



101.1:

& CARPENTRY JOINERY.

Importance of Health & Safety in Construction.

This book is designed to support your carpentry and joinery studies across the 6219-06 Construction Skills Qualification.



Information
at a glance



Small
incremental
learning



Access to
further
resources



Test your
knowledge

James Rix



City &
Guilds



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Before you start.

Before You Start.

This book will help you learn the basics of health and safety in construction. It is written for entry-level learners and uses simple language, clear pictures, and short activities to help you understand each topic.

What This Book Will Help You Do.

- Understand what health and safety means.
- Learn why safety is important on a construction site.
- See how accidents and injuries can be reduced.
- Learn about the laws that help keep people safe.
- Know what employers and workers must do.

How to Use This Book.

- **Look at the pictures** – they help explain the ideas.
- **Read the short text** – it tells you the key points.
- **Try the small tasks** – they help you check your understanding.
- **Use the glossary** – it explains important words.

Learning Outcomes Overview.

Learning Outcomes Summary

This page shows you what you will learn in this unit. These are the skills and knowledge you should have by the end of the book.

What You Will Learn

By the end of this unit, you will be able to:

- Say **why health and safety is important** in construction.
- Say **what the HSE does** and how it helps keep people safe.
- Name the **main health and safety regulations**.
- Say **what employers must do** to keep workers safe.
- Say **what workers must do** to keep themselves and others safe.

How This Links to Your Assessment

These learning outcomes match the unit requirements for:

- **101.1.1** – Importance
- **101.1.2** – HSE Role
- **101.1.3** – Main regulations
- **101.1.4** – Responsibilities

You will show your learning through:

- Short written answers
- Simple activities
- Matching tasks
- Reading pictures and charts

What is health & safety?

Health and safety means rules and actions that stop people getting hurt. It helps everyone work safely on site.

UNSAFE SITE



SAFE SITE



Why do we need it?

We need health and safety to stop accidents. It protects workers, visitors, and the public.



What can happen without safety?

Construction has many dangers. Without safety, people can be badly hurt.



Falls



Cuts and Wounds



Electric Shock



Struck by Falling Objects

What the statistics show.

Below is a list of the statistics we are going to show, we will show both 2014/15 and 2024/25 figures so that you can compare them.

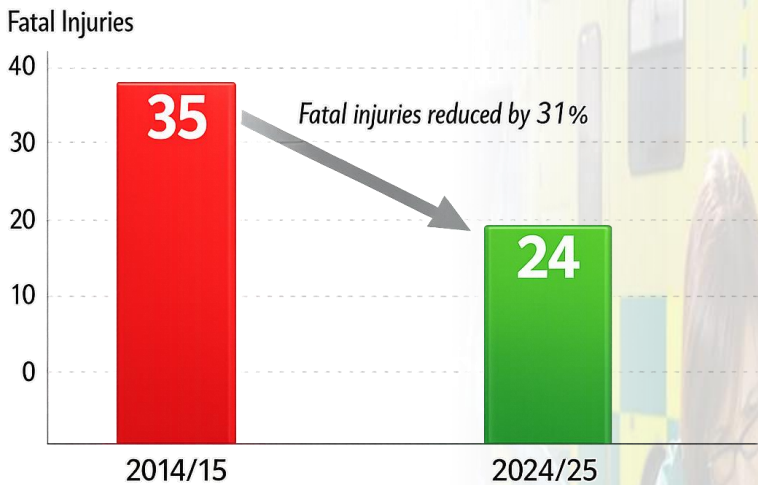
The main 3 categories:

- Fatal Injuries
- Non-Fatal Injuries
- Work Related Ill Health

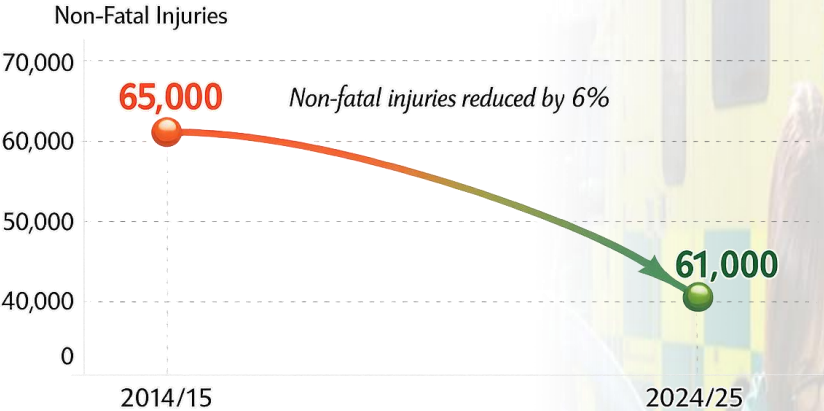
Other Figures:

