

NR 6 - PERSONAL PROTECTIVE EQUIPMENT - PPE

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D.O.U.

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Amendments/Updates

SSMT Ordinance no. 5 of May 7th, 1982

17/05/82

SSMT Ordinance no. 06 of March 9th, 1983

14/03/83

DSST Ordinance no. 5 of October 28th, 1991

30/10/91

DSST Ordinance no. 3 of February 20th, 1992

21/02/92

DSST Ordinance no. 2 of May 20th, 1992

21/05/92

DNSST Ordinance no. 06 of August 19th, 1992

20/08/92

SSST Ordinance no. 26 of December 29th, 1994

30/12/94

SIT Ordinance no. 25 of October 15th, 2001

17/10/01

SIT Ordinance no. 48 of March 25th, 2003

28/03/04

SIT Ordinance no. 108 of December 30th, 2004

10/12/04

SIT Ordinance no. 191 of December 4th, 2006

06/12/06

SIT Ordinance no. 194 of December 22nd, 2006

22/12/06

SIT Ordinance no. 107 of August 25th, 2009

27/08/09

SIT Ordinance no. 125 of November 12th, 2009

13/11/09

SIT Ordinance no. 194 of December 7th, 2010

08/12/10

SIT Ordinance no. 292 of December 8th, 2011

09/12/11

MTE Ordinance no. 1.134 of July 23rd, 2014

24/07/14

MTE Ordinance no. 505 of April 16th, 2015

17/04/15

MTb Ordinance no. 870 of July 6th, 2017

07/06/17

(Text given by SIT Ordinance no. 25 of October 15th, 2001)

6.1 For purposes of applying this Regulatory Norm (NR), Personal Protective Equipment (PPE) is considered any device or product that is worn by an individual worker for protection against risks that could threaten safety and health at work.

6.1.1 Combined Personal Protective Equipment is considered to be any equipment composed of several devices, of which the manufacturer has associated against one or more risks that can occur simultaneously and are likely to threaten safety and health at work.

6.2 Personal protective equipment, manufactured domestically or imported, can only be offered for sale or use with the indication of the Certificate of Approval (CA) issued by the national official agency for safety and health at work from the Ministry of Labour and Employment.

6.3 The enterprise is obliged to provide PPE to employees, free of charge and appropriate for risks, in perfect condition and operation and in the following conditions:

- a) where general measures do not provide full protection against the risks of occupational accidents and diseases;
- b) while collective protection measures are being implemented; and
- c) to respond to emergency situations.

6.4 According to the particularities of each activity, and observing the provisions of item 6.3, the employer shall provide workers with adequate PPE in accordance with the provisions of Annex I of this NR.

6.4.1 The requests for considering products that are not listed in Annex I as PPE, as well as proposals for reviewing those listed within this Norm, shall be evaluated by a tripartite committee to be constituted by the national official agency for safety and health at work, after consulted the CTPP, and the conclusions shall be submitted to national official agency from the Ministry of Labour and Employment for approval.

6.5 It is the responsibility of the Specialized Services in Occupational Health and Safety (SESMT) to recommend to the employer appropriate PPE for existing risk in a particular activity, consulted the Internal Commission on Accident Prevention (CIPA) and workers who will use them. *(Amended by SIT Ordinance no. 194 of December 7th, 2010)*

6.5.1 At enterprises that are not obliged to establish a SESMT, it is up to the employer to select appropriate PPE for the existing risk through guidance by a technically qualified professional, consulted CIPA or, in its absence, designated personnel and workers who will use them. *(Amended by SIT Ordinance no. 194 of December 7th, 2010)*

6.6 Responsibilities of employers. *(Amended by SIT Ordinance no. 194 of*

December 7th, 2010)

6.6.1 It is the responsibility of the employer, regarding to PPE, to:

- a) acquire suitable PPE for each activity;
 - b) require its use;
 - c) only provide to workers PPE that is approved by the national official agency for health and safety at work;
 - d) instruct and train workers on its proper use, storage and maintenance;
 - e) immediately replace PPE when it is damaged or lost;
 - f) be responsible for its cleaning and periodic maintenance;
 - g) notify the Ministry of Labour and Employment of any irregularity observed;
 - h) record the supply of PPE to workers; with logbooks, data sheets or electronic systems acceptable to be adopted.
- (Amended by SIT Ordinance no 107 of August 25th, 2009)*

6.7 Responsibilities of workers. *(Amended by SIT Ordinance no. 194 of December 7th, 2010)*

6.7.1 It is the responsibility of the employee, regarding to PPE, to:

- a) use the PPE only for the purpose intended by the manufacturer;
- b) be responsible for storage and maintenance;
- c) notify the employer of any changes that make the PPE unfit for use;
- d) comply with the employer's direction on the appropriate use.

