

# **Industrial Hygiene – Offshore Regulatory Update**

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# Agenda

**PROTECTING PEOPLE  
AND PLACES FOR**



- **Industrial Hygiene**
- **HSE Challenges & Initiatives**
- **Reducing work related ill health**
- **Regulating Industrial Hygiene Offshore**
- **Permissioning Regime**
- **Investigations**
- **Inspections - IH Enforcement Statistics**
- **Asbestos DTM Campaign Updates**
- **Working with Industry - IH Inspection Guides**
- **NSOAF Multinational Audit – Hazardous Substances**

## What is Industrial Hygiene?

- The interface of people and their workplaces.
- Science and engineering to prevent ill health caused by the work environment
- The assessment and control of risks to health from workplace exposure to hazards.
- Help employers and employees to understand these risks and to eliminate or reduce them.
- Adequate control!
- Wider scope offshore...



The Chartered Society for Worker Health Protection



**100% ORGANIC** **GMO FREE** Contents may vary in color, shape and beliefs

# Industrial Hygienist

**INGREDIENTS:**  
100% awesomeness, intelligence, humor, hilarity, a hint of mischief, a bit of Anticipation, Recognition, Evaluation and Control, with a dash of Bayesian statistics.

**AVOIDS TRAGEDY** **PROMOTES WELL-BEING** **BIG HEART** **HANDLES WITH CARE** **REQUIRES COFFEE**

# Key facts

 **1.9 million**

Workers suffering from work-related ill health (new or long-standing) in 2024/25

*Source: Estimates based on self-reports from the Labour Force Survey for people who worked in the last 12 months*

 **0.7 million**

Workers sustaining a workplace non-fatal injury in 2024/25

*Source: Estimates based on self-reports from the Labour Force Survey*

 **40.1 million**

Working days lost due to work-related ill health and workplace non-fatal injury in 2024/25

*Source: Estimates based on self-reports from the Labour Force Survey*

 **1.0 million**

Workers suffering from work-related stress, depression or anxiety (new or long-standing) in 2024/25

*Source: Estimates based on self-reports from the Labour Force Survey for people who worked in the last 12 months*

 **59,219**

Employee work-related non-fatal injuries reported by employers under RIDDOR in 2024/25

*Source: RIDDOR*

 **11,000**

Lung disease deaths each year estimated to be linked to past exposures at work

*Source: Counts from death certificates and estimates from epidemiological information*

 **0.5 million**

Workers suffering from work-related musculoskeletal disorders (new or long-standing) in 2024/25

*Source: Estimates based on self-reports from the Labour Force Survey for people who worked in the last 12 months*

 **124**

Workers killed in work-related accidents in 2024/25

*Source: RIDDOR*

 **2,218**

Mesothelioma deaths in 2023, with a similar number of lung cancer deaths linked to past exposures to asbestos

*Source: Counts from death certificates and estimates from epidemiological information*

 **16.4 billion**

Annual costs of new cases of work-related ill health in 2023/24, excluding long latency illness such as cancer

*Source: Estimates based on HSE Cost Model*

 **6.5 billion**

Annual costs of workplace injury in 2023/24

*Source: Estimates based on HSE Cost Model*

 **22.9 billion**

Annual costs of workplace injury and new cases of work-related ill health in 2023/24, excluding long latency illness such as cancer

