



Construction Industry Training Board



HEALTH AND SAFETY ADVICE FOR BRICKLAYERS



Where there are unsafe acts illustrated in the photographs - the scenarios were re-created for illustration purposes and no one was put at risk at any time.

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INTRODUCTION

This booklet is part of a range that have been produced by CITB to provide advice and guidance on Health and Safety issues relating to trade persons working in the construction industry such as bricklayers, plasterers, painters and joiners, with the aim of helping to eliminate and reduce the risk of, accidents, injury and ill-health.

The booklets are in an easy to use pocket-size format and will be a good reference point to both existing and new entrant trade persons working in the industry and will also provide advice to supervisors, managers and directors to help improve health and safety performance on site.

Some health and safety risks you may face on site include:

- Dermatitis
- Falls from Height
- Asbestos dust
- Manual Handling
- Hand and foot injury
- Cuts and abrasions
- Struck by machinery
- Struck by falling objects
- Slips trips and falls due to untidy work area
- Flammable or combustible materials
- Exposure to noise
- Using various types of power and hand tools
- Working in confined spaces
- Exposure to electricity
- Vibration white finger
- Risk of eye injury from flying particles, and dust
- Sun exposure

Working in the construction industry is both rewarding and satisfying but as the list shows you could be exposed to various risks if the correct safe methods of work as described in this booklet are not followed.

Think about the various Health & Safety risks that could be found on your site, speak to your supervisor or person/s in charge about ways of eliminating or reducing those risks and stay safe and healthy.

BRICKLAYER

Your trade has been around since biblical times and provides a valuable service to your industry. In order to sustain this valuable service you need to look after yourself and the industry needs to look after you; it also needs you to look after others including those new to the industry such as apprentices and persons from other countries.

As stated, your job is valuable and if you were asked to describe your job role to someone it would probably include the following wide range of activities.

- Working by hand or with hand and power tools.
- Reading and interpreting drawings.
- Measuring accurately from an established starting point, and using plumb lines and a mason's level as required.
- Knowing the properties of various mortars and other bonding materials.
- Spreading mortar and laying bricks in position and removing any excess mortar .
- Using hammers or chisels or masonry saws to cut and fit bricks .
- Lining or relining furnaces, kilns, boilers and similar installations using refractory or acid-resistant bricks, concretes, or other material.
- Working well independently or with co-workers under deadline to get the job done.
 - Experimenting with various materials and methods to solve construction problems.
 - Preparing cost estimates and documentation for clients.
 - Conforming to building codes and other regulations,
 - Supervising apprentices or other workers.



HEALTH AND SAFETY LAW & TRAINING

Your health, safety and welfare at work are protected by law, your employer has a duty to protect you and keep you informed about health and safety and provide adequate information, instruction, supervision and training to enable you to carry out your work in a safe manner.

You also have legal duties too as follows:

- Take reasonable care for your own health and safety and of others who may be affected by your work such as other workers or members of the public.
- Comply with instructions or control measures such as the wearing of personal protective equipment.
- Co-operate with your employer on health and safety and training requirements.
- Correctly use and report any defects on work equipment provided by your employer, this could be machinery, tools or personal protective equipment.
- Do not interfere with or misuse anything provided for your health, safety or welfare.

Self-employed persons also have duties under the law in relation to their own Health and Safety and ensuring that their work does not put others at risk.

If you think there is a health and safety problem on your site you should first discuss it with your supervisor, H&S adviser or person in charge.



The Construction (Design and Management) Regulations (Northern Ireland) CDM

The updated CDM regulations place a responsibility on you and emphasises the importance of competence at all levels in securing health and safety benefits, it states that every person shall report any defect which he/she is aware of, which may endanger the health and safety of himself/herself or another person.

Health and Safety on Site

A number of initiatives have been launched to promote and improve good practice by reducing accidents and ill health. These initiatives are supported by Northern Ireland construction companies, Health and Safety Executive for Northern Ireland (HSENI) employers and training bodies.

BuildHealth launched in 2006 to improve the health of construction workers in Northern Ireland by: preventing work related ill health: supporting and rehabilitating ill workers and using the workplace as a setting in which to improve health.

BUILDSAFE-NI launched in 2004 to focus on substantially reducing accidents and eliminating death in the industry. One of the targets is to reduce the number of major injury accidents to construction workers by 50% by 2008.

You have a part to play in this process by working safely, staying healthy, preventing injury to yourself and others and not being complacent.

Always inspect equipment that you have been given and report any defects, if you see any defects in scaffolding, ladders and mobile towers that could cause serious injury or death, report immediately. Only repair if authorised to do so by your employer or person in charge, and only if you are trained and competent.

If an accident should happen it must be reported to your supervisor, manager or a responsible person and a record

should be kept, most employers have a no-blame-culture, and encourage reporting of any problems that you see that could prevent an accident from happening in the first place or its reoccurrence.

Information gained from reported accidents can be used to improve health and safety on site.

