

SAFETY JOURNAL

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CHOOSING A FALL ARREST SYSTEM

HANA PAČAIOVÁ ON EHSEC

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FUNCTIONAL HAZARD ANALYSIS

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EUROMAINTENANCE 2023

FALL ARREST SYSTEMS; HANA PAČAIOVÁ ON EHSEC; NEGATIVE SAFETY CULTURE; CALENDER

CHOOSING A FALL ARREST SYSTEM

What are the advantages and disadvantages of overhead rigid rail systems compared with those of overhead cable-based systems?

Applying the Hierarchy of Controls is the best way to address fall hazards. The first – and most effective – step is to eliminate the possibility of a fall whenever possible. After that, the next best option is installing passive fall protection or work restraints.

If you determine that you need a fall arrest system, overhead rigid rail systems and overhead cable-based systems are two available options. We've compared cable-based systems with rigid rail systems on seven key attributes:

1. Fall clearance
2. After a fall
3. Cost of installation
4. Ongoing maintenance
5. System configuration
6. Number of users
7. Functionality

Both overhead rigid rail systems and cable-based fall arrest systems are OSHA-compliant, but rigid rail systems have the advantage in fall clearance, after a fall, ongoing maintenance, number of users and functionality and therefor are the clear winner.



HANA PAČAIOVÁ ON EHSEC

Occupational health and safety (OHS) is one of the key aspects of a developing economy. Taking care of employees means taking care of those who participate in the prosperity of the organization, its innovations and especially the sustainability of the business in the current dynamically changing market environment. EHSEC – European Health, Safety and Environment Committee is an important EFNMS committee that strives to raise awareness of OHS in maintenance management. The commission's long-term cooperation with the European Agency for Safety and Health at Work (EU-OSHA) is aimed at supporting the prevention of risks related to the performance of maintenance activities, such as working in confined spaces, with dangerous substances or with hazardous energy. With its work, EHSEC supports all members of the National Maintenance Societies, but also all those who manage maintenance and carry out maintenance activities on a daily basis. I am proud to be part of it!

Prof. Ing. Hana Pačaiová, PhD
Slovakia

CALENDAR

Worksafe: Dortmund Exhibition area for health in industry

Occupational safety and health in industry: at Germany's trade show for industrial maintenance. Occupational safety and security are the central challenges in everyday maintenance: Every 5th accident happens during maintenance work. For almost 40% of trade visitors to maintenance Dortmund, occupational safety is therefore a topic that interests them the most.

With its Worksafe exhibition area, maintenance Dortmund offers suppliers of industrial safety solutions and products the ideal opportunity to make targeted contact with decision-makers with a high level of investment, such as plant managers, safety officers and engineers, production and plant managers, specialists in occupational safety and maintenance.

WEBSITE



EFNMS participates at the Healthy Workplaces Campaign Summit in Bilbao (Spain), on November 2022

EFNMS, as an official EU-OSHA campaign partner, will be participating at the Healthy Workplaces Campaign Summit that will be held in Bilbao (Portugal), on November 14th & 15th 2022. The main scope of the event is to discuss the results of the current Lighten the Load (2020-2022) Campaign, as well as to present the forthcoming 2023-2025 one, sharing knowledge and exploring future strategies for the effective prevention of MSDs at workplaces. The new Campaign will start running in October 2023 under the slogan Safe and Healthy Work in the Digital Age and will put the focus on effective prevention of occupational safety and health risk factors in the digital world of work.

Dr. George Scroubelos, as the Chairman of the European Health, Safety and Environment Committee (EHSEC) and also a member of the EU-OSHA Steering Committee, will be representing EFNMS at the "EU-OSHA Campaign closing ceremony", where the Healthy Workplaces Good Practice Awards will be handed out to the most active organizations for their commitment and dynamic role in promoting the EU-OSHA practices and campaigns.

WEBSITE



DANGERS OF A NEGATIVE SAFETY CULTURE

Based on a client example, this animation demonstrates the characteristics and dangers of a negative safety culture that we see and hear about every day across industry. Ducks on a Pond is an excerpt from our research study of more than 21,000 participants from 73 sites across agriculture, construction, government, healthcare, manufacturing, mining, oil and gas, and utilities.

ANIMATION

FUNCTIONAL HAZARD ANALYSIS; PPE; REMOTE WORK; EUROMAINTENANCE 2023

FUNCTIONAL HAZARD ANALYSIS

Functional Hazard Analysis is a key assessment of the ETCS system as defined by the EN 50129 standard. The complete Safety Integrity Management process enables to clear understanding the Functional safety requirement and technical safety requirement based on functional and technical configuration. However, despite of the importance of this first step, the Safety Integrity level does not give Reliability assurance. For ETCS system, quantitative reliability assurance means safety assurance. Please look in the paper attached the important aspect of FHA, advantages and drawbacks. Further details

[Further details](#)



PERSONAL PROTECTIVE EQUIPMENT (PPE)

Unfortunately, employees that work on electricity networks regularly do not wear the prescribed Personal Protective Equipment (PPE). The consequence is unnecessary injuries when an accident occurs. This flyer discusses two incidents. In the first incident the mechanic was wearing PPE's, in the second accident the mechanic was not. These examples are based on practice and unfortunately do not stand on their own.

[DONWLOAD](#)



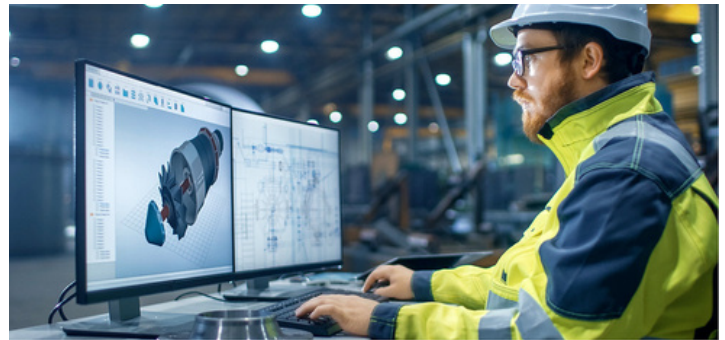
“Musculoskeletal disorders (MSDs) are one of the most common work-related ailments”

REMOTE WORK, REMOTE WORKPLACES AND IMPLICATIONS FOR OSH

Remote work has been primarily enabled by advances in digital development that narrowed down distance allowing workers to communicate and perform tasks from nearly anywhere. The introduction of elements of mobility and flexibility, of working wherever and whenever, made a difference between the working conditions of workers in home offices and those in virtual offices.

Indeed, researchers reported some differences in the work-life balance of these two groups of workers, with lightweight ICT tools giving rise to the issues virtual workers still experience now, such as an increased work intensity and feeling of being constantly connected. This progressive detachment of work from place certainly impacts working conditions and is foreseen to keep increasing in the future.

[LEARN](#) more about it!



LARGEST EUROPEAN MAINTENANCE CONFERENCE, EUROMAINTENANCE, COMES TO ROTTERDAM AHOY IN 2023

The largest European maintenance conference will eventually be held in Rotterdam from 17 to 19 April 2023. Covid-19 threw a spanner in the earlier plans, but the Dutch Maintenance Society (NVDO), the European Federation of National Maintenance Societies (EFNMS) and Rotterdam Ahoy will combine forces again. At the same time, Rotterdam Ahoy will be hosting the largest technology and maintenance exhibition in the Benelux from 18 to 20 April 2023: Maintenance NEXT. During this period, this powerful combination will make Rotterdam the European meeting place for maintenance professionals in the Asset Management industry.