*Source: Estimates based on HSE Cost Model*



# Work-related ill health

## 1.9 million

Workers suffering from work-related ill health (new or long-standing) in 2024/25

## 730,000

Workers suffering from a new case of work-related ill health in 2024/25

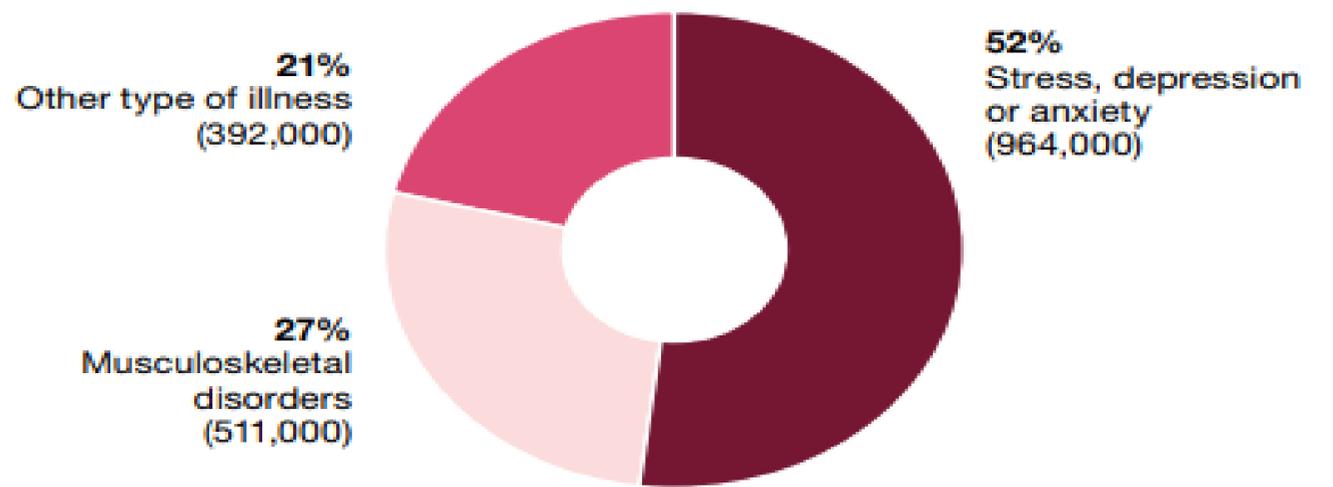
## 35.7 million

Working days lost due to work-related ill health in 2024/25

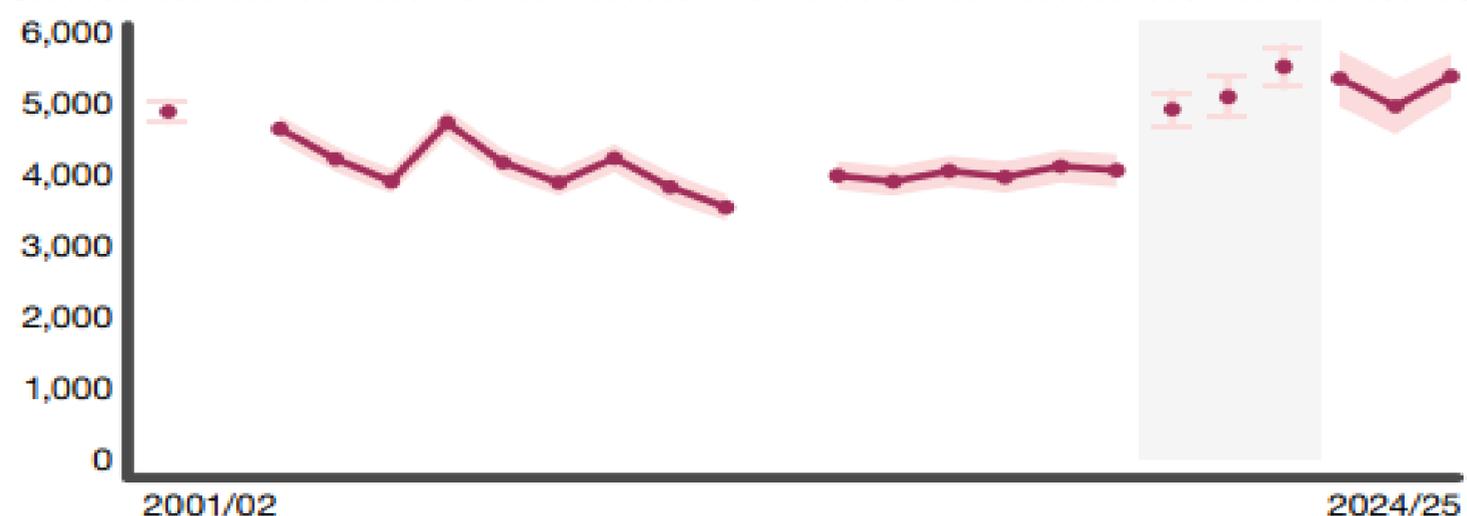
## 13,000

Deaths each year estimated to be linked to past exposure at work, primarily to chemicals or dust

