

National Irish Safety Organisation



NATIONAL IRISH
SAFETY ORGANISATION

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

AUTUMN 2023 VOL. 65

SITUATION AWARENESS



National Irish Safety Organisation

Update!

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President's Message

As autumn approaches, as is the norm for NISO at this time of year, we are very busy preparing for this year's Annual Conference and All Ireland Safety Awards Presentation Dinner.

This year's conference will take place on 13 October in the Great Southern, Killarney and will see a wide range of issues discussed with both national and international speakers.

As the national representative organisation of the European Network of Safety and Health Professional Organizations (ENSHPO) representing Ireland, NISO is delighted to welcome Mireya Rifá Fabregat, President of ENSHPO, who will also be speaking at this year's conference.

Professor Kingston Mills will discuss immunology in the workplace while Ed Paxton of DuPont UK will address driving safely. Chief Futurist with FYLD, Karl Simons OBE, will address conference delegates on the future of work incorporating AI.

Mark Cullen, Assistant Chief Executive of the Health and Safety Authority will outline current topics and concerns from the Authority.

Capt. Niall Downey from frameworkhealth will address accident prevention from a no blame reporting culture relating to errors, while Michael Gillen from Ibec will, in his own unique and enterprising style, address general health and safety issues.

Dermot Leary, National Bus and Rail Union (NBRU) and Lorraine O'Brien, MANDATE, will form part of a panel discussion on the ever-increasing levels of violence in the workplace. This topic is a concern for a growing number of employers in all sectors of the workplace.



Harry Galvin, President,
National Irish Safety Organisation

We are awaiting confirmation from a number of other speakers at the time of writing this article.

The All Ireland Safety Awards committee comprising members of NISO and NISG is currently conducting quality assurance on the award entries.

The NISO Trade Exhibition of Health and Safety Products and Services will be taking place in conjunction with the annual conference where you can explore new products and equipment with the representatives on each trade stand.

I look forward to meeting you all at conference on 13 October and at the All Ireland Safety Awards Presentation Dinner on that same evening. As always this is a great opportunity to meet old friends and to make new ones by building up your safety and health contacts across the country from different industries.

Harry Galvin
President,
National Irish
Safety Organisation.



Safe and healthy workplaces in Europe — latest trends



The European Agency for Safety and Health at Work (EU-OSHA) launched its flagship report, ***Occupational safety and health in Europe: state and trends 2023***, at the 2023 Occupational Safety and Health (OSH) Summit. It provides a comprehensive review of the state and contextual developments of OSH in the European Union over the past years and provides insights into emerging trends.

Speaking at the launch of the report, William Cockburn, Interim Executive Director, EU-OSHA, said “...between 1998 and 2019, non-fatal work accidents decreased by

58% in the EU, while fatal accidents dropped by 57%. Improved prevention measures, along with economic developments and workforce shifts contributed to these reductions. However, the greatest part of this decrease took place before 2010 and figures have been stagnating over the past years.”

The report also gives an overview of potential improvements, stagnating and ambiguous developments as well as areas of concern like non-standard types of work, incomplete compliance with OSH regulation or physical inactivity and future challenges.

Nicolas Schmit, European Commissioner for Jobs and Social Rights welcomed the report, saying “EU-OSHA’s report ***Occupational safety and health in Europe: state and trends 2023*** provides an essential analysis of where things have improved in workplaces across the EU, but also where we still have a lot of work to do.”

EU-OSHA hopes that this publication will have a significant impact on future policy and approaches to safeguarding the safety and health of workers in Europe. The data can be easily viewed and analysed country by country using the OSH Barometer data visualisation tool.

Source: osha.europa.eu

HSA publish its Annual Report for 2022

The Health and Safety Authority (HSA) has published its 2022 Annual Report. This is the HSA’s first annual report under its Strategy Statement 2022–2024.

Key highlights from the 2022 Annual Report include:

- Twenty-eight work-related fatalities were reported in 2022 compared to 38 in 2021, a reduction of over 26% and the lowest reported fatality figure on record.
- Over 11,000 inspections and investigations were conducted across all economic sectors and across all legislative mandates.
- 260 non-compliant chemical products were removed from the Irish market.

- Significant work was undertaken shaping EU chemical policy on the Chemical Strategy for Sustainability and a toxic-free environment.
- Over 30,000 online courses were taken on the Authority’s eLearning platform, hsalearning.ie.
- Engagement with “future workers” grew with over 20,000 post-primary students from 400 schools taking part in the HSA’s Choose Safety programme, the largest annual participation.

Conor O’Brien, Chief Executive Officer, HSA said, “With the lowest number of fatalities on record since the Authority was established in 1989, I very much welcome the significant reduction in work-related fatalities last year.

