NATIONAL IRISH SAFETY ORGANISATION

Unite.



NISO is a not-for-profit voluntary body, dedicated to the promotion of health and safety in Irish workplaces

SPRING 2024 VOL. 67

Errors, Mistakes and Violations

Human Error and Successful Outcomes

EDITORIAL

NATIONAL IRISH SAFETY ORGANISATION Update!

IN THIS ISSUE

Editorial2
News
New members8
Feature — Errors, Mistakes and Violations — Human Error and Successful Outcomes10-11
NISO/NISG All Ireland Safety Quiz Final11
New publications13
Legislation/statistics14
NISO Certificate in Safety, Health & Welfare at Work14
Events16



Members visit **niso.ie** to download previous copies of the NISO Update!

NISO Update! is issued by the National Irish Safety Organisation (NISO)



Material printed in NISO Update! is not necessarily endorsed by the National Irish Safety Organisation.

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Design & Print: Print Bureau Tel: 01 4733 567 www.printbureau.ie

President's Message

We have completed a successful year in which we celebrated our 60th anniversary with the holding of our 59th annual conference and the 32nd All Ireland Safety Awards. We also updated our logos and branding during the year to give a more modern appearance.

As 2024 commences, we are starting our Safety Awards promotions and our regions are starting to hold the regional Safety Quizzes with the All Ireland Safety Quiz Final planned for 27 April in Limerick.

Safety Quiz

If your company hasn't entered the All Ireland Safety Quiz recently, please consider doing so in 2024. The Safety Quiz is a great, fun way of getting your employees involved in talking about safety and thereby making your organisation safer. This is a great opportunity for the team and for your organisation to become All Ireland Champions and enhance the atmosphere and team spirit within your organisation.

Golf Classic

On 21 June we will be hosting a Golf Classic at the Seve Ballesteros Golf Course in the Heritage Resort with all the proceeds going to the Irish Guide Dogs for the Blind. This is our second year to hold this event and it is a relaxed day out with the opportunity to network and make new contacts while raising funds for a worthy cause. We are also looking for sponsors for the day and any contribution will be appreciated. Watch out for booking details coming soon. October will see the Annual Conference and All Ireland Safety Awards taking place in Killarney.

Increased fatalities

As I write this it is very concerning that the number of workplace fatalities has risen from 28 in 2022, the lowest on record since the establishment of the HSA in 1989, to 43 fatalities in 2023. Agriculture and construction accounted for the majority of these fatalities.

We need a very focused prevention programme to be present in every employment to eliminate these unnecessary and preventable deaths.

Education, awareness and prevention became the mantra from the establishment of NISO and that remains our focus today. NISO offers a range of training courses and educational seminars/ workshops as well as our advice services which are all very popular.

Great credit must go to all our volunteers in all our regional committees and at executive committee level over the six decades who all freely gave and continue to give their time and expertise to promote accident prevention in all workplaces.



Harry Galvin, President, National Irish Safety Organisation

I also want to express my appreciation to our staff who have given great commitment to NISO and continue to pursue the highest standards of service to all our members.

As we embark on a new year of promoting accident prevention we will have to adapt to the new and emerging challenges with Al becoming more apparent in the workplace.

NISO is your Organisation and we, as current committee members be it at regional or national level, have a duty to continue the work started 60 years ago. We are only today's mentors, so we need new and younger members to come forward and steer NISO forward with fresh ideas.

To all past and currents members, thank you for your support, and a happy and safe 2024.

Harry Galvin, President, National Irish Safety Organisation



HSA Reports Significant Increase in Workplace Fatalities in 2023

The Health and Safety Authority (HSA) has reported that 43 people lost their lives in workrelated incidents in 2023. The statistics revealed a continued high level of fatalities in farming (16 fatalities) and construction (11 fatalities) with both sectors accounting for over two thirds of all fatalities in 2023. The work-related fatalities in these sectors relate to high-risk work including working with vehicles and falls from height.

Fifty-three per cent of workers who died in 2023 were selfemployed and 51% were workers aged over 55.