New and long-standing cases of work-related ill health by type, 2024/25



Rate of work-related ill health per 100,000 workers: new and long-standing



The data for 2019/20 to 2021/22 includes the effects of the coronavirus pandemic, shown inside the grey shaded column.  
Shaded area and error bars represent a 95% confidence interval  
No ill health data was collected in 2002/03 or 2012/13

### Change over time

In the recent years prior to the coronavirus pandemic, the rate of **self-reported work-related ill health** had been broadly flat. The rates in each of the latest three years are higher than the 2018/19 pre-coronavirus level.

In recent years prior to the coronavirus pandemic, **working days lost per worker** due to self-reported work-related illness had been broadly flat. The current rate is higher than the 2018/19 pre-coronavirus level.

*Estimates of ill health based on self-reports from the Labour Force Survey (LFS) for people who worked in the last 12 months and deaths based on counts from death certificates and estimates from epidemiological information.*

To find out the story behind the key figures, visit [www.hse.gov.uk/statistics/causdis/index.htm](http://www.hse.gov.uk/statistics/causdis/index.htm)

# HSE strategy 2022 to 2032 - Protecting people and places

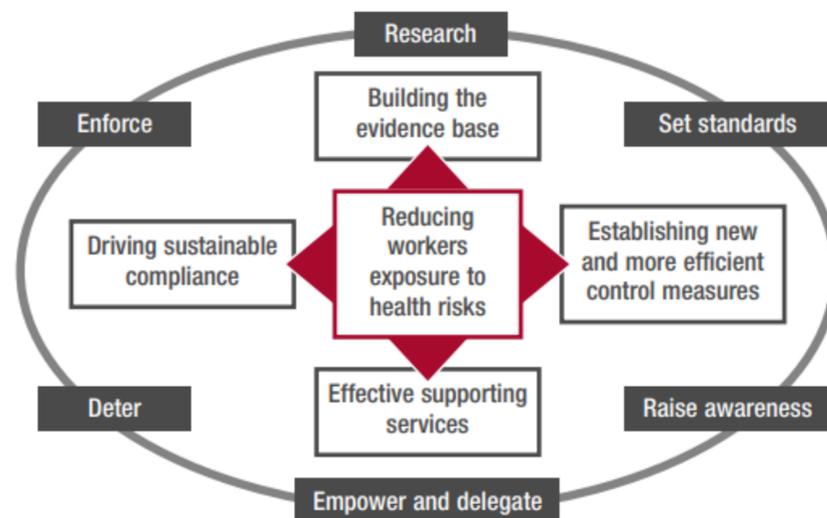
## Strategic “Key” Objectives -



**Reduce work-related ill health, with a specific focus on mental health and stress**

We will encourage employers and our partners to do more to prevent work-related ill health.

### HSE’s approach to reducing work-related ill health



## Current UK Initiatives –

**WORKING MINDS**

**MAKE IT ROUTINE**

REACH OUT → RECOGNISE → RESPOND → REFLECT

**WORK RIGHT**

AGRICULTURE

YOUR FARM - YOUR FUTURE

**ASBESTOS & YOU**

**WORK RIGHT FOR EVERYONE**

## CAMPAIGN ARCHIVE

**MSD Design Awards 2023**

STRESS

MUSCULOSKELETAL DISORDERS

WORK RELATED LUNG DISEASE AND FABRICATED METAL

**ASBESTOS**

**YOUR DUTY**

## Regulating Industrial Hygiene Offshore

**Offshore Installations (Safety Case) Regulations...** requires a safety case to demonstrate that the duty holder's management systems are adequate to ensure compliance with the relevant statutory provisions