- Falls from Height
- New case of Ill Health
- Musculoskeletal Disorders
- Lost working Days
- Enforcement notices
- Prosecutions

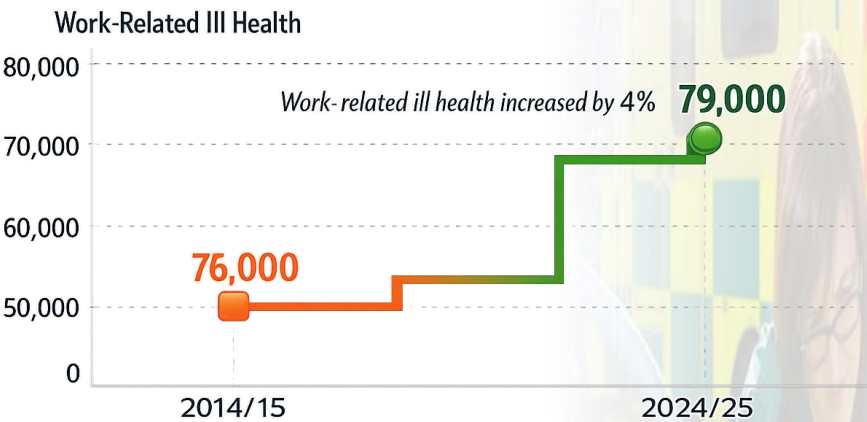
Fatal Injuries



Non-Fatal Injuries



Work Related Ill Health.

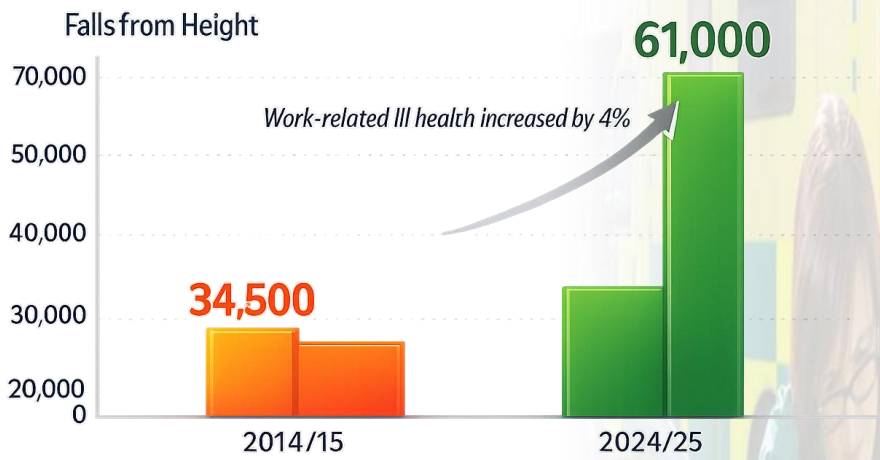


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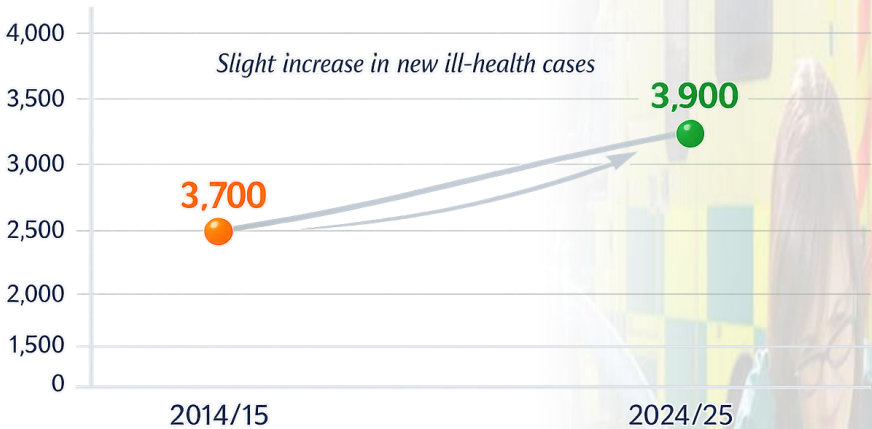