6.8 Responsibilities of manufacturers and/or importers. *(Amended by SIT Ordinance no. 194 of December 7th, 2010)*

6.8.1 The national manufacturer or importer shall:

- a) be registered by national official agency for safety and health at work; *(Amended by SIT Ordinance no. 194 of December 7th, 2010)*
- b) request the issuance of the CA; *(Amended by SIT Ordinance no. 194 of December 7th, 2010)*
- c) request renewal of the CA when reached the expiration date determined by the national official agency for safety and health at work; *(Amended by SIT Ordinance no. 194 of December 7th, 2010)*

- d) require a new CA if there is a change in the specifications of the approved equipment; *(Amended by SIT Ordinance no. 194 of December 7th, 2010)*
- e) be responsible for maintaining the quality of PPE that originated the Certificate of Approval (CA);
- f) sell or offer for sale only the PPE holding a CA;
- g) notify the national official agency for safety and health at work of any changes in the registration data supplied;
- h) offer the PPE for sale with technical instructions guiding the use, handling, restrictions and other references to its use in the national language;
- i) include the manufacturer's lot number on the PPE; and,
- j) provide a conformity evaluation of the PPE under the auspices of the SINMETRO, when applicable;
- k) provide information regarding the procedures for cleaning and disinfecting the PPE and, when applicable, indicating the number of times it can be cleaned until it is necessary to revise or replace the equipment in order to ensure that it retains the original protective features. *(Inserted by SIT Ordinance no. 194 of December 7th, 2010)*

6.8.1.1 The procedures for the registration of the PPE manufacturer and/ or importer and for the issuance and/ or renewal of a CA shall meet the requirements established in specific Ordinance. *(Inserted by SIT Ordinance no. 194 of December 7th, 2010)*

6.9 Certificate of Approval - CA

6.9.1 For sales purposes, the CA granted to PPE shall be valid for: *(Amended by SIT Ordinance no. 194 of December 7th, 2010)*

- a) 5 (five) years, for equipments with test reports that do not have their compliance assessed within SINMETRO;
- b) a term which is bound to the conformity assessment by SINMETRO, when applicable.

6.9.2 The national official agency for safety and health at work, when necessary and upon justification, may establish terms other than those laid out in subitem 6.9.1.

6.9.3 Every PPE shall present in clearly visible and indelible characters the manufacturer's commercial name, the manufacturing lot number and the CA number, or, if the PPE is imported, the importer's name, the manufacturing lot number and the CA number.

6.9.3.1 If provision of item 6.9.3 is impossible to be complied with, the national official agency for safety and health at work may authorize an alternative way of marking, to be proposed by the manufacturer or importer, which shall be informed in the CA.

6.10 *(Deleted by SIT Ordinance no. 194, December 7th, 2010)*

6.10.1 *(Deleted by SIT Ordinance no. 194, December 7th, 2010)*

6.11 The jurisdiction of the Ministry of Labour and Employment/ MTE

6.11.1 It is incumbent upon the national official agency for safety and health at work to:

- a) register PPE manufacturer and importer;
- b) receive and examine documentation to issue or renew the CA of a PPE;
- c) establish, when necessary, the technical regulations for testing PPE;
- d) issue or renew the CA and the registration of the manufacturer or importer;
- e) monitor the quality of PPE;
- f) suspend the registration of the manufacturer or importer; and
- g) cancel the CA.

6.11.1.1 If deemed necessary by the national official agency for safety and health at work, samples of the PPE with the manufacturer's name and the reference number identified, as well as other requirements, can be requested.

6.11.2. It is incumbent upon the MTE's regional official agency to:

- a) monitor and guide regarding the appropriate use and quality of the PPE;
- b) take samples of PPE; and
- c) apply the proper penalties for noncompliance with this NR, within its sphere of jurisdiction.

6.12 and Subitems

(Revoked by SIT Ordinance no. 125 of November 12th, 2009)

ANNEX I
LIST OF PERSONAL PROTECTIVE EQUIPMENT
(Amended by SIT Ordinance no. 19 of December 7th, 2010)

A - PPE FOR HEAD PROTECTION

A.1 - Helmet

- a) helmet to protect against impact of objects on the skull;
- b) helmet to protect against electrical shocks;
- c) helmet to protect the skull and face against thermal agents.

