructions.
- (e) Where signboards are used in a workplace the employer shall ensure that they are sufficiently large and clear so that they can be easily seen and understood.
- (f) OSH signs shall be in a language that is appropriate to the majority of the workforce, including Arabic and English.
- (g) Signboards shall be durable, securely fastened and appropriately maintained (e.g. washed or resurfaced) to ensure they remain visible.
- (h) Permanent signboards shall be used, except in cases where the workplace or hazard is temporary. Even in these cases OSH signs still need to be consistent with the requirements of this CoP. For example, use of a portable warning sign by cleaners may be necessary if a hazard such as a slippery floor exists for a short period.

- (i) Employers shall avoid using too many signboards in close proximity to prevent confusion or important information being overlooked. Signboards are only effective if they can be seen and understood.

3.5. Maintenance of OSH Signs

- (a) Safety signs need to be appropriately maintained so that they are capable of performing the function for which they are intended. This can range from the routine cleaning of signboards to regular checks of illuminated signs and acoustic signals to see that they work appropriately.
- (b) A guaranteed supply of power or back-up in the event of failure is necessary for safety signs and signals which require some form of power to enable them to operate (unless the hazard is itself eliminated by the power failure).
- (c) Employers shall ensure that safety signage is not obstructed and can be clearly seen in all directions.

3.6. Safety Colors

- (a) In this CoP, signs incorporating certain colors have specific meanings. Table 2 identifies the colors for safety signs generally (for fire safety signs, refer to section 3.9).

| Color | Meaning or Purpose | Instruction and Information |
|-----------------|--|---|
| Red | Prohibition sign Danger alarm | Dangerous behavior; stop; shutdown; emergency cut-out devices, evacuate |
| Yellow or Amber | Warning sign | Be careful; take precautions; examine |
| Blue | Mandatory sign | Specific behavior or action eg. wear protective equipment |
| Green | Emergency escape First-aid No danger | Doors; exits; escape routes; equipment and facilities Return to normal sign |

Table 2 - Safety Sign Colors (excluding fire safety signs)

3.7. Acoustic or Illuminated Signs

- (a) When acoustic signals or illuminated signs need to be activated (either automatically or in line with other safety arrangements) it is important they remain so for as long as the danger exists or until receipt of any planned acknowledgement.
- (b) Acoustic signals and illuminated signs need to be checked at regular intervals to ensure that they are functioning correctly. The more hostile the environment, the more frequently they will need to be checked.

3.7.1. Illuminated Signs

- (a) Illuminated signs shall be bright enough to be seen, without causing glare.
- (b) Care shall be taken to ensure that a number of illuminated signs are not used together if this could give rise to confusion. Confusion could also arise if an illuminated sign is placed close to any other similar light source.
- (c) The luminous area of the sign shall be of a single safety colour, as per sections 3.6, or contain a pictogram on a specified background consistent with the requirements of Appendix 1 of this CoP.
- (d) If an illuminated sign can be either 'on' continuously or operate intermittently (e.g. flash on and off), use the flashing sign to indicate a higher level of danger or a more urgent need for intervention or action.
- (e) The duration and frequency of flashes for an intermittent illuminated sign shall be such as to ensure the message is appropriately understood, and avoid any confusion with other illuminated signs, including continuous illuminated signs.
- (f) If a flashing sign is used instead of, or together with, an acoustic signal, it is important to synchronise the two. This means that the duration and frequency of flashes need to be in line with both the pulse length and interval for an acoustic signal. The choice of equipment and the way it operates shall take into account other risks, refer to section 3.3. For example, with fast flicker rates epilepsy could be triggered in some people, or in other cases some types of electronic pulse could be a danger in respect of stores containing certain explosives.
- (g) Where flashing signs are used to warn of imminent danger, it is particularly important to ensure that control measures are in place to either detect failure of the sign quickly or to prevent its failure (e.g. by fitting duplicate bulbs etc.).

3.7.2. Acoustic Signals

- (a) Acoustic signals need to be set at a level which is considerably higher at their frequency than the ambient noise, for example 10 dB above the level of ambient noise at that frequency. However, ensure the level is neither excessive nor painful. It is also important for signals to be easily recognisable, particularly in terms of pulse length and the interval between pulses or groups of pulses.
- (b) The employer shall ensure that acoustic signals are not used more than one at a time.