79,000

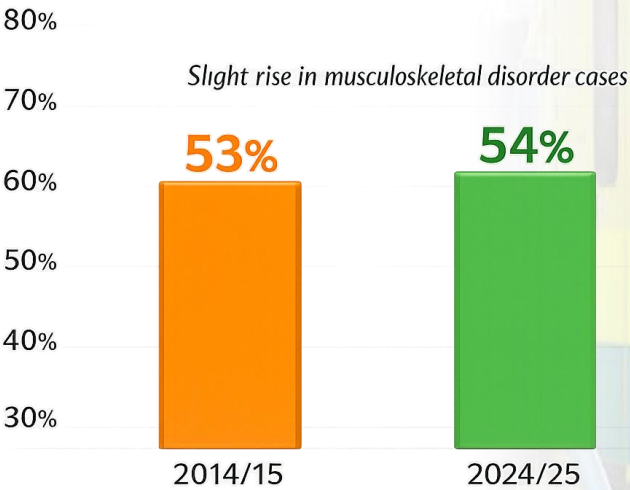
Falls from Height.



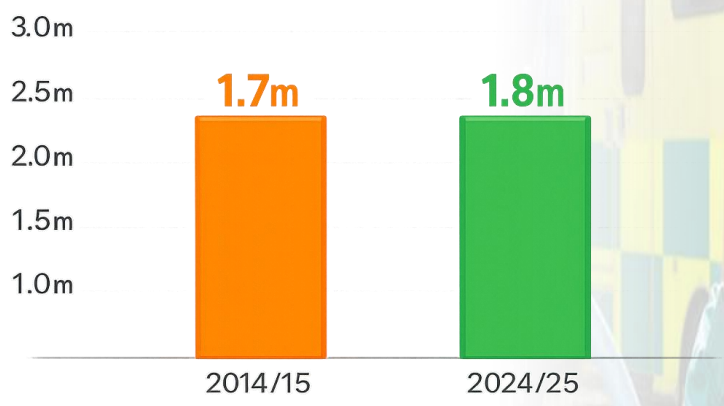
New Case of Ill Health.



Musculoskeletal Disorder.



Lost Working Days.

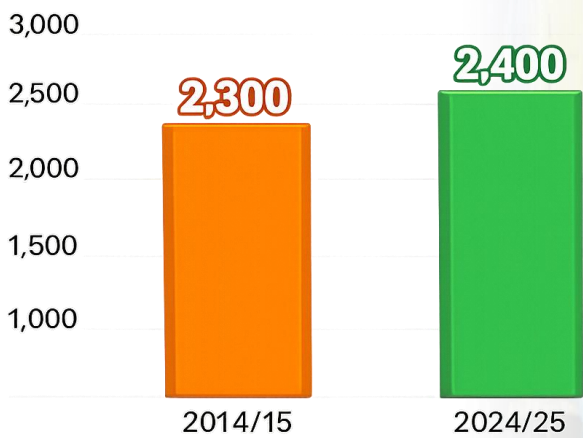


 **1.7m**



 **1.8m**

Enforcement Notices.

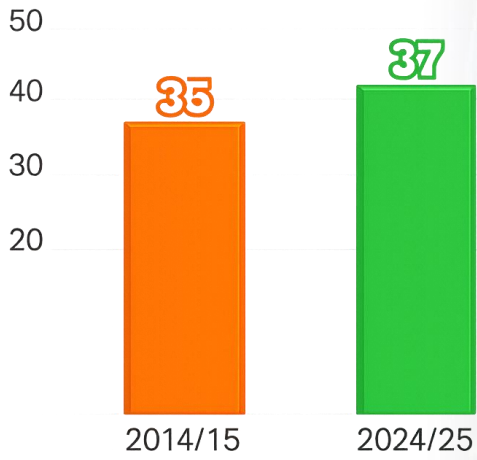


 **2,300**



 **2,400**

Prosecutions.



What health and safety helps prevent.