Brought in following the Public Enquiry into the Piper Alpha disaster via the Cullen Report, **which focused on controlling Major Accident Hazards (MAHs)**

**So how does "Health" fit into this remit offshore?**

*A safety case which does not include occupational health elements in the descriptions of the safety management system is therefore unlikely to demonstrate that the management system is adequate.*

Health risk is an important part of the offshore permissioning regime, requires demonstration that their SMS complies with the statutory requirements of the regulations covering health risks.

## Safety cases - Permissioning

Occupational health is the creation of a state of physical, mental and social wellbeing of the workers in the working environment.

The aims should be to promote, protect and maintain...

Health & Hygiene is reviewed under 5 headings within a Safety Case:

- » OH1 – Specialist Advice
- » OH2 – Recognition, Evaluation & Control of hazards and risks to health
- » OH3 – Health care & First Aid
- » OH4 – Welfare & Accommodation
- » OH5 – Decommissioning & Dismantlement

Offshore Major Accident Regulator	Offshore Petroleum Regulator for Environment & Decommissioning	HSE
Safety Case Topic Assessment Guide:  Industrial Hygiene		
Case Title		
Duty Holder		
Topic Assessor		
COIN Reference		
CAP Reference		<a href="#">[Cap number]</a>

## HSE Investigations

We investigate reportable injuries, diseases, dangerous occurrences and concerns raised by workers, the public or others helps us improve H&S standards.

### How do we investigate?

- We gather and establish the facts
- identify immediate and underlying causes and lessons to be learned
- take actions to prevent recurrence
- identify any breaches of legislation
- consider appropriate enforcement
- An investigation may range from a single inspector to a team of inspectors

## **Offshore Inspections – Industrial Hygiene**

### **IH Inspection Plan 25/26 (Apr-Mar)**

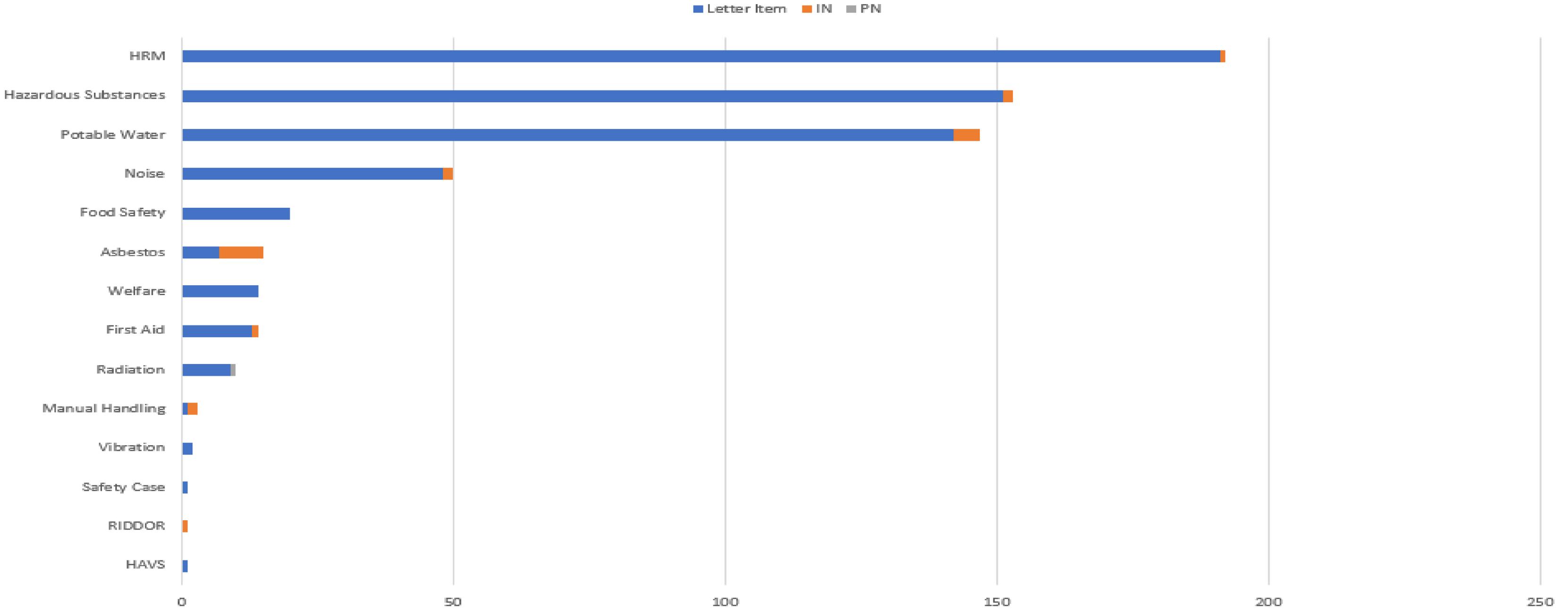
- **16 Offshore Interventions**
- **6 HQ Inspections**
- **8 HQ Asbestos DTM**