Key statistics reported by the HSA:

- In the last ten years (2014-2023), the HSA records show an overall decrease in the rate of fatalities per 100,000 workers in Ireland from the rate of 2.8 in 2014 to 1.6 in 2023.
- Last year, the 55+ age group incurred the highest number of fatalities with 22 fatalities in 2023 compared to 10 in 2022.
- Agriculture, forestry and fishing accounted for 20 fatalities with farming accounting for 16 of these fatalities in 2023.
- The construction sector accounted for the second highest fatalities reported in 2023 with 11 reported work-related fatalities.
- The leading causes of work-related fatalities in 2023 were working with vehicles (13 fatalities) and falling from height (11 fatalities).
- Of the 43 fatalities in 2023, 39 were male and 4 were female.

 Co. Cork accounted for the highest records of fatalities in 2023 (7 fatalities), followed by Co. Dublin (5 fatalities) and Co. Kerry (5 fatalities).

Mark Cullen, Assistant Chief Executive, HSA, commenting on the new statistics, said,

"As we reflect on the last year and the 43 people who lost their lives in work-related incidents, we first and foremost think of their families and friends who have tragically lost a loved one in 2023.

"Although we welcome the decrease in work-related fatalities rates in the last ten years from the rate of 2.8 in 2014 to 1.6 in 2023, we still see a continued high level of fatalities in certain sectors. Farming, a high-risk sector, continues to account for the highest number of fatalities (37%) with over half of victims aged 65 and over. We know many farmers are self-employed and often work alone. Therefore, there is a clear need for them to consider the work they plan on carrying out themselves, and where they may need assistance from qualified and trained workers, ensuring the appropriate risk assessments are completed in advance of the work being carried out and that the appropriate preventative measures are in place to ensure those carrying out the work can do so safely."

The HSA records also showed incident triggers such as being struck by vehicles/vehicle collisions (13 fatalities) and falls from height (11 fatalities) continue to be the leading causes of work-related fatalities in Ireland.

Mark Cullen, continued "Where there is a known risk, such as working with vehicles and machinery or working at height, duty holders must take preventative actions to ensure they themselves or workers are safe. We are urging the selfemployed, employers and duty holders to prioritise health and safety in their workplaces in 2024 to ensure fatalities don't happen. Every work-related fatality is preventable."

Source: hsa.ie

HSA Programme of Work 2024

The Health and Safety Authority (HSA) has published its Programme of Work for 2024. This programme represents the third and final year of the implementation of the HSA's Strategy Statement 2022—2024 and the third year of the implementation of the Strategy for Accreditation 2022—2026.

Here are some of the key points from the HSA's Programme of Work 2024:

- deliver 10,000 proactive inspections by way of specific campaigns and targeted inspections across all economic sectors but focusing where risks are highest. The inspection programme in 2024 will have particular focus on:
 - o psychosocial hazards and risks, including workplace bullying and stress,
 - o vulnerable workers and workers in the gig economy,
 - o violence and aggression, lone working,
 - o load security, loading/unloading, storage racking, industrial trucks and lifting equipment,
 - o exposure to biological agents,
 - o removal and management of asbestos- containing materials,
 - o exposure to chemical agents such as carcinogenic, mutagenic and reprotoxic substances,
 - o hazardous medicinal products and potent compounds,
 - o confined space risk assessments and training,
 - o exposure to noise and vibration, indoor air quality,
 - o manual handling and people handling activities,
 - o accident and dangerous occurrence reporting.

carry out specific inspection campaigns in the following sectors:

- o agriculture,
- o quarries,
- o manufacturing sites,
- o construction,
- o docks and ports,
- o waste facilities,

prepare supports and advice in the following areas:

- o specific risks and control measures for lone workers,
- o human and organisational factors in risk assessments,o third party violence and aggression, use of hazardous
- medicinal products,
- o use of health surveillance programmes, employer and employee first aid, sensitive risk groups,
- o Audiometry and management of work- related noise,

- o Precast concrete and guidance for the safe manufacture, design and erection of timber frame housing,
- o occupational safety and health in waste facilities and offshore wind facilities,
- update BeSMART.ie to comply with new guidance for fire safety, chemical restrictions, and indoor air quality and develop new business types to support dairy and beef farming.
- provide technical support to the Department on the following legislative proposals:
 - o lead/Diisocyanate Directives and amendments to the Asbestos Worker's Directive,
 - o transposition of amendments to the Carcinogens Mutagens Directive,
 - o Code of Practice on Occupational Exposure Levels to reflect new exposure limit values,
 - o quarries Regulations, construction Regulations,
- deliver 620 inspections targeting high risk chemical activities, focusing on areas with a greater potential for exposure to chemicals including chemicals processing, transportation, manufacture and use in the workplace.