- (c) If a device can emit an acoustic signal at variable frequencies (this includes an intermittent signal operating on a discrete frequency) or constant frequencies, use the variable frequency set at 10 dB above the ambient level at the appropriate frequency, to indicate a higher level of danger or a more urgent need for intervention or action.

3.8. Use of Signs on Containers and Pipes

- (a) Employers shall ensure that containers, tanks, vessels used in the workplace to contain dangerous materials / substances or visible pipes containing or transporting dangerous materials / substances or under pressure shall have signs or labels affixed to warn persons of the dangers within.
- (b) The signs affixed shall be in line with the requirements of this CoP and those within the Abu Dhabi Building Codes issued by authorities in charge of regulating building and construction.

3.9. Fire Safety Signs

- (a) A fire safety sign is defined as a sign (including an illuminated sign or an acoustic signal) which:
 - (i) provides information on escape routes and emergency exits in case of fire;
 - (ii) provides information on the identification or location of firefighting equipment; or
 - (iii) gives warning in case of fire.
- (b) The employer, following completion of a fire risk assessment, as defined in *ADOSH-SF- Element 6 - Emergency Management*, shall place fire signage at appropriate locations throughout the building.
- (c) The employer shall also take into account the requirements listed within the *Abu Dhabi Building Codes* issued by authorities in charge of regulating building and construction. And the *Civil Defence - UAE Fire and Life Safety Code of Practice* with regards to fire signs.

3.9.1. Fire Signage Colour

- (a) Information on general signage colors is given in section 3.6 of this CoP, and specific information relating to fire safety signage is given in table 3.

| Color | Meaning or Purpose | Instruction and Information |
|-------|------------------------|--------------------------------|
| Red | Firefighting Equipment | Identification and Location |
| Green | Emergency Escape | Doors, exits and escape routes |

Table 3 - Fire Safety Sign Colours

3.9.2. Using Fire Signage

- (a) Alternative exits (e.g. all emergency exits and any exits not in normal use) shall be clearly indicated so that people know that there are ways to leave other than the way they use to enter. In addition, the provision of well signposted exits in full view will give a feeling of security in an emergency.
- (b) Employers shall ensure that the fire exit sign is displayed immediately above the exit opening or, if this is not reasonably practicable, choose a position where the sign can be clearly seen and is least likely to be obstructed or obscured by smoke.
- (c) Where an exit cannot be seen or where a person escaping may be in doubt about the location of an exit (e.g. in warehouses where goods for transit and other obstructions may prevent a clear view of the exit doors), fire exit signs including directional arrows shall be placed at appropriate points along the escape route.
- (d) In buildings with multiple tenants, the duty holder shall ensure that the placing of fire signage is coordinated so as not to confuse staff when exiting under emergency conditions.

3.10. Using Hand Signals to Direct Hazardous Operations

- (a) Hand signals can be used to direct hazardous operations such as crane or vehicle manoeuvres. Ensure that the signals are precise, simple, and easy to make and understand.
- (b) Employers shall ensure that the signaller is competent to make hand signals, and is trained in their correct use.

3.10.1. Specific Rules Governing Use of Hand Signals

- (a) The signaller shall be able to see all the manoeuvres being made by the people receiving the signals without being endangered by them.
- (b) During manoeuvres, make sure that the duties of the signaller are confined to directing manoeuvres and to other specific control measures aimed at the safety of nearby employees (e.g. keeping people back a safe distance).

- (c) In some cases the precautions described above may need supplementing, for example with further signallers to help co-ordinate the action. In such cases duty holders shall ensure that the person receiving the signals takes them from one signaller only, unless specific arrangements have been made.
- (d) When an operator is unable to continue the manoeuvre safely, the operation needs to be discontinued until further instructions are received from the signaller.