However, we recognise that families, colleagues and communities have been left

devastated because of the 28 lives lost in work-related incidents in 2022. With over 11,000 inspections and investigations undertaken last year, our commitment to creating a culture of workplace safety and health throughout all workplaces and taking appropriate enforcement action.

The HSA 2022 Annual Report is available to download from hsa.ie.

Source: hsa.ie



Patricia Byron appointed chairperson of the Health and Safety Authority

Neale Richmond TD, Minister of State for Business, Employment and Retail, has announced Patricia Byron as the Chairperson of the Health and Safety Authority for a three year term.

Ms. Byron has many years' experience in the public and private sectors including two terms as CEO of the Personal Injuries Assessment Board. She currently sits on the Board of the Central Bank of Ireland Commission as well as chairing a number of public sector Audit committees including the Department of Finance and is also Chairperson of the Board of the Health Insurance Authority.

Commenting on Ms. Byron's appointment, Minister Richmond said, "Patricia has extensive leadership experience across the public and private sectors and I know that she has the knowledge and expertise to confidently steer the future direction of the HSA as the world of work that we all face continues to evolve".

Taking up the role, Ms. Byron said, "I am conscious that as a public body that operates and regulates across a broad and diverse mandate, the Authority plays a unique role in ensuring the safety of workers, services, consumers and products in the private and public sectors as well as the environment. I look forward to working with Minister Richmond, the Board, CEO and staff of the Authority in ensuring the Authority fulfils its remit on behalf of the workers and consumers of Ireland".

Source: hsa.ie

Healthy Workplace website launched

Developed under the National Framework for Healthy Workplaces, the recently launched Healthy Workplace website is intended to be a one-stop-shop that helps organisations to make their workplace a Healthy Workplace.

The new site features interactive tools to facilitate the delivery and evaluation of health and wellbeing initiatives in workplaces of any size.

It is designed to cater for the needs of public and private organisations and is targeted towards members of staff from Wellness/Health Promotion, Human Resources, Occupational Health, Health & Safety, decision-makers in senior management, and employees hoping to champion a Healthy Workplace.

Welcoming the launch of the new website, Minister of State with responsibility for Public Health,

Wellbeing and the National Drugs Strategy, Hildegard Naughton, said "With more than two million people employed in Ireland, organisations that use healthyworkplace.ie have enormous potential to influence population health, as the measures they implement will directly impact on the physical, mental, economic and social wellbeing of workers".

Tom James, Head of Healthy Ireland, said "The launch of the Healthy Workplace website is a key milestone in the implementation of the National Framework for Healthy Workplaces. It provides resources and support to workplaces which are open and ready to engage with the wellbeing agenda and this is essential if we are to improve the health of the whole population."

Visit: healthyworkplace.ie

Source: www.gov.ie

Second phase of the Personal Injuries Resolution Board Act 2022 commenced

The second phase of the Personal Injuries Resolution Board Act 2022 will take effect from 4 September 2023.

Announcing the commencement date, Dara Calleary TD, Minister of State for Trade Promotion, Digital and Company Regulation said "The second phase will further strengthen the PIAB process and reduce the potential for identity fraud and ensure accuracy in relation to payment of resolved claims.

"As this phase sees a change to the current application process, I am providing a period of notice for enactment to allow for all relevant stakeholders, especially claimants, to become familiar with the updated process and make any necessary arrangements."

From 4 September 2023:

- it will be a requirement to supply a Personal Public Service Number or alternative identification when making an application to PIAB

- all claimants will be required to sign the application form
- failure to supply the required information listed in sections 3(b) and 3(c) of the PIRB Act 2022 regarding an application to PIAB, including description in the medical report of the personal injuries allegedly sustained, will result in the statute of limitations continuing to run and the PIAB application will be incomplete

PIAB will be communicating with relevant stakeholders to ensure they are aware of the changes in advance of their implementation.

Minister Calleary further added: "As part of this reform agenda the Personal Injuries Resolution Board Act encourages more claimants and respondents to avail of an enhanced personal injuries resolution service, reducing the need to go to court and reducing the cost of personal injury claims."

Source: www.gov.ie

Free online health and safety induction for SMEs launched

The Health and Safety Authority (HSA) and Atlantic Technological University (ATU) Sligo have launched an online Workplace Safety, Health and Welfare Induction aimed at supporting employers to deliver induction to new employees.



The online induction comprises a suite of short awareness-raising courses which can be used along with workplace-specific training. The online induction can be accessed on the HSA elearning portal and on the ATU Free Courses portal at Workplace Safety Health and Welfare at Work Induction.