Read the HSA's Programme of Work 2024 in full at hsa.ie.





People who drive for work "more likely" to engage in dangerous driving behaviours — RSA

New data from the Road Safety Authority (RSA) shows that 8% of drivers killed (representing 25 fatalities) and 12% of drivers seriously injured (representing 275 serious injuries) between 2018 and 2022 were driving for work. These figures are provisional and subject to change.

The RSA's analysis also revealed that between 2018 and 2022, 23% of drivers involved in fatal collisions were driving for work and 19% of drivers involved in serious injury collisions were driving for work.

Driving for work can also pose risks to fellow workers and vulnerable road users such as pedestrians and cyclists.

Survey research from the RSA in 2021 found that those who drive for work are more likely to engage in dangerous driving behaviours including speeding, drink-driving, driving while fatigued and not wearing a seatbelt. This survey found that:

- 92% of drivers who drive for work report regularly wearing a seat belt when driving, compared to 97% of all drivers.
- 30% of drivers who drive for work have fallen asleep or nodded off behind the wheel, compared to 24% of all drivers.

A 2021 observational study also found that 75% of Heavy Goods Vehicle (HGV) drivers exceeded the speed limit on 100kmh roads, where the speed limit for HGVs is 80kmh, and almost 30% exceeded the speed limit on motorways, where the speed limit for HGVs is 90kmh.

A study of mobile device usage by drivers of various vehicle types, conducted in 2022, found that 9% of HGV drivers observed were using their mobile phone while driving.

Fatalities on Irish roads are the highest they have been in six years. As of 11.59pm on 20 November 2023, there have been 168 fatalities in 2023, 35 more than during the same period in 2022. Approximately seven in 10 fatalities this year have occurred on rural roads with a speed limit of 80km/h or greater.

Velma Burns, Research Manager, RSA, said: "Our research has demonstrated that those who drive for work are more likely to engage in dangerous driving behaviours. This is why we need to educate employers on the importance of implementing safe driving for work practices and help educate employees on the importance of safe driving. Improving driver behaviour when driving for work will help us reduce deaths and serious injuries on Irish roads."

Deirdre Sinnott McFeat, Senior Inspector, Health and Safety Authority, said: "Driving for work involves not only risks for working drivers, but also for fellow workers and other road users. As an employer or self-employed person, you must, by law, manage the risks that may arise when you or your employees drive for work. Employers should have systems in place to make sure that driving for work activities are road safety compliant. Employers can be true leaders in road safety improvements by promoting and influencing safe driving behaviour and actions by their employees."

Superintendent Tom Murphy, An Garda Síochána said: "As RSA research shows that more than one in five drivers involved in fatal injury collisions are driving for work at the time of the collision, it is critical that employers prioritise policies to promote safe driving behaviours. An Garda Síochána is gravely concerned as to the current level of fatalities on Irish roads and we are committed to working with all stakeholders in addressing this very concerning trend."

Source: rsa.ie



Commencement of final phase of the PIAB Act 2022

- Personal Injuries Assessment Board has renamed Injuries Resolution Board.
- Mediation to be offered as a new service to resolve personal injury claims.

Dara Calleary, TD, Minister of State with responsibility for the Injuries Resolution Board recently announced the commencement of the third and final phase of the Personal Injuries Resolution Board Act 2022.

The Personal Injuries Resolution Board Act 2022 was signed into law by the President on 13 December 2022. The Act amends the Personal Injuries Assessment Board Act 2003—2019 to increase the number of personal injury claims settled through PIAB and to reduce the expense and time associated with personal injuries litigation.

Phase 1 of the Act commenced with effect from 13 February 2023, phase 2 commenced on 4 September 2023 and phase 3 commenced 14 December 2023.

Noting the findings of the Employer's Liability report, Minister Calleary said:

"As part of the Board's enhanced role in research and analysis of data, the findings today of the Employer Liability claims and awards provide invaluable insights into the profile of accidents in and around the workplace and how best these can be mitigated. It also clearly demonstrates the decrease in claims and costs since 2019, and I expect this to be reflected in business insurance premiums."