3.10.2. Codes of Hand Signals

- (a) Where hand signals are used ensure they are consistent with the signals shown in Appendix 2 of this CoP or meet either *BS 6736;1986 - CoP for Hand Signalling for use in Agricultural Operations*, *BS 7121-1:2006 - CoP for Safe Use of Cranes* or *ISO7010:2003 Graphical Symbols - Safety Colours and Safety Signs - Safety Signs used in Workplaces and Public Areas*.
- (b) There may be situations where these codes of hand signals are insufficient to meet communication needs. In these cases additional signals can be used based on existing signalling practice.
- (c) Irrespective of the code of hand signals chosen, it is important that they are used consistently throughout. If employees are unfamiliar with the code in use then appropriate training is necessary. Particular care is needed with new employees who have previously used different codes of hand signals. They may not fully understand the signals in use and may therefore require retraining.


















4. References













- *UAE Ministerial Order No. 32 of 1982*
- *Civil Defence – UAE Fire and Life Safety Code of Practice*
- *HSE – Safety Signs and Signals (L64) – HSE Books, ISBN 978 0 7176 6598 3.*
- *BS5738-2:1980. Safety Signs and Colours*
- *BS 6736;1986. Code of Practice for Hand Signalling for use in Agricultural Operations*
- *BS 7121-1:2006.Code of Practice for safe use of Cranes*
- *ISO7010;2003. Graphical Symbols - Safety colours and safety signs - Safety signs used in workplaces and public areas*




5. Document Amendment Record

| <i>Version</i> | <i>Revision Date</i> | <i>Description of Amendment</i> | <i>Page/s Affected</i> |
|----------------|----------------------|---|------------------------|
| 4.0 | 15th July 2024 | <i>System acronym updated from OSHAD-SF to ADOSH-SF to accurately reflect document title</i> | Throughout |
| | | <i>Change from OSHAD to ADPHC</i> | |
| | | <i>Change of Logo</i> | |
| | | <i>Minor editorial changes throughout the document without changing requirements.</i> | |
| | | <i>Title of Mechanism 7.0 updated to ADOSH-SF - Mechanism 7- Public and Preventive Health Practitioner and Service Provider Accreditation</i> | 4 |
| | | <i>OSHAD-SF - Mechanism 8.0 - OSH Practitioner Registration deleted</i> | |



Appendix 1: - Typical Signage



| Safety sign, reference number and referent | Category | | | | |
|--|---|---|--|---|---|
| | E | F | M | P | W |
| | Means of escape and emergency equipment signs (safe condition signs) | Fire safety signs | Mandatory action signs | Prohibition signs | Warning signs |
| Safety sign |  |  |  |  |  |
| Reference number Referent | E001 Emergency exit (left hand) | F001 Fire extinguisher | M001 General mandatory action sign | P001 General prohibition sign | W001 General warning sign |
| Safety sign |  |  | — |  |  |
| Reference number Referent | E002 Emergency exit (right hand) | F002 Fire hose reel | — — — | P002 No smoking | W002 Warning; Explosive material |
| Safety sign |  |  | — |  |  |
| Reference number Referent | E003 First aid | F003 Fire ladder | — — — | P003 No open flame; Fire, open ignition source and smoking prohibited | W003 Warning; Radioactive material or ionizing radiation |
| Safety sign |  |  | — |  |  |
| Reference number Referent | E004 Emergency telephone | F004 Collection of fire fighting equipment | — — — | P004 No thoroughfare | W004 Warning; Laser beam |



| Safety sign, reference number and referent | Category | | | | |
|--|--|--|---------------------------|---|---|
| | E | F | M | P | W |
| | Means of escape and emergency equipment signs (safe condition signs) | Fire safety signs | Mandatory action signs | Prohibition signs | Warning signs |
| Safety sign |  |  | — |  |  |
| Reference number | E005 | F005 | — | P005 | W005 |
| Referent | Direction, arrow (90° increments), safe condition | Fire alarm call point | — | Not drinking water | Warning; Non-ionizing radiation |
| Safety sign |  |  | — |  |  |
| Reference number | E006 | F006 | — | P006 | W006 |
| Referent | Direction, 45° arrow (90° increments), safe condition | Fire emergency telephone | — | No access for fork lift trucks and other industrial vehicles | Warning; Magnetic field |
| Safety sign | — | — | — |  |  |
| Reference number | — | — | — | P007 | W007 |
| Referent | — | — | — | No access for persons with pacemakers | Warning; Obstacles |
| Safety sign | — | — | — |  |  |
| Reference number | — | — | — | P008 | W008 |
| Referent | — | — | — | No metallic articles or watches | Warning; Drop (fall) |

