



TRAINING

2017 Catalogue

INTRODUCTION TO THE DEPARTMENT 2

TESICNOR PRODUCTS AND SERVICES

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INTRODUCTION

At Tesicnor we do believe that training is the best remedy against occupational accidents. We are pioneers and leaders in Occupational Risk Prevention (ORP) training, especially in particularly complex sectors such as renewable energies namely the wind sector.

Practical training

The best training combines theoretical knowledge with practical applications that recreate all the occupational contingencies. In this respect, as members of the Spanish Wind Energy Association (AEE), we collect concerns and problems to which we respond with a constantly developed and updated portfolio of courses. The human resources, with broad experience, have the technical knowledge of Occupational Risk Prevention, the specific certificates and the necessary teaching skills. Our facilities include classrooms, simulators, and the use of new information technologies in both centres of Navarre and the recently opened of Madrid.

TASR, "customised" service

In addition to training, we also develop "customised" Technical Assistance Services and Rescue (TASR). Tesicnor tests, prepares and drafts access, evacuation and rescue procedures in specific industrial environments which require rapid intervention in order to prevent or minimise injuries. Over 300 customers from the national and international scene have entrusted us with their training and technical assistance. This has taken to all four corners of the world, working towards occupational safety.

Juan López Gutiérrez
Head of Training Department

Training in ORP - Wind Sector -



Preparation of customised courses for our customers. Delivery of these, and our own and specific courses under the Global Wind Organisation (GWO) Standard



Preparation

We technically develop and prepare the portfolio of courses.



Delivery

Delivery of courses including the learning dimension.



Practical experience

We define exercises and practical cases to reinforce the theory.



Customised

Courses are adapted to the needs and requirements of the customer.

We are pioneers in ORP and leaders in the wind sector. Our international vocation has taken us to all four corners of the world.



APPROVED

MAIN COURSES

01. Occupational Risk Prevention in civil engineering projects, assembly, energising, start-up, dismantling and dismantling
02. Work at height and personal protection equipment (PPE)
03. Use and evacuation of fixed guide, cable-guided and rack and pinion elevators
04. Safe use of helpers
05. Vertical and rescue work
06. Electrical risk and RD 614/2001, Working in high voltage switchgear assemblies and PPE for high and low voltages
07. Fire extinction
08. First aid
09. ORP in assembly and maintenance of meteorological towers
10. Safe use, evacuation and rescue of MEWP
11. Mechanical hoisting of loads, Manual Handling of loads
12. Safe use of tools
13. Chemicals and hazardous waste
14. Ergonomics
15. Noise
16. Safe use of ladders and rescue on ladders
17. Construction
18. Confined spaces. Wind turbine hub and blade
19. Road safety
20. Rescue equipment
21. Rescue inside the nacelle with emergency descender, with evacuation triangle and stretcher
22. Rescue from hub exterior
23. Rescue inside the hub with access from the interior of the nacelle and with access from the exterior of the nacelle
24. Rescue on the side of the nacelle, below frame, in transformer chamber and inside blade

Training in ORP - General Sector -



At Tesicnor we believe that training is an effective weapon in the struggle against occupational accidents



Preparation

We technically develop and prepare the portfolio of courses.



Delivery

Delivery of courses including the learning dimension.



Practical experience

We define exercises and practical cases to reinforce the theory.



Customised

Courses are adapted to the needs and requirements of the customer.



Human resources, with broad experience, combine their technical knowledge of Occupational Risk Prevention, a variety of certificates and specific type approvals and the necessary teaching skills.

MAIN COURSES

- 01.** Safe use of machinery
- 02.** Electrical risks
- 03.** Working at height
- 04.** First aid
- 05.** Fire
- 06.** Road safety
- 07.** Construction

- 08.** Ergonomics
- 09.** ATEX
- 10.** Chemical safety and waste
- 11.** Tools and machine tools
- 12.** Environmental and hygienic risks
- 13.** Basic ORP course
- 14.** Confined spaces

Online, audiovisual and multimedia producer specialized in H&S



Audiovisual and multimedia productions with contents specialized in Occupational Risk Prevention or corporate ... tailored to our clients.