UV radiation and diesel emissions are the most frequent cancer risk exposures in Europe's workplaces

New survey reveals that UV radiation and diesel emissions are the most frequent cancer risk exposures in Europe's workplaces.

The European Agency for Occupational Safety and Health at Work (EU-OSHA) has launched the first findings of the Workers' Exposure Survey on cancer risk factors (WES) in Europe, conducted with thousands of workers in six EU Member States, including Ireland, to provide accurate data that can contribute to the prevention of occupational cancer.

Annually, carcinogens contribute to an estimated 100,000 occupational cancer deaths in the EU according to the 2021-27 EU Strategic Framework on Health and Safety at Work. To address this problem in the workplace, it is fundamental to have current and reliable data on the exposure of workers to risks that can lead to the disease. WES was developed to estimate the probable exposure of workers to 24 known cancer risk factors, which include industrial chemicals, process-generated substances and mixtures, and physical risk factors.

The most frequent probable occupational exposures identified were:

- solar ultraviolet (UV) radiation,
- diesel engine exhaust emissions,
- benzene,
- respirable crystalline silica (RCS) and
- formaldehyde.

The survey also considered individuals having multiple exposures during their last working week prior to the survey, meaning exposure to at least two cancer risk factors, which do not necessarily occur at the same time or through the same work process. The data shows that more than 60% of the workers in mining and quarrying activities and in construction activities had multiple exposures.

EU-OSHA Executive Director, William Cockburn, stated:

"The new Workers' Exposure Survey thoroughly investigates relevant data that will help us understand the current scenario of cancer risk exposure in the workplaces. It is the first time we have a study considering combined exposure and reaching workers who would not normally be covered, such as self-employed or employed in micro and small organisations, across all kinds of occupations. It is certainly going to contribute to improving preventive measures and to updating evidence-based policy."

Source: enterprise.gov.ie

Source: osha.europa.eu

ECHA — Call for evidence

The European Chemicals Agency (ECHA) has issued a call for evidence which aims to collect information on the manufacture, import, use and placing on the market of octocrilene, as well as the possibility for its substitution and potential alternatives as part of the production articles/ mixtures, in particular of the following:

- Plastisol,
- Cosmetic products (perfumes, fragrances etc.) including sunscreens.

Additionally, information on life cycle, emissions/risks to the environment and socio-economic impacts of a potential restriction for the above-mentioned uses is also of interest.

This chemical can be used in various consumer products as well as by professional workers. It can be used for its UV filter/absorber properties and stabilisation properties.

Target audience

This call for evidence is intended for interested parties such as private companies (manufacturers, suppliers, recyclers, downstream users, distributors, importers, alternative providers etc.), trade associations, scientific organisations, NGOs and other stakeholders or Member State Authorities holding relevant information. Both EU/ EEA and non-EU/ EEA stakeholders are encouraged to participate. Participants are invited to submit any data they consider relevant, regardless of its nature (scientific publication, report, database, etc.).

Contributions from private companies that have already abandoned (or are on the way to abandon) the use of octocrilene in their processes in favour of alternatives are particularly welcome.

Deadline for providing input: 12 February 2024

Further information is available at echa.europa.eu



Nearly 3 million workers die annually of work-related accidents and diseases globally

Nearly three million workers die every year due to work-related accidents and diseases, an increase of more than 5% compared to 2015, according to new International Labour Organization (ILO) estimates.

Most of these work-related fatalities, totalling 2.6 million deaths, stem from work-related diseases. Work accidents account for an additional 330,000 deaths, according to the analysis. Circulatory diseases, malignant neoplasms and respiratory diseases rank among the top three causes of work-related death. Together, these three categories contribute more than three-quarters of total work-related mortality.

The new data, included in the new ILO report, A Call for Safer and Healthier Working Environments, underlines that more men die from work-related incidents (51.4 per 100,000 working age adults) compared to women (17.2 per 100,000). The Asia and the Pacific region has the highest work-related mortality (63 per cent of the global total) because of the size of the region's workforce.

Agriculture, construction, forestry and fishing and manufacturing are the most hazardous sectors, accounting for 200,000 fatal injuries per year, which represents 63 per cent of all fatal occupational injuries. In particular, one-inthree fatal occupational injuries worldwide occur among agricultural workers, the report says.