### **IH Topics**

- **Health risk management, Accommodation, COSHH, Food safety, Medical/First Aid, Noise & Vibration, Ionising Radiation, Water management**

# Inspection Enforcement from 2020

**PROTECTING PEOPLE  
AND PLACES FOR**



Number of IN's

**22**

Number of PN's

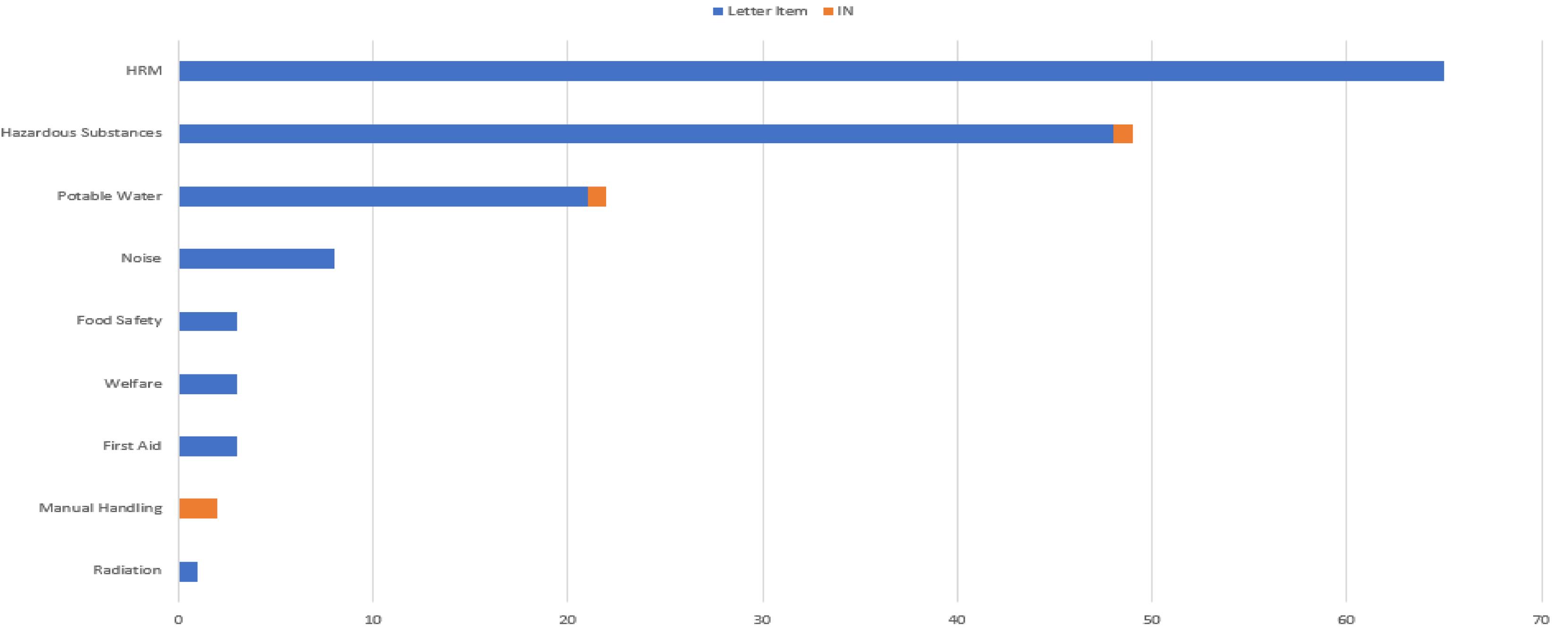
**1**

Number of Letter Items

**600**

# Inspection Enforcement 2023/24

**PROTECTING PEOPLE  
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Number of IN's	Number of PN's	Number of Letter Items