MULTIMEDIA TRAINING BENEFITS

- Multimedia courses automate the training of workers including reception staff.
- It allows the update of knowledge at the same time of the integral and centralized management.
- If it is integrated as online training, it allows individualized adaptation and personalized follow-up of the formative evolution of the worker.

TYOLOGY OF PROJECTS

		Texts	Images	Videos/ BSO	Locution	Graphics	Interactivity	Navigation	Quiz	SCORM
A VIDEO	Basic	A1								
	Standard	A2								
	Premium	A3								
B PROYECTO MULTIMEDIA	Basic	B1								
	Standard	B2								
	Premium	B3								
C OVERALL TRAINING	Basic	C1								
	Standard	C2								
	Premium	C3								

PORTFOLIO

User: tesicnor

Password: tesicnor

Graphic design

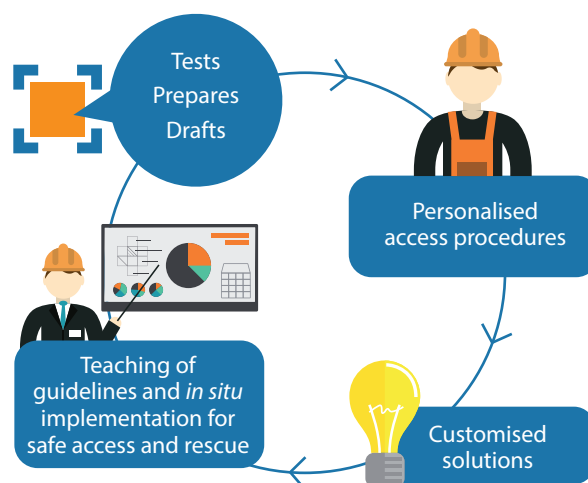
Posters, infographics... All kinds of graphic solutions specialized in prevention.



Technical Assistance Service and Rescue -TASR



Testing, preparation and drafting of personalised access, rescue and evacuation procedures for complex industrial environments



MAIN COURSES

- 01.** Rescue on elevator platform.
- 02.** Evacuation from nacelle with automatic descenders.
- 03.** Evacuation from nacelle with manual descenders.
- 04.** Rescue from zone below main frame.
- 05.** Evacuation of unconscious person from interior of nacelle.
- 06.** Rescue in confined space in the wind turbine.
- 07.** Rescue from side of nacelle.
- 08.** Rescue from exterior, interior and side of hub.
- 09.** Rescue and self-rescue during vertical work.
- 10.** Rescue from interior of blade.
- 11.** 11. Rescue from interior of tube: person suspended on ladder.
- 12.** Rescue and self-rescue in meteorological towers.
- 13.** Rescue in transformer room.