To boost global efforts to ensure a safe and healthy work environment, the ILO has introduced a new plan, the Global Strategy on Occupational Safety and Health for 2024—2030. The goal is to prioritise the well-being of workers in line with the ILO's dedication to social justice and the promotion of decent work worldwide.

The strategy encourages action on three pillars.

- First, improve national Occupational Safety and Health (OSH) frameworks by enhancing governance, promoting reliable data, and building competency.
- Second, strengthen coordination, partnerships and investment in OSH at national and global levels.
- Third, enhance workplace OSH management systems by promoting ILO-OSH 2001 principles, developing gender-transformative guidance, and tailoring it to specific hazards, risks, sectors, and occupations.

Read the report in full at ilo.org/global/

NISO WELCOMES NEW MEMBERS

National Irish Safety Organisation would like to welcome all of the organisations that have joined recently. As a not for profit organisation with charitable status, your membership of NISO supports our endeavours to promote health and safety in Irish workplaces.

Contact NISO on 01 465 9760 or email info@niso.ie for further information on NISO members and to receive a copy of our Membership Brochure.

NEW MEMBERS

Organisations to recently join NISO include:

- AP Wholesale Ltd T/A Outspann Training & Consultancy
- Avery Dennison Medical
- Casey Crane Services Ltd.
- G&W Contracts Ltd.
- HydeParkIreland Ltd.
- JJ Rhatigan and Company
- Kenny Developments Contracting Ltd.
- Structural Maintenance Systems Structuretek





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FEATURE

Errors, Mistakes and Violations Human Error and Successful Outcomes

Human error can be defined as the failure of actions to achieve their desired ends. There are three elements to this definition:

- A plan or intention that incorporates both the goal and the means to achieve it,
- 2. A sequence of actions initiated by the plan and
- The extent to which these actions are successful in achieving their purpose.

Errors and Successful Actions

Actions may fail to achieve their goals for one or the other of the following reasons:

- The plan is adequate, but the actions fails to go as planned.
- There are unintended failures of execution and are commonly termed slips, lapses, trips or fumbles.
 - Slips relate to observable actions and are commonly associated with attentional or perceptual failure.
 - Lapses are more internal events and generally involve failure of memory.
- The actions may conform exactly to the plan, but the plan is inadequate to achieve its intended outcome.
 - Here the failure lies at a higher level with the mental processes involved in assessing the available information, planning, formulating intentions and judging the likely consequences of the planned actions.

Inadequate plan errors are termed as mistakes and have been further divided into two subcategories:

1. Rule Based Mistakes

Rule based mistakes involve either the misapplication of normally good rules, the application of bad rules or the failure to apply a good rule (a violation).

2. Knowledge Based Mistakes Knowledge based mistakes occur when we have run out of pre-



packaged solutions and go online to solve solutions to problems.

Errors – Deviation

Errors involve some kind of deviation

- In the case of slips, lapses, trips and fumbles
 - o Actions deviate from the current intention.
- In the case of mistakes, however, o The departure is from some adequate path towards the desired goal.

Violations and Compliant Action

Violations are deviations from safe operating procedures, standards or rules.

Such deviations can be either deliberate or erroneous.

- The most interesting are the deliberate violations where the actions, though not possible bad consequences, are intended.
- These non-malevolent acts should be distinguished from sabotage in which both the act and the damaging outcomes are intended.

Violations and Compliant Action

Three major categories of safety violation

have been distinguished: routine, optimising and necessary violation:

1. Routine violations

- Typically involve corner cutting at the skill-based level of performance taking the path of least effort between two task related points.
- These short cuts can become a habitual part of the person's behavioural repertoire, particularly when the work environment is one that rarely sanctions violations or rewards compliance.

2. Optimising violations

- Violating for the thrill of it, reflect the fact that some of these are quite unrelated to the functional aspects of the task.
- Tendencies to non-functional goals can become a part of an individual's performance style.

3. Necessary violations

- Have their primary origins in particular situations.
- Here noncompliance is seen essential in order to get the job done.

FEATURE

Human Failings

Human failings do not happen in isolation. The following factors can influence human behaviour.

- 1. Job Factors
- 2. Human Factors
- 3. Organisational Factors
- 4. Plant and Equipment Factors

Job Factors:

- How much attention is needed for the task (both too little and too much can lead to higher error rates)?
- Divided attention or distractions are present;
- Inadequate procedures;
- Time available.