4	0	152

## Working with Industry...

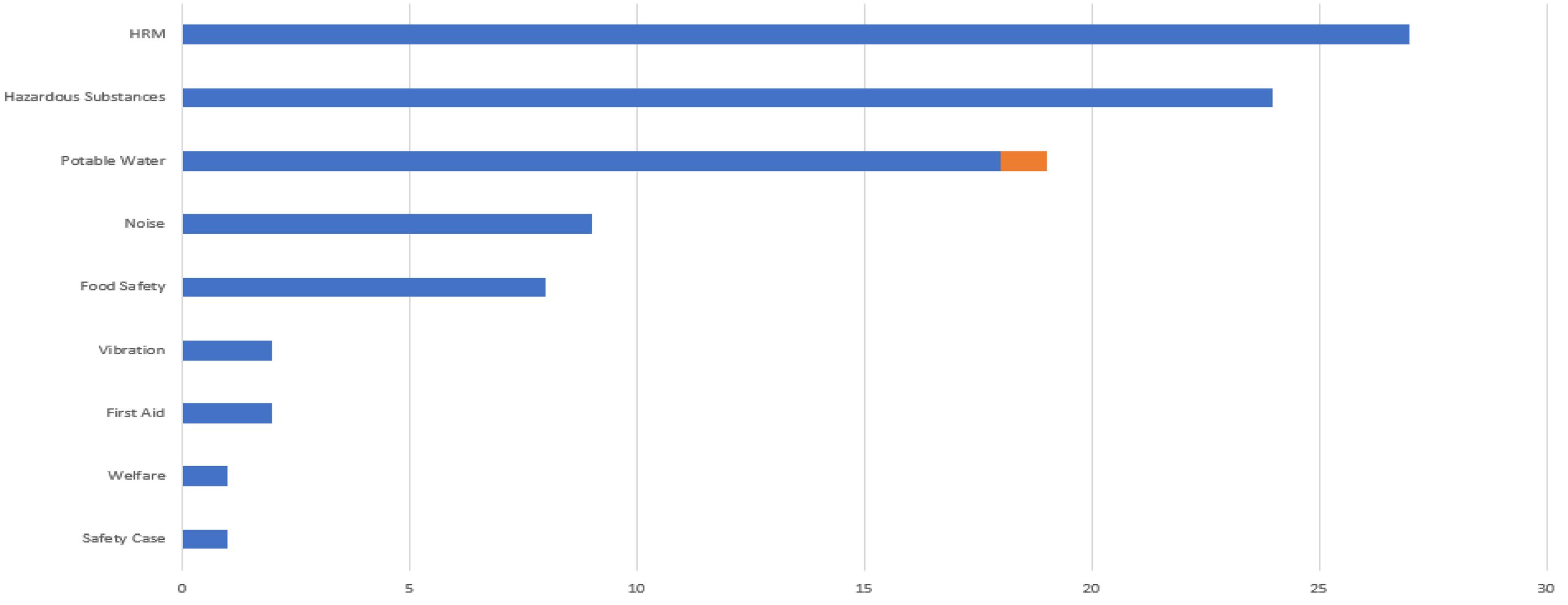
- **As this data was building-up we proactively communicated with the industry on specific findings**
- **Highlighting the areas requiring extra effort**
- **Actions taken to draft new inspection guides**
- **Update and improve topic assessment guides**
- **Share, communicate & consult with industry**
- **Keep raising awareness re Health & Hygiene offshore**