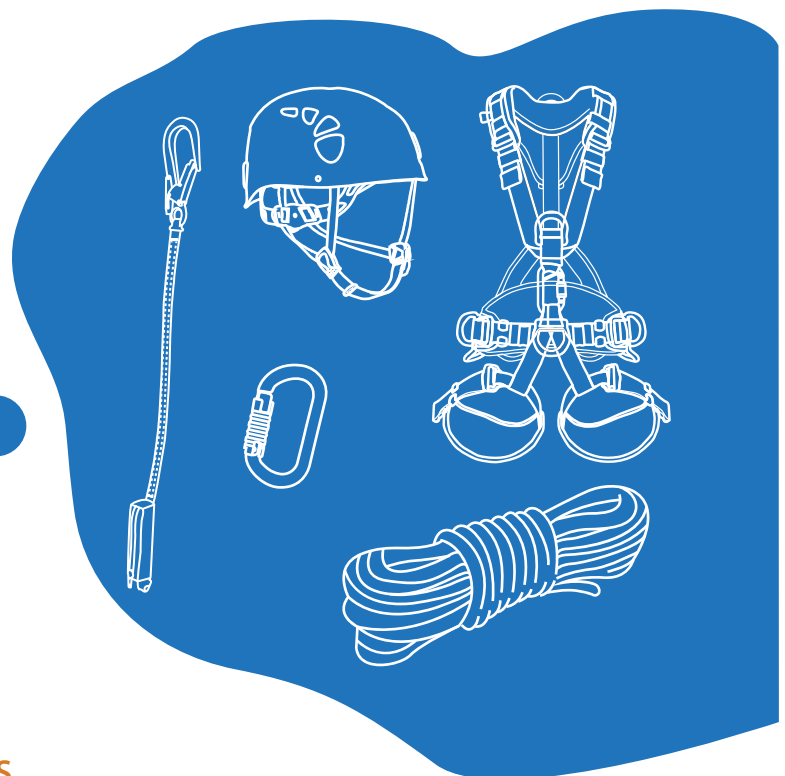
Revision of PPE for working at heights



Operational and visual inspection of all protection equipment
specifically for working at heights



Our technicians will make
operational and visual inspections
of all protection equipment
specifically for working at heights.



EQUIPMENT FOR WORKING AT HEIGHTS

Fall arrest harness

Anchorage line with and without energy
absorbers

Fall arrest devices

Helmet

Automatic descenders

Manual emergency descender

Carabiners and maillons

Straps

Handles, rope grabs, pulleys, rigging plates

Webbing sling

Rope mallet

Retractable

Seat

Individual energy absorber

Lanyard (Grillon...)

Portable textile safety line

etc.

Emergency drills



In conjunction with our Industrial and Citizen Safety Department, we design Self-Protection Plans (SPP), especially for the wind power. We train in them and mock emergency drills to analyze their application.



SPP EVALUATION

Evaluation of the response effectiveness dealing with an emergency.

Measure the sufficiency and suitability of the resources assigned.

Evaluate the adequacy of the procedures.



ERROR DETECTION

Detect errors or omissions in the SPP and in the actions to be carried out for its establishment.



TRAINING

We train the staff in the Self Protection Plans.

To train all the staff in the response to an emergency, in an attempt to gain experience and to get used facing it.

HOW WE WORK

SPP design

We study the client's self-protection plan or we design one for themselves.

Training in SPP

We train to the involved staff, prior to the mock.

Emergency Drill

We dial 112 and security services to inform about the date and time of the mock. We tracking the evolution. After the drill we celebrate a informal meeting: remarkable actions, errors...

Study

Gantt diagram.
Time / actions / involved staff.
Conclusions.
Recommendations.
Improvement proposals.

TRAINING IN SPECIFIC EMERGENCIES



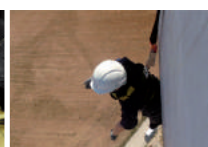
First aid



Fire Awareness



Ladder rescue



Rescue from the lateral of the nacelle



Rescue of a person hanging from the hoist



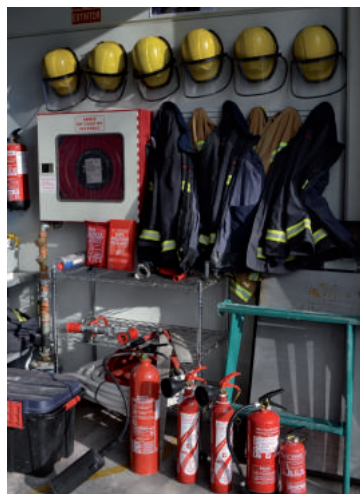
Hub rescue



TRA



Tesicnor has different simulators that recreate different labour situations: work scenarios in heights, confined spaces, firefighting, electrical risk, first aid...



Our team is integrated by twelve highly qualified professionals with extensive experience in the field of prevention and teaching.





SOLUTIONS

FOR TRAINING

www.tesicnor.com
formacion@tesicnor.com

SOCIAL MEDIA

 <https://www.facebook.com/TesicnorTraining>

 @TesicnorForma

 Prevención sector eólico

BLOG

<http://prevencioneolico.tesicnor.com>


NAVARRA

Polígono Mocholí, C/ Río Elorz, Nave 13 E y F
Noáin 31110
Navarra

 T (+34) 948 21 40 40 F (+34) 948 21 40 41

MADRID

Polígono Camporroso, C/ Montevideo, nº 3 Nave 5
Alcalá de Henares
28806 Madrid

 T (+34) 91 819 30 49