Human Factors:

- Physical ability (size and strength);
- Competence (knowledge, skill and experience);
- Fatigue, stress, morale, alcohol or drugs.

Organisational Factors:

- Work pressure, long hours;
- Availability of sufficient resources;
- Quality of supervision;
- Management beliefs in health and safety (the safety culture).

Plant and Equipment Factors:

- How clear and simple are the controls to read and understand?
- Is the equipment designed to
- detect or prevent errors?

(For example, different-sized connectors are used for oxygen and acetylene bottles to prevent errors in connecting the hoses)

 Is the workplace layout userfriendly?

Errors, Mistakes and Violations is covered in greater depth as part of the NISO CPD Certificate in Workplace Accident Investigation course in association with Technological University Dublin. This course is next taking place from 26 February to 1 March 2024.

Course bookings: niso.ie/product/cpdcert/

Further details: niso.ie/cpd-certs-dip/

NISO/NISG All Ireland Safety Quiz Final

Saturday, 27 April 2024; 14.30hrs; Castletroy Park Hotel, Limerick

To qualify for the All Ireland Safety Quiz Finals you need to participate and win the relevant category in one of the eight regional or Northern Ireland quizzes.

NISO North East Region

[covering counties Cavan, Louth, Meath, Monaghan] 21 February 2024; Errigal County House Hotel, Cootehill, Co. Cavan

NISO Eastern Region

[covering counties Dublin, Kildare, Wicklow] 6 March 2024; 19.00hrs.; Venue TBC

NISO Western Region

[covering counties Galway, Mayo, Roscommon] 7 March 2024; 20.00hrs.; Oranmore Lodge Hotel, Oranmore, Co. Galway

NISO Midland Region

[covering counties Laois, Longford, Offaly, Westmeath] 13 March 2024; 19.30hrs.; Bridge House Hotel, Tullamore, Co .Offaly

NISO Mid West Region

[covering counties Clare, Limerick, Tipperary North] 14 March 2024; Greenhills Hotel, Ennis Road, Limerick



NISO/NISG All Ireland Safety Quiz Final

Saturday, 27 April 2024 | 14.30hrs Castletroy Park Hotel | l imerick

NISG Northern Ireland

[covering counties Antrim, Armagh, Derry, Down, Fermanagh, Tyrone] 14 March 2024; 20.00hrs.; Ulster University — Belfast Campus, York Street, Belfast BT15 1ED

NISO North West Region

[covering counties Donegal, Leitrim, Sligo] 14 March 2024; Clayton Hotel, Clarion Road, Co. Sligo

NISO Southern Region

[covering counties Cork, Kerry] 4 April 2024; 19.00hrs.; Radisson Blu Hotel, Little Island, Cork

NISO South East Region

[covering counties Carlow, Kilkenny, Tipperary South, Waterford, Wexford] Date & Venue TBC

How to book: Visit niso.ie/product/safety-quiz-teams/





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Farm Safety During Lambing

NEW PUBLICATIONS

While physical risks of injury from sheep maybe lower than livestock, health risks may be greater especially with musculoskeletal disorders and zoonotic diseases.

Available at hsa.ie.

Farmer Safety During Calving

Guidance from the HSA. Don't let what should be a happy event for both farmer and cow (heifer) turn into a fatal incident.

Available at hsa.ie

Safety and health insights for digital platform work

While digital platform work can be an

complex to prevent and manage. To tackle this challenge, policy makers, platforms, trade unions and workers need to come together to introduce and improve OSH initiatives.

Available at osha.europa.eu

Psychosocial risk exposure and mental health outcomes of European workers with low socioeconomic status

This review from EU-OSHA offers 10 good practices from companies and stakeholders that moderate the extent of adverse health outcomes in low socioeconomic status

workers (LSES). The findings inform future research directions and propose policy pointers to improve management and prevention of PSRs for the group of LSES workers.

Available at osha.europa.eu

Workers with mental disorders in a digitalised world: challenges, opportunities and needs

This article provides an overview of how workers with diagnosed and undiagnosed mental disorders (MDs) cope differently with work, technology/digitalisation and relational demands. Disclosure of an MD at

work is often difficult for the employee due to stigmas, therefore employers should stimulate a culture change supporting confidentiality and trust. The article underlines the need for tailored approaches, trust building and general acknowledgment reflected by adequate regulatory and organisational support.