Good health and safety helps to:

- Reduce accidents
- Reduce loss of life
- Lower insurance costs
- Stop work being delayed

**Good Health and
Safety Helps to:**



Reduce Accidents

Reduce Loss of Life

Lower Insurance Costs

Stop Work Delays



Q1: What are the 3 key statistic categories pointed out in the HSE Publication ‘Construction Statistics in Great Britain 2024/25.pdf’ report?

Q2: According to the HSE publication ‘Construction Statistics in Great Britain 2024/25.pdf’ , how many people suffered from work related ill health?

Q3: According to the HSE publication ‘Construction Statistics in Great Britain 2024/25.pdf’, how many non-fatal injuries occurred?

Q4. According to the HSE publication ‘Construction Statistics in Great Britain 2024/25.pdf’, how many fatalities were there?

Q5. What is health and safety trying to achieve?

Glossary of Terms.

Accident

An unplanned event that causes injury, damage, or loss.

Hazard

Anything with the potential to cause harm (e.g., electricity, working at height, sharp tools).

Risk

The chance that a hazard will actually cause harm.

Risk Assessment

A process used to identify hazards, decide who may be harmed, and put controls in place.

Control Measure

An action or piece of equipment used to reduce risk (e.g., PPE, barriers, training).

PPE (Personal Protective Equipment)

Safety equipment worn to protect workers, such as helmets, gloves, goggles, and boots.

HSE (Health and Safety Executive)

The UK organisation that enforces health and safety law and investigates accidents.

COSHH (Control of Substances Hazardous to Health)

Regulations that protect workers from harmful chemicals, dusts, fumes, and substances.

Manual Handling

Lifting, carrying, pushing, or pulling loads by hand or bodily force.

Near Miss

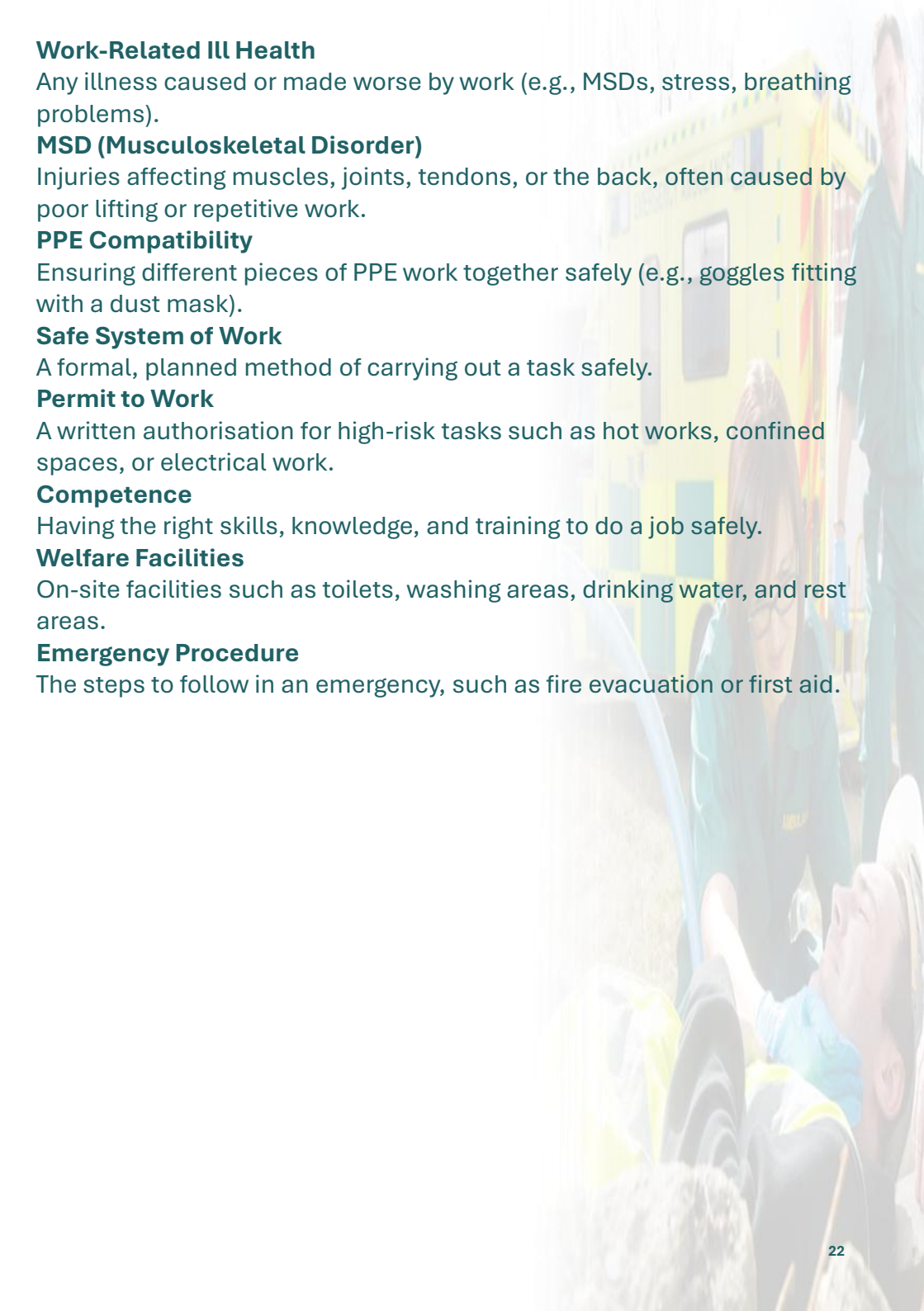
An incident where no one was hurt, but harm *could* have happened.