The Workplace Safety, Health and Welfare Induction consists of 8 units covering a range of health and safety areas designed to help employees to stay safe while at work. Units 1 and 2 are compulsory and cover key employer and employee roles and responsibilities as well as work-related stress. Units 3 to 8 are optional and can be selected as appropriate to the specific work environment. Topics include: manual handling; ergonomics; housekeeping in the workplace; chemical safety; workplace transport safety; noise and machinery.

Assistant Chief Executive, Health and Safety Authority, Mark Cullen said, "This online Induction resource will assist employers in meeting their training obligations toward employees. Employees should have a clear understanding of the risks in their workplace and the actions required to avoid workplace injury and ill-health."

President, Atlantic Technological University, Dr. Orla Flynn said, "This free online Induction will also support those seeking to enter the workforce, as well as employers who wish to refresh their employees' awareness of health and safety. It offers a high degree of flexibility as the course is available 24/7, and can be taken online from anywhere."

Digital badges are awarded to learners for each unit taken. A certificate is also awarded to learners on successful completion of the course sections, which includes a short online assessment.

The Workplace Safety, Health and Welfare Induction is available at: <https://hsaelearning.ie/mod/page/view.php?id=523>

Source: hsa.ie

Campaign on Violence and Aggression in the Workplace

The Health and Safety Authority (HSA) has prioritised the hazard of work-related violence and aggression (V&A) since the establishment of a new Occupational Health division.

The HSA has previously adopted the European Commission's definition of work-related V&A, which defines it as; "any incident where staff are abused, threatened or assaulted in circumstances related to their work, involving an explicit or implicit challenge to their safety, wellbeing or health."

While it is difficult to present a full picture of work-related V&A across the economy, close to 600 incidents arising from workplace V&A are reported annually to the HSA. In addition a five-year review (2015–2019) of violence, harassment and aggression across the State sector in Ireland, undertaken by the State Claims Agency (SCA) found that:

- 5,025 V&A incidents occurred
- 68% of claims were rated as moderate in severity (injury requiring medical treatment)
- Estimated State liability on claims at end of 2019 was €15.1million
- The cost of a claim ranged between €7,000 and €891,588
- V&A claims relating to psychological injuries such as PTSD result in the highest levels of compensation

Further information and resources on managing hazards in the workplace can be found at hsa.ie.

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 9750 or email info@niso.ie for further information on NISO membership and to receive a copy of our Membership Brochure.

New Members

Organisations to recently join NISO include:

- **Cantwell Electrical Engineering Ltd.**
- **Colden Safety Training**
- **Cubbitt Safety Services Limited**
- **Dalmoy Limited**
- **Fajon Construction**
- **Servisource**
- **SolarShare Limited**
- **VP Equipment Rental (Ireland) t/a Groundforce & Groundforce Safety**



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To find out more see <https://servisourcetraining.ie/> or call 1800 603 604



NISO Charity Golf Day a Success

National Irish Safety Organisation held a Golf Classic in support of the Lighthouse Club – Construction Industry Charity at the Heritage Golf Resort in Co. Laois on 23 June 2023. A total of €6,200 was raised through this event and donated to the Lighthouse Club.

Twenty-three teams participated on the day.

Many thanks to the Heritage Golf Resort and also to An Post, prize sponsors for the golf and Designer Group, sponsor of the super raffle prize.



Winners

1st Prize: Designer Group

2nd Prize: O'Connor Sutton Cronin & Associates

3rd Prize: Lynskey Engineering

Nearest Pin: Val Broderick 1.04M

Longest Drive: Gavin Mullins, O'Connor Sutton Cronin & Associates

Main Raffle Prize Winner: Paddy O'Reilly, Lynskey Engineering Cootehill (representing the North Eastern Region*)



Winning Team – Designer Group

Thanks to all our sponsors

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| CJK Engineering | Sammon Construction | |
| Collen Construction | | |



Participating Teams

| | | |
|------------------------------------|--|--|
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NIAL DOWNEY, FRAMEWORK HEALTH
MICHAEL GILLEN, IBEC
DERMOT LEARY, NBRU
KINGSTON MILLS, TRINITY COLLEGE DUBLIN
LORRAINE O'BRIEN, MANDATE
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What are Reportable Diseases?

Biological Agents

Biological agents are found in many work sectors and include bacteria, viruses, fungi (yeasts and moulds) and parasites. Some of these agents may have potential to cause ill health.

Workers may be harmed by being infected by a biological agent, by being exposed to toxins produced by the biological agent or have an allergic reaction to the biological agent or substances it produces. Some biological agents have the ability to replicate rapidly, require minimal resources to survive and can infect at very small doses.

Diseases caused by working with a biological agent* (not just SARS-CoV-2, the causative agent of the disease COVID-19) are reportable to the Health and Safety Authority under the Safety, Health and Welfare at Work (Biological Agents) Regulations 2013 and 2020.