Available at osha.europa.eu





Available at osha.europa.eu

social care workplaces.

Guidance on Safety with Patient Hoists and Slings in Health and Social Care Settings

New Publications

Psychosocial risks in the

Discussion paper from EU-OSHA on

interventions to prevent, reduce and

manage psychosocial risks in health and

New guidance published by the HSA. Hoists and slings are used in many health and social settings to assist in the moving and handling of patients..

Available at hsa.ie.

Chemicals in Further Education and Training (FET)

This information sheet from the HSA was written for FFT staff and students to raise awareness about the safe management of chemical hazards and to enable students / apprentices to recognise hazards and protect themselves during their training and future careers..

Available at hsa.ie

Use chemicals safely in schools

This information sheet from the HSA was written for primary and post primary school staff and post primary school students to raise awareness of the safe use and management of chemicals in schools.



Available at hsa.ie

Sound Matters – Occupational Noise

A practical guide to managing noise exposure at work. It is written for employers and employees to raise awareness and control the risk of workplace noise.





Available at hsa.ie







additional or alternative source of income and an opportunity to enter the labour market for some groups of workers, it is linked to occupational health and safety (OSH) risks and challenges that can be









HSA

Legislation

SI No. 441 of 2023 — Merchant Shipping (Health and Safety General Duties and Reporting of Marine Incidents) Regulations 2023

These Regulations set out the general obligations placed on the owner and master in relation to occupational health and safety onboard ships and provide for the appointment of safety officials by the ship's owner, and safety representatives appointed by the ship's crew on board a ship registered in the State, other than fishing vessels, non-sea-going vessels and pleasure craft. The safety officer and committee must promote a culture of safety on board, through open reporting, meeting formally on a regular basis to discuss safety on board and establishing and maintaining an up-to-date risk assessment register. They require the crew to comply with occupational health and safety guidelines and for any marine incidents to be reported to the Marine Survey Office.

SI No. 488 of 2023 — Merchant Shipping (Dangerous Goods) Rules 2023

These Rules give effect to Chapter VII of the Convention for the Safety of Life at Sea and provide for the carriage and stowage of dangerous goods and the general duties of the shipowner, master and crew aboard the ship. They further provide for requirements to ensure cargo is appropriately secured, that all relevant documentation is maintained on board the ship and is readily available in case of emergencies and reporting requirements for the loss of dangerous goods. Provisions in relation to the carriage of dangerous goods in solid form in bulk are also set out along with requirements for certain explosives. These Rules revoke the Merchant Shipping (Dangerous Goods) Rules 1992 (S.I. No. 391 of 1992).

niso.ie NISO CERTIFICATE IN SAFETY, **HEALTH AND WELFARE AT** COURSE WORK Commencing Technological University of the Shannon -Midlands Midwest (TUS - Athlone) 12 February 2024 (Online / class attendance required on 2 evenings) **Online/Dublin** 20 February 2024 (Online & Classroom Hybrid Exam in classroom only) **ATU Castlebar Campus** 20 February 2024 (Classroom only) National Irish Safety Organisation A11 Calmount Park, Ballymount, Dublin 12 T 01 465 9760 F 01 465 9765 so ie W niso Course Price: €425 (NISO members); €525 (Non members)

FATAL WORKPLACE INJURIES BY ECONOMIC SECTOR 2013-2024 (NACE REVISION 2)