Remember accidents are preventable, by following safe systems of work you can help to improve the standards of Health and Safety on your site.

Health and Safety Training

CITB encourages the adequate training of all those working in the Northern Ireland construction industry to enroll with appropriate Industry Registration Schemes, which are designed to meet the needs of both clients and contractors to improve the training standards of the industry. When employees are registered with the appropriate registration scheme, clients are advised that the workforce on their sites have received safety training and, where appropriate, have a stated level of occupational competence.

Having a recognised registration card is a good starting point in showing proof of health and safety training but more specific training will be required depending on work activity such as:

- Induction training
- Tool box talks
- Working at heights
- Health and Hygiene preventing dermatitis
- Lifting and handling manual loads
- Using plant and equipment like MEWP's or Forklift Trucks
- Using scaffolding and mobile towers
- Using hand tools
- Abrasive wheels and cartridge tools

- Refresher training
- Conversion training
- Familiarisation training

This is not an exhaustive list and other training requirements may be necessary as and when required.

Adequate training can help prevent accidents and ill-health and make for a more motivated and productive workforce. Ensure that you have received adequate training required to do your job safely and efficiently.

All construction personnel should adopt the principles and practices stated in this document, where reasonably practicable. This booklet is intended as a good practice health & safety guide and should be supported by relevant training and the HSENI publications

Welfare Facilities - Health and Hygiene

Your employer or the person in control of any site has a legal obligation to ensure that sufficient welfare facilities are provided. These include washing, toilet and rest facilities.

There is also a requirement for facilities to be made available for the storage of clothes that are not worn during working hours, the storage of clothes that are not taken home and for changing clothes when specialist clothing is required to be worn at the work place.

Washing facilities on site should include hot and cold water, soap and basins large enough to wash forearms.

Do not abuse these facilities ensure you keep them clean and tidy, and report any vandalism.

If you are working with hazardous substances such as asbestos or lead, specialist welfare facilities must be provided.

HAND HYGIENE

Hand hygiene is essential. The hands are the most likely part of the body to come into contact with harmful substances. Failure to take basic precautions can lead to skin complaints.

Dirty hands should be cleaned using proper supplied skin cleansing products. **Do not** clean hands with white spirit, thinners, petrol, turpentine etc.

Always ensure that you wash your hands after a visit to the toilet.

Always ensure that your hands are clean before handling food.

Anyone who prepares food for others must have been trained in food hygiene procedures.

Failure to observe basic hygiene precautions could lead to food poisoning, which at worst can be fatal.



HAZARDOUS SUBSTANCES

Dermatitis

Direct skin contact with mortar could cause contact dermatitis and burns; your employer needs to explain precautions required and the danger of exposure.

It has been stated that a significant percentage of bricklayers leave the industry due to severe dermatitis.

Direct skin contact should be avoided, the correct CE marked PVC gloves must be used when handling mortar.

Suitable gloves should be worn when handling potentially hazardous materials.

Training on how to treat exposure should be given by your employer, you must tell your supervisor if you see early signs of dermatitis.

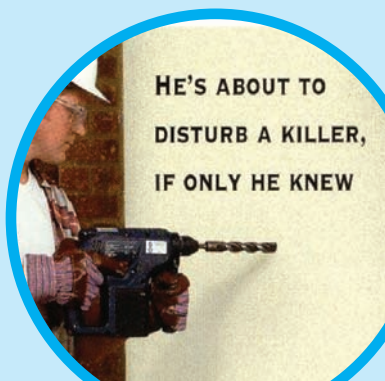


Asbestos

Breathing asbestos dust can cause serious damage to the lungs and cause cancer. There is no known cure for asbestos related diseases.

Many buildings built or refurbished before the mid 1980's contain asbestos. Materials containing asbestos should be indemnified before work commences to prevent inadvertent exposure to asbestos. Asbestos insulation board, asbestos coatings and asbestos insulation should only be removed by a licensed contractor.

If you suspect you have been exposed to asbestos or you have identified it on site, tell your supervisor or person in charge immediately.





WORKING AT HEIGHTS

Serious or even fatal injury could occur if you fall from height.

Remember scaffolding should be inspected after substantial alteration or repair, after any event likely to affect stability like strong winds and at regular intervals not exceeding seven days.

Any faults found must be put right, scaffolding should be tagged to warn others if faults have been found.

Your employer should ensure that any scaffolding, which you are using, is safe.