Reg. 12 (5) *an employer who becomes aware of, or a registered medical practitioner (including a responsible medical practitioner) who diagnoses, a case of disease or death of an employee resulting from occupational exposure to a biological agent, to notify such occurrence to the Authority.* A case of COVID-19, resulting from working with the virus can be notified using the reporting template (form) provided on the HSA's website at the following address: https://www.hsa.ie/eng/topics/covid-19_coronavirus_information_and_resources/covid-19_guidance_and_advice/guidance_and_advice/form_bar01.docx
And send to: contactus@hsa.ie

https://www.hsa.ie/eng/topics/covid-19_coronavirus_information_and_resources/covid-19_guidance_and_advice/guidance_and_advice/covid_19_%E2%80%93faq_s_and_advice_for_employers_and_employees/reporting_of_covid-19_cases.html

*How do I determine if a case of COVID-19 is work-related?

There are two scenarios where occupational exposure to biological



agents can occur:

1. Occupational exposure to SARs-CoV-2 can result from carrying out work activities that involve a deliberate intention to work with the virus e.g. propagating the virus in a research laboratory.
2. Occupational exposure can also occur incidentally from specific work activities involving direct exposure to the virus e.g. working directly with a COVID-19 patient, handling SARs-CoV-2 infected waste, conducting COVID-19 testing or carrying out diagnostic testing for COVID-19 in a laboratory.

Establishing if an employee was infected with COVID-19 due to occupational exposure as a result of their work activities will require the employer to make a reasonable determination of the relevant circumstances.

Employees in work settings such as retail, offices, construction, manufacturing, hospitality, transport (air, rail, bus) etc. are not working directly with the coronavirus (SARs-CoV-2) and therefore the Biological Agents Regulations would not be applicable to those places of work including the reporting requirements.

Carcinogens

Reg. 12 (7) Carcinogen Regulations 2021 requires: an employer who becomes aware of, or of any registered medical practitioner

including a responsible medical practitioner who diagnoses a case of cancer resulting from occupational exposure, to notify such case to the Authority.

Asbestos

For diseases due to exposure to asbestos, Regulation 24(2) of the Safety, Health and Welfare at Work (Exposure to Asbestos) Regulations 2006 requires where a registered medical practitioner becomes aware of a case of asbestosis or mesothelioma, they are reportable in writing to the Authority.

Prescribed occupational diseases

Under S.I. No. 102 of 2007 Social Welfare (Consolidated Occupational Injuries) Regulations, there is a list of prescribed occupational diseases (categorised into occupational diseases caused by physical, chemical, biological agents or other causes) which is taken from the European Schedule of Occupational Diseases.

The Department of Social Protection, Community and Rural Development and the Islands, manage the Prescribed Diseases system. Included in the list are conditions relating to occupational exposure to noise and vibration etc, as well as extrinsic allergic alveolitis ("including farmer's lung"), and Mesothelioma / pneumoconiosis caused by asbestos exposure is also included in the list.

Situation Awareness

This feature takes a look at one aspect of Behavioural Safety Management - Situation Awareness.

Situation awareness can be explained simply as knowing what is going on around you.

A more specific definition of situation awareness is:

- A dynamic, multifaceted construct that involves the maintenance and anticipation of critical task performance events.

Team members must also have temporal awareness - anticipation of future events based on knowledge of both the past and the present. It is crucial that individuals monitor the environment so that potential problems can be corrected before they escalate (Shrestha et al., 1995).

- The term situation awareness and situation assessment are often used synonymously.
- The term situation assessment is used to describe the first stage of decision making in operational settings when a specific, focused diagnosis of the current situation is made in order to take action.
- This is based on the ongoing situation awareness (i.e. monitoring) and the need for a situation assessment is usually triggered by a significant change in the task environment.
- Situation awareness is essentially what psychologists call perception or attention. It is a continuous monitoring of the environment, noticing what is going on and detecting any changes in the environment.

| Category | Elements |
|---------------------|----------------------------|
| Situation Awareness | Gathering information |
| | Interpreting information |
| | Anticipating future states |