# Inspection Enforcement 2024/25

**PROTECTING PEOPLE  
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■ Letter Item ■ IN



Number of IN's

**1**

Number of PN's

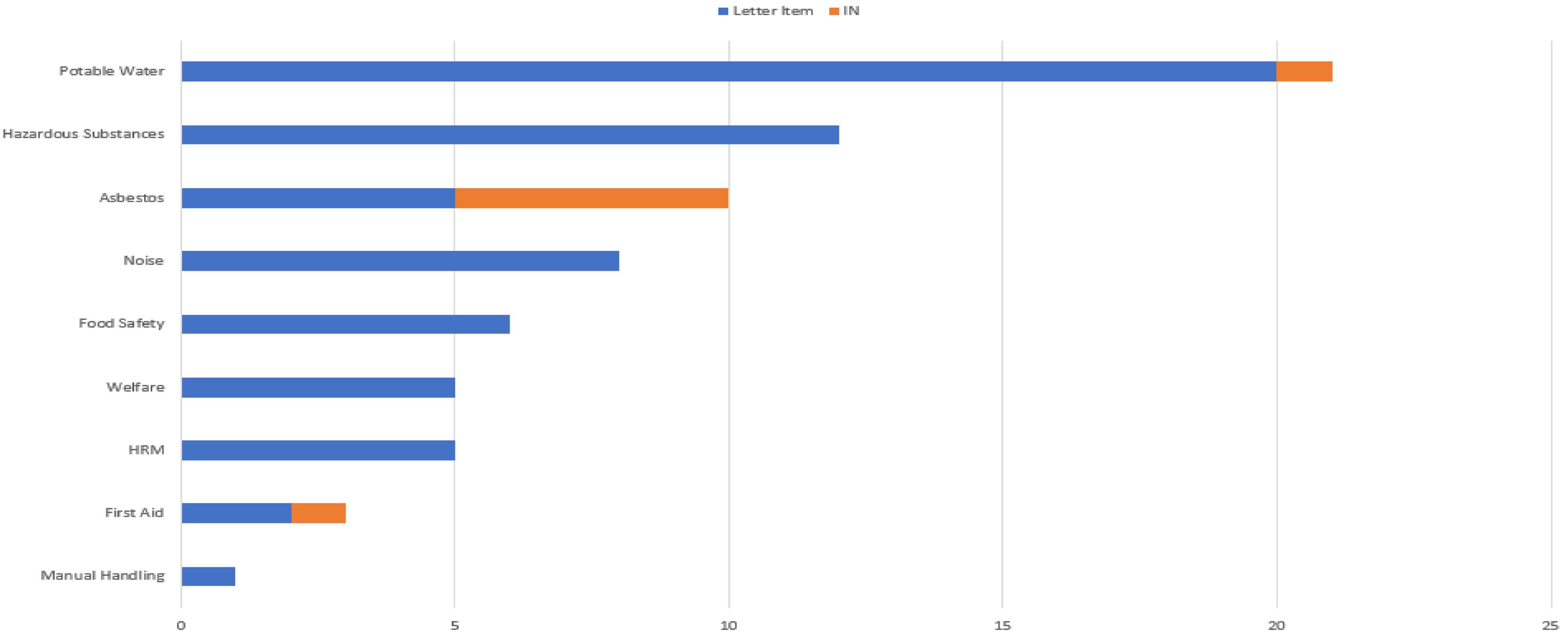
**0**

Number of Letter Items

**92**

# Inspection Enforcement 2025/26

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Number of IN's

**7**

Number of PN's

**0**

Number of Letter Items

**64**

# Asbestos DTM Campaign update



House of Commons  
Work and Pensions Committee

## The Health and Safety Executive's approach to asbestos management

Sixth Report of Session 2021–22

*Report, together with formal minutes relating to the report*

*Ordered by the House of Commons to be printed 30 March 2022*



- **Asbestos “Your Duty” campaign** was launched in 2024
- **Offshore DTM Stage 1** Campaign launched in 2024, using a high-level questionnaire, these results were triaged
- **Stage 2** - Request for specific documents, Asbestos - Procedure, Survey, AMP & Register, which undergo a review. Any ‘red flags’ are assessed for compliance
- This adds into the work we already undertake as a high priority, ASB5 notification reviews and inspection for offshore licensed asbestos work

**ASBESTOS  
YOUR DUTY**

## Asbestos DTM Campaign update

### Stage two - Phase 1 completed in 2025

- 12 duty holders have been inspected
- 8/12 DH have had some form of enforcement
- This includes 5 Improvement Notices and numerous letter items

### Main concerns

- Site specific AMP
- Asbestos Survey, re-survey ok, no copy of original
- Asbestos survey not fully aligned to UK Regs (HSG264)

**ASBESTOS**  
**YOUR DUTY**

## Asbestos DTM Campaign update

### Stage two - Phase 2 started late 2025

- 10 DHS have received letters requesting documents
- Asbestos - Procedure, Survey, **AMP** & Register
- Current inspections ongoing...

### Phase 3 is planned for mid year 2026

- Next 9 Duty holders

### Phase 4 late 2026

- Remaining DH for review