| Safety sign, reference number and referent | Category | | | | |
|--|--|-------------------|---------------------------|-------------------|---|
| | E | F | M | P | W |
| | Means of escape and emergency equipment signs (safe condition signs) | Fire safety signs | Mandatory action signs | Prohibition signs | Warning signs |
| Safety sign | — | — | — | — |  |
| Reference number | — | — | — | — | W009 |
| Referent | — | — | — | — | Warning; Biological hazard |
| Safety sign | — | — | — | — |  |
| Reference number | — | — | — | — | W010 |
| Referent | — | — | — | — | Warning; Low temperature/ freezing conditions |
| Safety sign | — | — | — | — |  |
| Reference number | — | — | — | — | W011 |
| Referent | — | — | — | — | Warning; Slippery surface |



**1A: Description and Application of referent for Means of Escape and Emergency Equipment signs
(Safe Condition Signs) Category E**



| Reference No. Referent | Safety sign | Description/application | |
|---|---|-------------------------------|--|
| E001 Emergency exit (left hand) |  | Function | To signify an escape route to an area of safe condition |
| | | Image content | Full view of man moving (to left) through doorway |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Supplementary arrow sign is used to give directional information (E005, E006) Safety manuals and notices To improve conspicuity, use with a supplementary sign |
| | | Additional information | See ISO 3864-1 for examples of use |
| E002 Emergency exit (right hand) |  | Function | To signify an escape route to an area of safe condition |
| | | Image content | Full view of man moving (to right) through doorway |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Supplementary arrow sign is used to give directional information (E005, E006) Safety manuals and notices To improve conspicuity, use with a supplementary sign |
| | | Additional information | See ISO 3864-1 for examples of use |



| Reference No. Referent | Safety sign | Description/application | |
|-----------------------------|---|-------------------------|---|
| E003 First aid |  | Function | To signify the location of first aid equipment or facilities |
| | | Image content | A white cross on a green background or an alternative appropriate recognized ethnic element |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |
| E004 Emergency telephone |  | Function | For summoning first aid or rescue |
| | | Image content | Telephone receiver in profile, with determinative cross or with another appropriate element evocative for the targeted cultural group |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |

| Reference No. Referent | Safety sign | Description/application | |
|---|---|-------------------------|---|
| E005 Direction, arrow (90° increments), safe condition |  | Function | To indicate direction (the arrow may be rotated in increments of 90° from the vertical) |
| | | Image content | Arrow with Belgian head, with angle at apex ranging between 84° and 86° |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing as supplementary sign Safety manuals and notices |
| | | Additional information | See ISO 3864-1 supplementary sign |
| E006 Direction, 45° arrow (90° increments), safe condition |  | Function | To indicate direction (the arrow may be rotated in increments of 90° from 45°) |
| | | Image content | Arrow with Belgian head, with angle at apex ranging between 84° and 86° |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing as supplementary sign Safety manuals and notices |
| | | Additional information | See ISO 3864-1 supplementary sign |


1B: Description and Application of referent for Fire Safety Signs (Category F)

| Reference No. Referent | Safety sign | Description/application | |
|---------------------------|--|-------------------------|---|
| F001 Fire extinguisher |  | Function | To signify a fire extinguisher |
| | | Image content | Front view of fire extinguisher with determinative flames |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Fire safety signing Fire safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |
| F002 Fire hose reel |  | Function | To indicate fire hose reel |
| | | Image content | Fire hose reel in profile with determinative flames |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Fire safety signing Fire safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |


| Reference No. Referent | Safety sign | Description/application | |
|---|---|-------------------------|--|
| F003 Fire ladder |  | Function | To signify a fire ladder |
| | | Image content | Front view of vertical ladder with determinative flames |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Fire safety signing Fire safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |
| F004 Collection of fire fighting equipment |  | Function | To signify a collection of fire fighting equipment |
| | | Image content | Fire helmet with determinative flames |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Fire safety signing Fire safety manuals and notices |
| | | Additional information | The shape of the helmet may be changed to better represent a country's style of fire helmet Supplementary text sign may be used to increase comprehension |