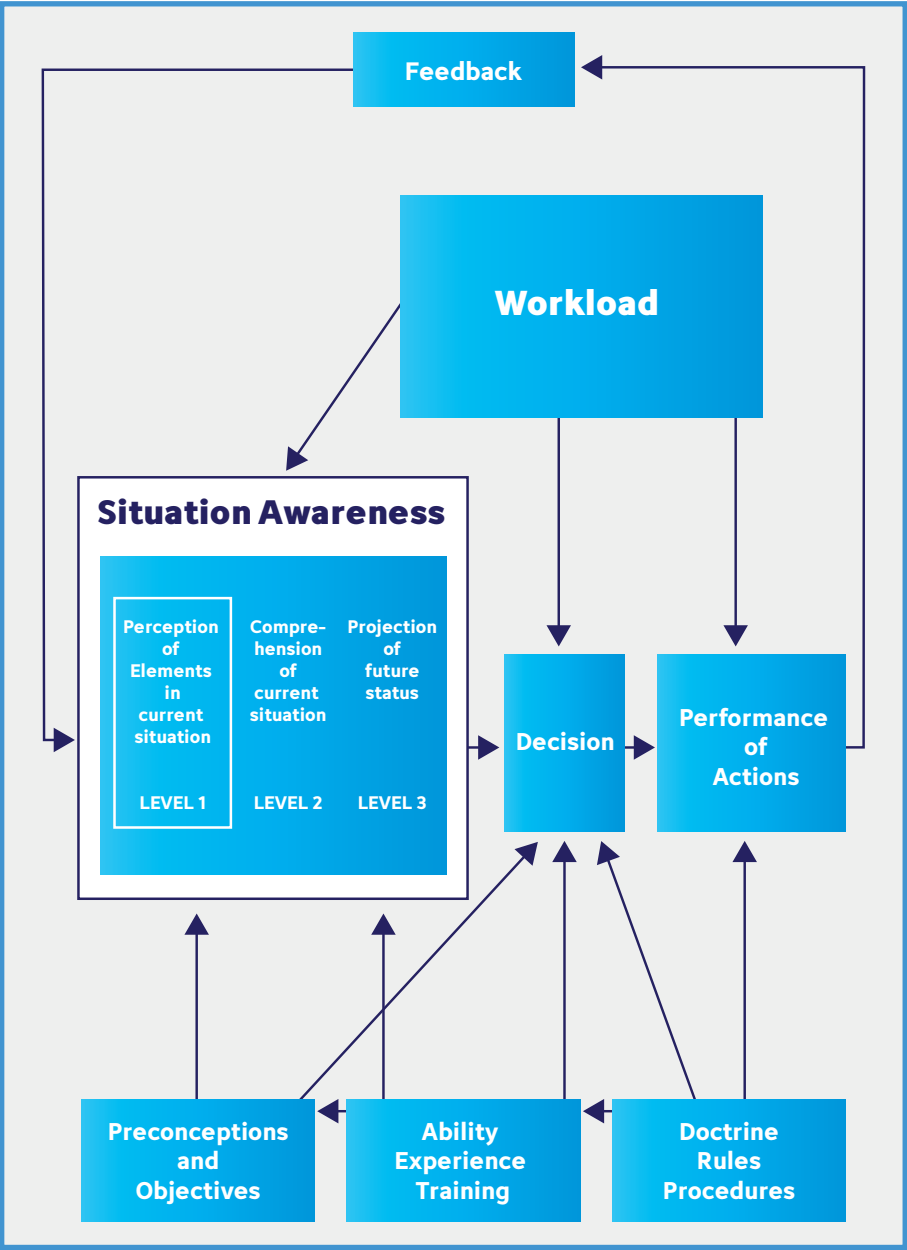
Increasing interest in attention skills has been driven to some degree by the rapid development of

- computer based monitoring systems,
- automated control process,
- intelligent systems and
- other technological advances that serve to distance humans from the systems they are operating.

Thus the importance of the human operator has been recognised, e.g.,

- the team leaders, supervisor having a good “mental model” (picture in their head) representing the status of the current task and the surrounding work environment.

Model of situation awareness



Situation Awareness Levels

Level 1: Gathering

Essentially the worker is collecting information from the world around them to monitor the state of the work environment and progress on tasks they are engaged in.

Errors relating to Level 1 situation awareness - gathering information:

- Data were not available
- Data were difficult to detect/perceive
- Failure to scan or observe data
- Misperception of data

Examples of these problems

- narrowing of attention is sometimes called:
- tunnel vision or
- perceptual set or
- a fixation error
- Examples of this is the "Gorillas in our Midst"

Level 2: Interpreting the gathered information

The interpretation of the combination of cues is based on knowledge stored in long term memory as to what patterns of information mean and signify in terms of response. This process can happen very quickly and with little conscious processing, so it feels automatic to the expert.