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## Offshore Topic Inspection Guides

- **Asbestos Topic Inspection Guide (TIG) published in 2024...**
- **Food Safety guide NOW available online!**
- **One further TIG in the pipeline:**
- **First Aid & Medical Provision...**
- [Inspection of offshore installations and operators - HSE](#)

**OFFSHORE MAJOR ACCIDENT REGULATOR**

 Offshore Petroleum Regulator  
for Environment & Decommissioning

  
**HSE**

### The Offshore Asbestos Management Inspection Guide

**Open Government Status**  
Fully Open

**Publication Date**  
June 2024

**Review Date**  
June 2027

**Review History**

Date	Changes

**Target Audience**  
*OMAR Inspectors / ED Offshore Inspectors / ED Specialist Inspectors*

**Contents**

- Summary (p.2)
- Introduction (p.2)
- Relevant Legislation (p.3 to 7)
- Action (p.7 to 10)
- Background (p.10 to 11)
- Other relevant Inspection Guides (p.11)
- Specialist Advice (p.11)
- Organisation (p.11 to 12)
  - Targeting
  - Timing
  - Resources

CMS: 2024/98847      Owner: ED5 Industrial Hygiene

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YOUR DUTY**



## North Sea Offshore Authorities Forum

- **GB, Netherlands, Germany, Denmark, Norway, Ireland & Canadian Offshore regulators.**
- Currently undertaking a NSOAF multi-National Audit on hazardous substances management, this will include a HQ management meeting and a visit to a specific installation.
- **Prior information request** - Hazardous substances policy & procedure, Roles & Responsibilities (competence), Health Risk Assessment Procedure, Chemical inventory, Health improvement plan & Exposure monitoring plan.
- **Head Quarter Kick off meeting** - duty holder to provide an overview presentation of how they manage hazardous substances offshore, to include a review of the information requested.
- **Offshore Audit/Inspection** - follow up for suitability of assessment, work approval (PTW), adequate control - LEV, PPE, RPE. Verification of exposure monitoring, health surveillance and audit trail.