A.2 - Hood or balaclava

- a) hood to protect the skull and neck against thermal risks;
- b) hood to protect the skull, face and neck from chemical agents;
(Amended by MTE Ordinance no. 505 of April 16th, 2015)
- c) hood to protect the skull and neck against abrasion and excoriation;
- d) hood to protect head and neck against moisture resulting from operations with water.

(Inserted by MTE Ordinance no. 505 of April 16th, 2015)

B - PPE FOR FACE AND EYE PROTECTION

B.1 - Goggles

- a) goggles to protect eyes against impacts from flying particles;
- b) goggles to protect eyes against glare;
- c) goggles to protect eyes against ultraviolet radiation;
- d) goggles to protect eyes against infra-red radiation;
- e) mesh goggles for limited eye protection against impacts from flying particles.

(Inserted by MTE Ordinance no. 1.134 of July 23rd, 2014)

B.2 - Face shield

- a) face shield to protect the face against impacts from flying particles;
- b) face shield to protect the face against infra-red radiation;
- c) face shield to protect the eyes against glare;
- d) face shield to protect the face against thermal risks;
- e) face shield to protect the face against ultraviolet radiation.

B.3 - Welding helmet

a) welding helmet to protect the face and eyes against impacts from flying particles, ultraviolet radiation, infra-red radiation and glare.

C - PPE FOR HEARING PROTECTION

C.1 - Hearing protector

a) earmuffs to protect auditory system against sound pressure levels above those given in Annexes 1 and 2 of NR-15.

b) earplugs to protect auditory system against sound pressure levels above those given in Annexes 1 and 2 of NR-15.

c) semi-insert earplugs to protect auditory system against sound pressure levels above those given in Annexes 1 and 2 of NR-15.

D - PPE FOR RESPIRATORY PROTECTION

D.1 - Non-powered filtering device:

a) filtering half mask (PFF1) to protect airways against dust and mist;

b) filtering half mask (PFF2) to protect airways against dust, mist and fume;

c) filtering half mask (PFF3) to protect airways against dust, mist, fume and radon daughters;

d) quarter, half or full face mask with particulate matter filter, such as P1 type to protect airways against dust and mist; P2 type for protection against dust, mist and fume; P3 type for protection against dust, mist, fume and radon daughters;

e) quarter, half or full face mask with chemical and/or combined filter to protect airways against gases and vapours and/or particulate matter.

D.2 - Powered filtering device:

a) respiratory protection cap, hood or helmet type without face seal to protect airways against dust, mist, fume and radon daughters and/or against gases and vapours;

b) half or full face mask type with face seal to protect airways against dust, mist, fume and radon daughters and/or against gases and vapours.

D.3 - Breathing apparatus, compressed air line type:

a) continuous flow type incorporating a hood or a helmet without face seal to protect airways in atmospheres with oxygen concentration greater than 12,5%;

b) continuous flow type incorporating a hood or a helmet without face seal to protect airways in abrasive blasting operations and in atmospheres with

oxygen concentration greater than 12.5%;

c) continuous flow type incorporating half or full face mask with face seal to protect airways in atmospheres with oxygen concentration greater than 12.5%;

d) demand type with positive pressure incorporating half or full face mask to protect airways in atmospheres with oxygen concentration greater than 12.5%;

e) demand type with positive pressure incorporating full face mask combined with an auxiliary cylinder to protect airways in atmospheres with oxygen concentration less than or equal to 12.5%, i.e, in atmospheres that are Immediately Dangerous to Life and Health (IDLH).

D.4 - Breathing apparatus, self-contained mask type

a) open circuit demand type with positive pressure to protect airways in atmospheres with oxygen concentration less than or equal to 12,5%, i.e, in atmospheres that are Immediately Dangerous to Life and Health (IDLH);

b) closed circuit demand type with positive pressure to protect airways in atmospheres with oxygen concentration less than or equal to 12,5%, i.e, in atmospheres that are Immediately Dangerous to Life and Health (IDLH).

D.5 - Escape apparatus

a) mouthpiece type escape apparatus to protect airways against gases and vapours and/or particulate material in case of escape from atmospheres that are Immediately Dangerous to Life and Health (IDLH).

E - PPE FOR TORSO PROTECTION

E.1 - Garments

a) garment to protect torso against thermal risks;

b) garment to protect torso against mechanical risks;

c) garment to protect torso against chemical agents; (*Amended by MTE Ordinance no. 505 of April 16th, 2015*)

d) garment to protect torso against radioactive risks;

e) garment to protect torso against moisture resulting from precipitation; (NR) (*Amended by MTb Ordinance no.870 of July 6th, 2017*)

f) garment to protect torso against moisture resulting from operations with water.