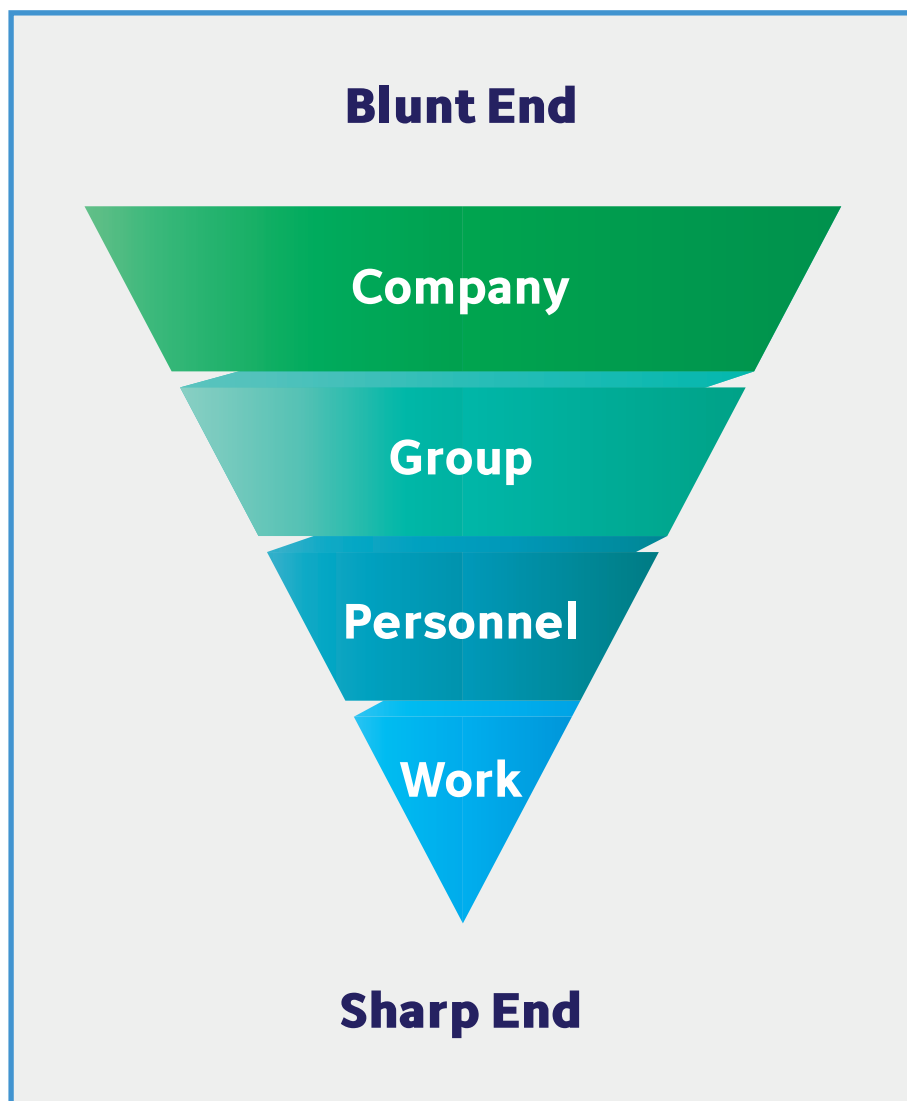
Level 3: Anticipating future states

Anticipating future states involves considering what will happen next, having comprehension of the situation, understanding what it means and then, using your stored knowledge from past experience, you are able to think ahead about how the situation is likely to develop in the immediate future.

Factors Affecting Situation Awareness

Limits of capacity

- Fatigue
- Stress
- Chemicals
- Stimulants
- Levels of blood glucose
- Distraction
- Interruptions
- Stimulus overload



Maintaining Situation Awareness

- Good briefing
- Fitness for work
- Minimising distraction and interruptions
- Updating
- Monitoring
- Speaking up
- Time management

Improving Situation Awareness

- Planning (e.g., check plant status before use)
- Problem-solving (e.g., do not discount symptoms of a problem by hypothesising and indication problem)
- Attention (e.g., over-focused on procedure at the expense of monitoring the plant)
- Team co-ordination (e.g., review team activities regularly)
- Communication (e.g., verbalise future actions).

Situation Awareness is covered in greater depth as part of the NISO CPD Certificate Course in Behavioural Safety Management in association with Technological University Dublin (TU Dublin).

Behavioural Safety Management Course – Contents

- Introduction to Behavioural Safety Management
- Workplace Taskings effects of safety behaviour
- Factors effecting Individuals
- Teams development and cohesion of individuals
- Organisational structure effects on team and individual performance.

For further information on this innovative health and safety training programme please visit niso.ie/cpd-certs-dip/

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DEPENDABLE PRODUCTS WHEN IT MATTERS MOST

New Publications

Safety Representative Resource Book Third Edition

The third edition of the Safety Representative's Resource book has been issued by the HSA. The book has been revised and updated to have regard to legislative changes, legal precedents and policy changes.



Available at hsa.ie.

Chemical Safety at Home and in the Garden

Some chemicals found in the home and garden may cause harm depending on how dangerous they are and how long or how often you are exposed to them.



Available at hsa.ie.

