

# HarnaisPro

**FICHE TECHNIQUE**

**REF KITTEC3A**



Kit prêt à l'emploi pour l'évolution en espaces confinés. Simple et rapide de mise œuvre. Trépied et dispositif de sécurité intrinsèque EX. Dispositif antichute tout en un : permet de stopper une chute dans les meilleures conditions et d'évacuer la victime rapidement grâce au treuil de sauvetage intégré. Activité : accès en milieux confinés et atmosphères à risques (poste de relèvement, réseau d'assainissement, cuves, silos, réacteurs, cale de bateau...).

## Composition:

1 trépied pour la sécurisation du personnel travaillant en espaces confinés. Pieds équipés de patin antidérapant. Chaîne de sécurité reliant les 3 pieds. Tête de trépied équipée 4 points d'ancrage (1 central + 3 en périphérie). Utilisable en zones EX. Dimensions de transport : 175 x 23 x 23 cm. Hauteur de travail : 147 à 229 cm. Diamètre du trou maximum : 140 à 213 cm. Distance entre les jambes : 119 à 182 cm. Poids : 16,5 kg. EN795B. REF HPTM9.

1 sac de transport pour trépied HPTM9, en toile PVC renforcée étanche, coloris jaune, avec deux anses de portage. Fermeture sur toute la longueur par bande auto-agrippante sous rabat. Assure une protection accrue du matériel et facilite le transport. Dimensions : 180 x 20 x 23 cm. Poids : 1,44 kg. REF HPAX016.

1 antichute à rappel automatique de câble et treuil de sauvetage (capacité 140 kg), longueur 25 m, avec dissipateur d'énergie incorporé. Câble acier galvanisé de 4,7 mm de diamètre. Ancrage émerillon. Equipé d'un mousqueton acier automatique double verrouillage. Dissipateur d'énergie intégré. Poignée de transport et de fixation. Carter de protection en alliage d'aluminium. Poids : 15 kg. EN 360 + EN 1496-B. REF HPCRW30025.

1 platine de fixation pour enrouleur antichute et de sauvetage HPCRW30025. Poids : 0,55 kg. REF HPAT171.

1 poulie de renvoi de câble. Poids : 0,45 kg. REF HPPL101.

1 sac de transport 35 litres. Sac à dos EPI PVC renforcé. Cordon de serrage avec bloqueur. Deux anses de portage réglables. Pour le portage, le stockage et la protection des équipements. Dimension : 380 x 450 mm. Poids : 400 g. REF HPAX010.



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## QUALITY MANAGEMENT SYSTEM



ISO 9001:2015  
AQAP 2110:2016

- Carries out research and development as well as commissioning, research services, expertise and manufacturing for chemical safety, state defense and security and industry: plant protection agents, biocide agents, veterinary agents, high-energy materials including explosives and light organic synthesis. Elaboration of evaluation and reports for plant protection agents and other active substances.



- Elaboration of analytical patterns for organic substances in pure and dilution forms.

## GOOD LABORATORY PRACTICE



- Toxicology investigations
- Eco-toxicology investigations
- Investigations of physico-chemical properties, residues investigation, biodegradability investigation, biocide agents effectiveness evaluation.

## ACCREDITATION BY PCA



AB 374

For the following research areas:

- explosives, pyrotechnic masses, and powders.
- chemical safety concerning introduction of chemical substances and agents as well as protection against static electricity.]

CONCESSION OF THE  
MINISTRY OF THE INTERIOR  
AND ADMINISTRATION  
No. B – 036/2003



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Our reference: BC.502.5.18.2018.MW.8

Warsaw, 05.09.2018

Subject: Assessment of capacity of safety tripod TM 9, in terms of protection against static electricity

On the basis of the results of control tests taken upon your order in accordance with letter of 24.05.2018 (Protocol IPO no. 18/BCE/2018) it is concluded that:

For the requirements of protection against static electricity

Safety tripod TM 9 [Ref. no. AT011] with the following devices:

- rescue lifting device RUP 502 [Ref. no. AT050]
- retractable type fall arrester CRW 300-G [Ref. no. CRW300-G] mounted on tripod leg using adapter AT 171 [Ref. no. AT171] or anchor point by means of detachable carabiner AZ017 [Ref. no. AZ017]
- retractable type fall arrester CRW 200-G [Ref. no. CRW200-G] mounted to anchor point by means of detachable carabiner AZ017 [Ref. no. AZ017]
- retractable type fall arrester CRW 200-G [Ref. no. CRW200-G] mounted to anchor point using holder AT 173 [Ref. no. AT173]

- thickness of coating (paint) on metal casings of retractable type fall arresters CRW 300-G [Ref. no. CRW300-G] and CRW 200-G [Ref. no. CRW200-G] and on tripod head not exceeding 0.2mm (requirement according to PN-E-05204:1994 p. 3.2.2.1 h),
- area of warning labels on tripod legs not exceeding 50cm<sup>2</sup> (requirement according to PN-E-05204:1994 p. 3.2.2.1 f) and
- an effective earthing of the assembly of devices when in use (requirement according to PN-E-05204:1994 p. 3.2.2.3),

can be used in explosion hazardous areas 1, 2, 20, 21 and 22, classified in accordance with Regulation of the Minister of Economy on minimum requirements for safety and health protection at work related with a potential risk of occurrence of an explosive atmosphere in the workplace - Dz. U. 2010 r. No. 138, item 931, in which media of minimum ignition energy MEZ > 0.1mJ are operated.

In particular, the specified products are allowed to be used safely, in particular, in the presence of methane and coal dust, especially - in climatic conditions prevailing in underground mines (excavations assigned to "a", "b" and "c" explosive level of methane and to "A" and "B" coal dust explosive limit).

This statement is issued as it was found that products in question virtually cannot become charged with static electricity in specific conditions of their use.



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**Note:** All metal elements of the devices producing capacitance above 10 pF should be interconnected to form a continuous electrical circuit with a resistance of no more than 100  $\Omega$ . When using the devices in explosion hazardous area make sure that the devices are effectively earthed before use. An appropriate notice should be included in Instructions for use of the device.