E.2 - Bulletproof vest allowed for watchmen who work carrying guns, to protect the torso against mechanical risks.

F - PPE FOR UPPER LIMB PROTECTION

F.1 - Gloves

- a) gloves to protect hands against abrasion and excoriation;
- b) gloves to protect hands against cuts and perforation;
- c) gloves to protect hands against electrical shocks;
- d) gloves to protect hands against thermal agents;
- e) gloves to protect hands against biological agents;
- f) gloves to protect hands against chemical agents;
- g) gloves to protect hands against vibration;
- h) gloves for protection against moisture resulting from operations with water ;
- i) gloves to protect hands against ionizing radiation.

F.2 - Protective cream

- a) protective cream to protect upper limbs against chemical agents.

F.3 - Sleeve

- a) sleeve to protect arm and forearm against electrical shock;
 - b) sleeve to protect arm and forearm against abrasion and excoriation;
 - c) sleeve to protect arm and forearm against cuts and perforation;
 - d) sleeve to protect arm and forearm against moisture resulting from operations with water;
 - e) sleeve to protect arm and forearm against thermal agents;
 - f) sleeve to protect arm and forearm against chemical agents.
- (Inserted by MTE Ordinance no. 505 of April 16th, 2015)*

F.4 - Armband

- a) armband to protect forearm against cuts;
- b) armband to protect forearm against excoriation.

F.5 - Finger cot

- a) finger cot to protect fingers against abrasion and excoriation.

G - PPE FOR LOWER LIMB PROTECTION

G.1 - Footwear

- a) footwear for protection against the impacts of falling objects on the toes;
- b) footwear to protect feet against electrical energy;

- c) footwear to protect feet against thermal agents;
- d) footwear to protect feet against abrasion and excoriation;
- e) footwear to protect feet against cuts and perforation;
- f) footwear to protect feet and legs against moisture resulting from operations with water;
- g) footwear to protect feet and legs against chemical agents.
(Amended by MTE Ordinance no. 505 of April 16th, 2015)

G.2 - Socks

- a) socks to protect feet against low temperatures.

G.3 - Gaiters

- a) gaiters to protect legs against abrasion and excoriation;
- b) gaiters to protect legs against thermal agents;
- c) gaiters to protect legs against chemical agents;
(Amended by MTE Ordinance no. 505 of April 16th, 2015)
- d) gaiters to protect legs against cuts and perforation;
- e) gaiters to protect legs against moisture resulting from operations with water.

G.4 - Pants

- a) pants to protect legs against abrasion and excoriation;
- b) pants to protect legs against chemical agents;
(Amended by MTE Ordinance no. 505 of April 16th, 2015)
- c) pants to protect legs against thermal agents;
- d) pants to protect legs against moisture resulting from operations with water;
- e) pants to protect legs against moisture resulting from precipitation. (NR)
(Inserted by MTb Ordinance no.870 of July 6th, 2017)

H - PPE FOR WHOLE BODY PROTECTION

H.1 - Overalls

- a) overalls to protect torso and upper and lower limbs against thermal agents;
- b) overalls to protect torso and upper and lower limbs against chemical agents;
(Amended by MTE Ordinance no. 505 of April 16th, 2015)
- c) overalls to protect torso and upper and lower limbs against moisture re-

sulting from operations with water;

d) overalls to protect torso and upper and lower limbs against moisture resulting from precipitation. (NR) *(Inserted by MTb Ordinance no.870 of July 6th, 2017)*

H.2 - Whole body garment

a) garment to protect the whole body against chemical risks;

(Amended by MTE Ordinance no. 505 of April 16th, 2015)

b) garment to protect the whole body against moisture resulting from operations with water;

c) conductive garment to protect the whole body against electrical shock;

d) garment to protect the whole body against moisture resulting from precipitation. (NR) *(Inserted by MTb Ordinance no.870 of July 6th, 2017)*

I - PPE FOR PROTECTION AGAINST FALLS FROM DIFFERENT LEVELS

(Amended by SIT Ordinance no. 292 of December 8th, 2011)

I.1 - SAFETY HARNESS WITH fall arresters

a) safety harness with fall arresters to protect the user against falls during operations with vertical or horizontal movement.

I.2 - SAFETY HARNESS WITH lanyards

a) safety harness with lanyard to protect the user against falls when working at height;

b) safety harness with lanyard to protect the user against falls while positioning himself when working at height.

ANNEX II

(Excluded by SIT Ordinance no. 194 of December 7th, 2010)

ANNEX III

(Excluded by SIT Ordinance no. 194 of December 7th, 2010)