Code of Practice for Indoor Air Quality

The Code of Practice for Indoor Air Quality is implemented through S.I. No. 255/2023 - Safety, Health and Welfare at Work (General Application) (Amendment) Regulations 2023.



Available at hsa.ie.

SunSmart Employee Information Sheet

This information sheet is written primarily for employees and safety representatives to raise awareness about the risk of skin cancer from sun exposure.



Available at hsa.ie.

Labour inspectors' insights into perceived high-risk occupations and sectors in Europe

As the world of work continues to change, new perspectives are needed to address current occupational safety and health (OSH) concerns while primary data collection directly from the source is essential. Data from a recent EU-OSHA – SLIC survey, highlight high-risk occupations and sectors, offering insights that can be used to increase awareness, effective targeting of actions and inform training. Moreover, the findings can help to identify the areas that require attention and determine effective measures to mitigate risks faced by workers. The role of labour inspectors during the COVID-19 pandemic is also highlighted.



Available at osha.europa.eu

Supply chain governance in construction: Client led OSH regulation in complex construction projects

The construction sector records among the highest numbers of fatal and non-fatal work-related accidents across the EU. The inherent complexity of the sector's non-linear supply chains has led to a shift in focus towards the client, who may be able to acquire new agency in improving OSH and working conditions with the encouragement of governments and policy-makers. This policy brief illustrates client-led regulation using two examples of company practices, highlighting current procedures, their practical implications and potential benefits.

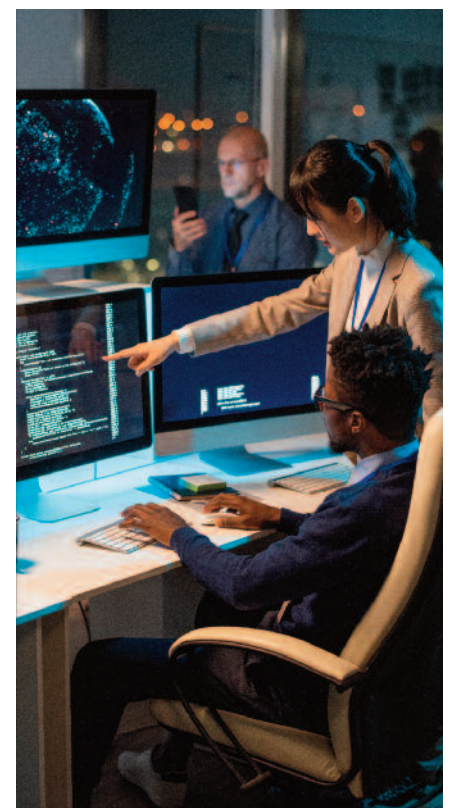


Available at osha.europa.eu

AI-based systems

EU-OSHA has published a series of articles on advanced robotics and AI-based systems in the workplace which are available at osha.europa.eu.

- Automating cognitive tasks in the workplace using AI-based systems: cases and recommendations
- Automating physical tasks using AI-based systems in the workplace: cases and recommendations
- Automating physical tasks using AI-based systems in the workplace: cases and recommendations
- Facilitating acceptance of AI-based systems in the workplace and minimising organisational impact
- Implementing advanced robotics and AI-based systems for task automation: drivers, barriers and recommendations
- Advanced robotics and AI-based systems in the workplace: OSH challenges and opportunities origination from actual implementations



New Legislation

SI No. 255 of 2023 - Safety, Health and Welfare at Work (General Application) (Amendment) Regulations 2023

The Regulations amend the Safety, Health and Welfare at Work (General Application) Regulations 2007 to 2023, to ensure that an employer takes appropriate actions, in accordance with the relevant Health and Safety Authority code of practice, to provide sufficient fresh air is circulating in enclosed spaces within a place of work.

The Regulations also provide for the introduction of the concept of a “relevant code of practice” under

the General Application Regulations. This will facilitate the introduction of other codes of practice to guide employers in complying with other sections of the General Application Regulations.

SI No. 315 of 2023 - European Union (international Labour Organisation Work in Fishing Convention) (Safe Manning) Regulations 2023

These Regulations provide for the safe manning of fishing vessels of 15 metres in length overall and over. They oblige the owner of every relevant fishing vessel to secure a minimum safe manning document

by a certain date and to abide by its provisions thereafter. Until that date, they set out minimum requirements for deck officers and engineer officers to be carried on board each vessel. They also require that a working language be established for operations on board each vessel and prescribe the watchkeeping arrangements that must be in place. They detail the powers of authorised officers to ensure compliance with the Regulations. The Regulations give effect to Article 10 of the Annex to EU Directive 2017/159 regarding manning requirements under the Work in Fishing Convention 2007.