| Reference No. Referent | Safety sign | Description/application | |
|----------------------------------|---|-------------------------|--|
| F005 Fire alarm call point |  | Function | To signify a fire alarm call point |
| | | Image content | Hand with projecting finger on push button of call point with determinative flames |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Fire safety signing Fire safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |
| F006 Fire emergency telephone |  | Function | To signify fire emergency telephone |
| | | Image content | Telephone receiver shown in profile with determinative flames |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Fire safety signing Fire safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |



1C: Description and Application of referent for Mandatory action signs(Category M)



| Reference No. Referent | Safety sign | Description/application | |
|---------------------------------------|---|-------------------------|---|
| M001 General mandatory action sign |  | Function | To signify a mandatory action |
| | | Image content | Exclamation mark |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Requires supplementary sign to give further information |


1D: Description and Application of referent for Prohibition Signs (Category P)

| Reference No. Referent | Safety sign | Description/application | |
|----------------------------------|---|-------------------------|---|
| P001 General prohibition sign |  | Function | To signify a prohibited action |
| | | Image content | None, prohibition shape and colour only |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Requires supplementary sign to give further information |


| Reference No. Referent | Safety sign | Description/application | |
|---|---|-------------------------|---|
| P002 No smoking |  | Function | To prohibit smoking |
| | | Image content | Cigarette shown in profile with smoke |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |
| P003 No open flame; Fire, open ignition source and smoking prohibited |  | Function | To prohibit smoking and all forms of open flame |
| | | Image content | Match shown in profile with flame |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |



| Reference No. Referent | Safety sign | Description/application | |
|----------------------------|---|-------------------------|---|
| P004 No thoroughfare |  | Function | To prohibit a person from using a designated thoroughfare |
| | | Image content | Stylized man walking (left hand) |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |
| P005 Not drinking water |  | Function | To prohibit the drinking of unsuitable water |
| | | Image content | Tap above glass containing water indicated by wavy lines |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |

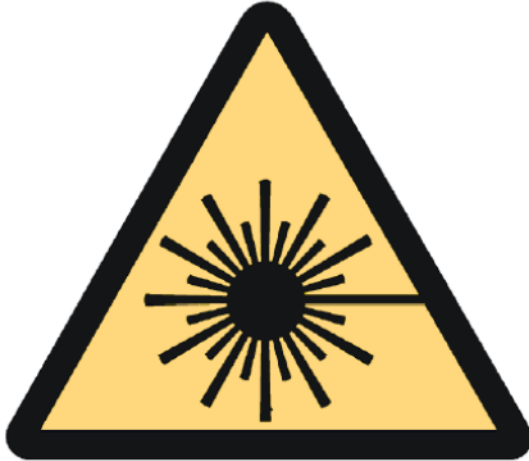

| Reference No. Referent | Safety sign | Description/application | |
|---|---|-------------------------------|--|
| P006 No access for fork lift trucks and other industrial vehicles |  | Function | To prohibit the use of fork lift trucks and other industrial vehicles in hazardous areas |
| | | Image content | Truck shown in profile with stylized driver |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |
| P007 No access for persons with pace-makers |  | Function | To prohibit a person from passing through a device that might harm a pacemaker |
| | | Image content | Stylized heart shape with cable |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |



| Reference No. Referent | Safety sign | Description/application | |
|---|---|-------------------------|--|
| P008 No metallic articles or watches |  | Function | To prohibit metallic articles and watches in a designated area |
| | | Image content | Stylized face of an analog wristwatch and the flat side of a key |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |



1E: Description and Application of referent for Warning Signs (Category W)



| Reference No. Referent | Safety sign | Description/application | |
|------------------------------|---|-------------------------|---|
| W001 General warning sign |  | Function | To signify a general warning |
| | | Image content | Exclamation mark |
| | | Field of application | For everyday use in workplaces and public area |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Requires supplementary sign to give further information |

| Reference No. Referent | Safety sign | Description/application | |
|--|---|-------------------------|--|
| W002 Warning; Explosive material |  | Function | To warn of a hazard from explosive materials |
| | | Image content | Stylized exploding bomb |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |
| W003 Warning; Radio- active material or ionizing radiation |  | Function | To warn of a hazard from radioactive materials or ionizing radiation |
| | | Image content | As abstract image shown opposite |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |







| Reference No. Referent | Safety sign | Description/application | |
|--|---|-------------------------|---|
| W004 Warning; Laser beam |  | Function | To warn of a hazard from a laser beam |
| | | Image content | As abstract image shown opposite |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |
| W005 Warning; Non-ionizing radiation |  | Function | To warn of a hazard from non-ionizing radiation |
| | | Image content | As abstract image shown opposite |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |

| Reference No. Referent | Safety sign | Description/application | |
|------------------------------------|---|-------------------------|---|
| W006 Warning; Magnetic field |  | Function | To warn of a hazard from a magnetic field |
| | | Image content | Stylized magnet with two radiating arcs either side |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |
| W007 Warning; Obstacles |  | Function | To warn of a hazard from obstacles |
| | | Image content | Stylized man tripping over floor obstacle |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |

| Reference No. Referent | Safety sign | Description/application | |
|---------------------------------------|---|-------------------------|---|
| W008 Warning; Drop (fall) |  | Function | To warn of a hazard from a drop |
| | | Image content | Stylized man falling from the edge of a surface |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |
| W009 Warning; Biological hazard |  | Function | To warn of a hazard from a biological hazard |
| | | Image content | As abstract image shown opposite |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |

| Reference No. Referent | Safety sign | Description/application | |
|---|---|-------------------------|---|
| W010 Warning; Low temperature/ freezing conditions |  | Function | To warn of a hazard from low temperature |
| | | Image content | As abstract image shown opposite |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |
| W011 Warning; Slippery surface |  | Function | To warn of a hazard from a slippery surface |
| | | Image content | Stylized man falling on a slippery surface |
| | | Field of application | For everyday use in workplaces and public areas |
| | | Format of application | Safety signing Safety manuals and notices |
| | | Additional information | Supplementary text sign may be used to increase comprehension |

Appendix 2: - Hand Signals

| Meaning | Description | Illustration |
|--|--|---|
| A. General signals | | |
| START Attention Start of Command | both arms are extended horizontally with the palms facing forwards. |  |
| STOP Interruption End of movement | the right arm points upwards with the palm facing forwards. |  |
| END of the operation | both hands are clasped at chest height. |  |
| B. Vertical movements | | |
| RAISE | the right arm points upwards with the palm facing forward and slowly makes a circle. |  |
| LOWER | the right arm points downwards with the palm facing inwards and slowly makes a circle. |  |
| VERTICAL DISTANCE | the hands indicate the relevant distance. |  |

Meaning**Description****Illustration****C. Horizontal movements****MOVE FORWARDS**

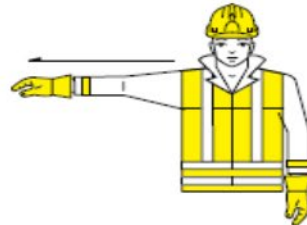
both arms are bent with the palms facing upwards, and the forearms make slow movements towards the body.

**MOVE BACKWARDS**

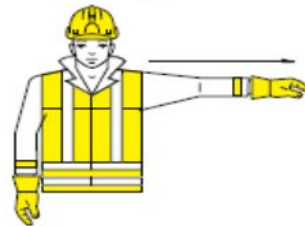
both arms are bent with the palms facing downwards, and the forearms make slow movements away from the body.

**RIGHT**
to the signalman

the right arm is extended more or less horizontally with the palm facing downwards and slowly makes small movements to the right.

**LEFT**
to the signalman

the left arm is extended more or less horizontally with the palm facing downwards and slowly makes small movements to the left.

**HORIZONTAL**
DISTANCE

the hands indicate the relevant distance.

**D. Danger****DANGER**
Emergency stop

both arms point upwards with the palms facing forwards.

**QUICK**

all movements faster.

SLOW

all movements slower.



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