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
A Agriculture + forestry + fishing	1+0+0	16+1+3	14+0+0	10+1+0	20+0+3	20+0+3	15+1+4	25+0+2	21+1+4	18+1+5	32+0+1
B Mining and quarrying	0	0	0	0	0	0	0	0	1	2	0
C Manufacturing	0	1	0	5	4	2	2	0	2	3	3
Electricity; gas, steam and air conditioning supply	0	0	0	0	0	0	0	0	0	0	1
E Water supply, sewerage, waste management and remediation activities	0	2	1	2	1	2	2	1	1	3	0
F Construction	0	10	7	10	17	12	5	6	10	11	6
G Wholesale and retail trade; repair of motor vehicles and personal goods	0	2	1	2	4	2	2	3	2	3	5
H Transportation and storage	0	2	1	6	2	6	8	5	1	3	3
Accommodation and food service activities	0	0	1	0	1	0	0	1	0	0	0
J Information and communication	0	1	0	0	0	1	0	0	0	0	0
K Financial and insurance activities	0	0	0	0	0	0	0	0	0	0	0
L Real estate activities	0	0	0	0	0	0	0	0	0	0	0
M Professional, scientific and technical activities	0	0	0	0	0	0	0	0	0	0	1
N Administrative and support service activities	0	3	0	0	0	1	0	0	2	0	2
 Public administration and defence; compulsory social security 	0	0	2	0	1	0	0	5	1	4	0
P Education	0	0	1	1	0	0	0	0	0	0	0
Q Human health and social work activities	0	2	0	0	0	0	0	0	1	2	0
R Arts, entertainment and recreation	0	0	0	1	2	0	0	0	1	1	1
S Other service activities	0	0	0	0	0	0	0	0	0	0	0
Totals	1	43	28	38	55	49	39	48	48	56	55

Source: HSA, correct at 22 January 2024. Note that some accidents may be under investigation and may not have been recorded yet.

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NISO TRAINING AND EVENTS

For further details and to book visit https://niso.ie/shop/

TRAINING SCHEDULED AT NISO TRAINING CENTRE, DUBLIN 12 AND/OR ONLINE

SOLAS Safe Pass (1 day) Kilkenny, 3 February; Waterford, 17 February; Clonmel, 16 March

Safety Representation; NISO Certificate (2 day); 13—14 February; 12—13 March

DSE-VDU Risk Assessor Course (Online); NISO Certificate (1 day); 22 February; 27 March

CPD CERTIFICATES IN SAFETY MANAGEMENT AT WORK (CERTIFIED BY TECHNOLOGICAL UNIVERSITY DUBLIN)

(5 days plus exam) Hybrid - NISO Training Centre, Dublin 12 and/or Online

Workplace Accident Investigation: 26 February – 1 March

NISO CERTIFICATE IN SAFETY, HEALTH AND WELFARE AT WORK

13 weeks / 2 hours per week (evenings)

Midland Region Venue: TUS Athlone Commencing 12 February 2024

Dublin / Online Venue: NISO Training Centre, Dublin 12 and/or online Commencing 20 February 2024

Western Region Venue: Castlebar TBC Commencing: 20 February 2024

NISO WEBINAR SERIES (FREE)

Crowd Psychology: 29 February Safety Barriers: 28 March

EVENTS IN THE REGIONS

North East Region

NISO North East AGM Errigal Country House Hotel, Cootehill, Co. Cavan 21 February 2024

Safety Quiz Heat Errigal County House Hotel, Cootehill, Co. Cavan 21 February 2024

East Region

NISO East AGM NISO Training Centre, Ballymount, Dublin 12 8 February 2024

Safety Quiz Heat Venue TBC

Midland Region NISO Midland AGM Creggan Court Hotel, Athlone, Co. Westmeath 6 March 2024

Safety Quiz Heat Bridge House Hotel, Tullamore, Co. Offaly 13 March 2024

West Region

NISO West AGM Oranmore Lodge Hotel, Co. Galway 7 March 2024

Safety Quiz Heat Oranmore Lodge Hotel, Co. Galway 7 March 2024

Mid West Region NISO Mid West AGM Greenhills Hotel, Ennis Road, Limerick 18 January 2024

Safety Quiz Heat Greenhills Hotel, Ennis Road, Limerick 14 March 2024

North West Region

Safety Quiz Heat Clayton Hotel, Clarion Road, Sligo 4 April 2024

South Region

Safety Quiz Heat Radisson Blu Hotel, Little Island, Cork 4 April 2024

South East Region NISO South East AGM Date & Venue TBC

Safety Quiz Heat Date & Venue TBC

NATIONAL EVENTS

NISO National Annual General Meeting Castletroy Park Hotel, Limerick 27 April 2024

NISO/NISG All Ireland Safety Quiz Final Castletroy Park Hotel, Limerick

27 April 2024

NISO Annual Safety Conference and Trade Exhibition Killarney, Co. Kerry 11 October 2024

NISO/NISG All Ireland Safety Awards Gala Dinner Killarney, Co. Kerry 11 October 2024



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