Fatal Workplace Injuries by Economic Sector 2012–2023 (NACE Revision 2)

| | 2023 | 2022 | 2021 | 2020 | 2019 | 2018 | 2017 | 2016 | 2015 | 2014 | 2013 | 2012 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| A - Agriculture + forestry + fishing | 7+1+1 | 12+0+0 | 9+2+0 | 20+0+3 | 19+0+3 | 15+1+4 | 25+0+2 | 21+5 | 18+6 | 32+1 | 16+5 | 20+8 |
| B - Mining and quarrying | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 2 | 1 | 1 |
| C - Manufacturing | 1 | 0 | 5 | 4 | 4 | 2 | 0 | 2 | 3 | 3 | 1 | 0 |
| D - Electricity; gas, steam and air conditioning supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| E - Water supply, sewerage, waste management and remediation activities | 1 | 1 | 2 | 1 | 2 | 2 | 1 | 1 | 3 | 0 | 1 | 4 |
| F - Construction | 4 | 5 | 10 | 14 | 11 | 5 | 6 | 10 | 11 | 6 | 11 | 8 |
| G - Wholesale and retail trade; repair of motor vehicles and personal goods | 0 | 1 | 2 | 5 | 1 | 2 | 3 | 2 | 3 | 5 | 3 | 3 |
| H - Transportation and storage | 2 | 1 | 6 | 3 | 6 | 8 | 5 | 1 | 3 | 3 | 4 | 1 |
| I - Accommodation and food service activities | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| J - Information and communication | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| K - Financial and insurance activities | 0 | 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 | 0 |
| M - Professional, scientific and technical activities | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| N - Administrative and support service activities | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 2 | 0 | 1 |
| O - Public administration and defence; compulsory social security | 0 | 2 | 0 | 1 | 0 | 0 | 5 | 0 | 4 | 1 | 0 | 0 |
| P - Education | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Q - Human health and social work activities | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 |
| R - Arts, entertainment and recreation | 0 | 0 | 1 | 2 | 0 | 2 | 0 | 1 | 1 | 1 | 0 | 0 |
| S - Other service activities | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Total | 18 | 23 | 38 | 53 | 47 | 39 | 48 | 48 | 56 | 55 | 47 | 48 |

(Source: HSA, correct at 30 June 2023. Note that some accidents may be under investigation and may not have been recorded yet.)

NISO CERTIFICATE IN SAFETY, HEALTH AND WELFARE AT WORK **COURSE**



niso.ie



Commencing

13 weeks / 2 hours per week

**Technological University of the Shannon
Midlands Midwest (TUS - Athlone)**

18 September 2023

Online / class attendance required
on 3 evenings plus exam

Castlebar: ATU Castlebar Campus

19 September 2023

Classroom only

National Irish Safety Organisation

A11 Calmount Park, Ballymount, Dublin 12

T 01 465 9760 **F** 01 465 9765

E info@niso.ie **W** niso.ie

Course Price: €425 (NISO members); €525 (Non members)

Online/Dublin

19 September 2023

Hybrid (Online & Classroom)
Exam in classroom only

NISO Training & Events

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

Training scheduled at NISO Training Centre, Dublin 12 AND/OR Online

Safe Pass; Solas (1 day)

Kilkenny: 19 August

Manual Handling Basic NISO Certificate (half day)

18 August
8 September

Safety Representation (Online); NISO Certificate (2 day)

12–13 September
10–11 October

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 Safety Manager

25–19 September

Workplace Accident Investigation

23–27 November

Behaviour Safety Management

27 November–1 December

Workplace Ergonomics

27 November–1 December

NISO Certificate in Safety, Health and Welfare at Work

13 weeks / 2 hours per
week

TUS Athlone: Technological
University of the Shannon:
Commencing 18 September
2023

(Online / class attendance
required on 3 evenings plus
exam)

Castlebar: ATU Castlebar
Campus: Commencing 19
September 2023

Dublin / Online:
Commencing 19 September
2023

Seminars

Temporary Traffic Management at Roadworks - Latest Standards

Sligo: 28 September
Athlone: 25 October
Dublin: 26 October

Workshops New Supports from the HSA (Free)

Galway: 7 September
Kilkenny: 14 September
Killarney: 13 October
Sligo: 8 November
Dublin: 16 November

National Events

NISO Annual Safety Conference and Trade Exhibition

Killarney, Co. Kerry
13 October 2023

NISO/NISG All Ireland Safety Awards Gala Dinner

Killarney, Co. Kerry
13 October 2023
Visit niso.ie/shop



NISO, A11 Calmount Park, Calmount Avenue, Ballymount, Dublin 12, D12 EH21.
Tel: 01 465 9760 | Fax: 01 465 9765 | Email: info@niso.ie | Website: niso.ie