Enforcement Notice

A legal notice issued by the HSE requiring unsafe work to stop or be improved.

Prosecution

Legal action taken against a company or individual for breaking health and safety law.



Work-Related Ill Health

Any illness caused or made worse by work (e.g., MSDs, stress, breathing problems).

MSD (Musculoskeletal Disorder)

Injuries affecting muscles, joints, tendons, or the back, often caused by poor lifting or repetitive work.

PPE Compatibility

Ensuring different pieces of PPE work together safely (e.g., goggles fitting with a dust mask).

Safe System of Work

A formal, planned method of carrying out a task safely.

Permit to Work

A written authorisation for high-risk tasks such as hot works, confined spaces, or electrical work.

Competence

Having the right skills, knowledge, and training to do a job safely.

Welfare Facilities

On-site facilities such as toilets, washing areas, drinking water, and rest areas.

Emergency Procedure

The steps to follow in an emergency, such as fire evacuation or first aid.

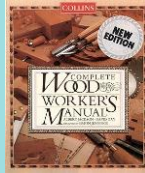
Resources.

101.1.



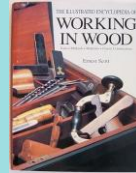
<https://www.hse.gov.uk/construction/new-health-safety.html>

<https://www.hse.gov.uk/construction/resources/index.html>



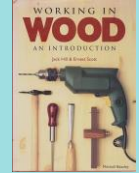
Collins Complete Woodworkers Manual.

ISBN-10:
9780004140056
ISBN-13: 978-0004140056



The Illustrated Encyclopedia of Working in Wood.

ISBN-10:
051712078X
ISBN-13: 978-0517120781



Working in Wood, An Introduction

ISBN-10:
1857325648
ISBN-13: 978-1857325645



<https://www.youtube.com/watch?v=QbK8p1tKxYI>

<https://www.youtube.com/watch?v=3vZzvKzT2A>

<https://www.youtube.com/watch?v=5zjzvKzKzA>



https://www.combepaffordschool.co.uk/_site/data/files/curriculum/work-related-learning/construction/learning-organisers/2024/DC67115973FDAA2AA324548070B4765C.pdf?utm_source=com-pilot.com

<https://qualifications.pearson.com/content/dam/pdf/BTEC-Specialist-Qualifications/Health-and-Safety-in-a-Construction-Environment/Specification-Issue-2.pdf>



<https://www.hse.gov.uk/construction/resources/law.docx>

<https://www.hse.gov.uk/construction/resources/toolboxtalks.docx>

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Other Books in the series.



This series of books accompanies the learning materials developed for the unit 101: Introduction to Health and Safety in Construction. They include:

- 101.1.1: The Importance of Health and Safety in Construction
- 101.1.2: The role of the Health and Safety Executive (HSE)
- 101.1.3: Main Regulations
- 101.1.4: Roles and Responsibilities
- 101.2.1: Common Causes of Accidents in Construction
- 101.2.2: Risk
- 101.2.3: Hazard
- 101.2.4: Risk Assessments
- 101.3.1: Safety Sign Categories
- 101.3.2: Safety Signs
- 101.3.3: COSHH Safety Signs
- 101.4.1: Personal Protective Equipment (PPE)



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