- Ensure scaffolding requirements, including appropriate load rating and provision of loading bays with your employer or supervisor.
- Scaffolding could collapse and a crush may incur, or worse, if the scaffolding collapses on top of you.
- Check with the site manager that the correct scaffold is provided and inspected, ask for evidence that the scaffold has been erected by a competent person and inspected.
- No one should interfere with or misuse scaffold, only competent persons can erect and inspect scaffolding.
- If you think that a scaffold has been interfered with or could be unsafe, report this to your supervisor or any other person in charge immediately.
- Do not make any unauthorised adjustments to any scaffold, never remove ties or handrails.
- Safe stands with handrails to be used for work on internal walls, don't be fooled into using unsafe platforms.
- If a harness is required then make sure you wear it correctly, use a suitable lanyard and inspect before and during use, you must be trained in the safe use of harnesses.
- Ensure any safety equipment provided to prevent injury from falls is in place and secure.
- If using Mobile Elevated Work Platform's (MEWP's) you must be trained in the safe use of these machines.

ALLOY TOWER SCAFFOLDS

Alloy Tower scaffolds are used widely in the construction industry and a number of accidents happen each year mainly due to the tower not being properly erected or used. An aluminium tower can easily overturn as they are light and manoeuvrable.

Before Use

Do not erect or inspect an alloy tower unless you are trained and competent to do so.

Make sure the tower is resting on firm level ground with the wheels or feet properly supported.

Do not use crushable material such as bricks or building blocks to take the weight of any part of the tower.

As a guide, if towers are to be used in exposed conditions or outside, the height of the working platform should be no more than three times the minimum base dimension.

Remember the following as a guide.

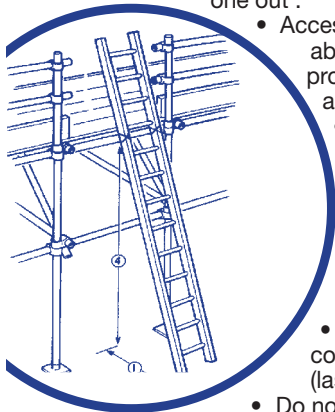
- Do not sheet as this could act like a sail and overturn the tower.
- Ensure the tower is on firm level ground.
- Do not load with heavy equipment or materials.
- Do not use to hoist heavy materials or support rubbish chute.
- Always use ladder for access, do not climb on the tower.
- Always climb from the inside of the tower.
- Use a brick guard where necessary.



- Tower should not be moved with anyone remaining in the structure.
- Close platform access door to prevent falling through.
- Watch out for overhead power lines before moving.
- Do not use vehicles to push or pull the tower.
- Ensure brakes are applied.
- If fitted, check that outriggers are set correctly and secured.

Ladders

- The ladder should be angled to minimise the risk of slipping outwards and as a rule of thumb needs to be 'four up to one out'.



- Access ladders should extend about 1m above the working platform. This provides a handhold for people getting on and off.
- Ensure that ladders are tied on both stiles to prevent slipping.
- Ladders should be in good condition and examined regularly to make sure they are free from defects.
- Ladders should not be painted as this can hide defects.
- Ladders used must be in good condition, adequately secured (lashed) and placed on firm surface.
- Do not overreach; if you are working from a ladder, make sure it is long enough and positioned to reach the work safely.
- Do not climb or work off a ladder unless you can maintain 3 points of contact.
- Minimise openings in scaffolds that have been created for ladder access.

Ladders should be correctly angled; four up to one out.

Stepladders

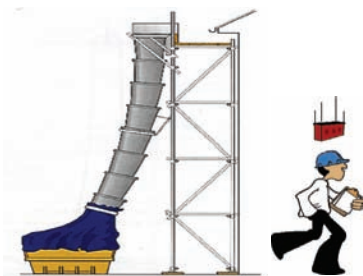
- Do not use the top platform of a stepladder unless it is designed with special handholds.
- Ensure stepladders are positioned on level ground and used in accordance with the manufacturer's instructions.

Falling objects

Can cause injury to your head, body and feet, and to someone working in the area below you, or members of the public passing close to the site. Make sure no debris falls from height, place objects in a safe place and use a suitable chute for materials going into a skip.

Make sure all necessary precautions are taken as follows:

- Brick guards kept in position on scaffold lifts.
- Waste materials removed from scaffolding and placed in skip.
- Protective foot wear (with steel toe caps & mid-soles) supplied and worn at all times.
- Safety helmets to be worn and chin strap used when required.
- Encourage other workers to wear safety hats and protective footwear.



SLIPS TRIPS & FALLS

You or others could suffer sprains or fractures if you trip over waste including brick bands and pallet debris. Slips at height could result in a serious fall.

- Make sure your work area is clean and as even a surface as possible.
- Wear suitable approved footwear with non slip soles.
- Clear up after yourself at intervals, and at the end of the day.
- Waste including brick bands and pallet debris should be disposed of in skip.
- Clear up spillages that you see, don't walk past, clean it up.
- Safely store cables to help prevent tripping.
- Ensure you have adequate lighting.
- Report any defects that you see to equipment or work surfaces.
- Keep an eye out for visitors to your work area.
- Access and egress steps to plant and equipment should be kept clean and any damage reported.
- Safe route to workplace agreed and maintained at all times.
- Encourage other workers to wear safety footwear whenever on site.



Tripping hazards like these are common on site – report them to your supervisor immediately

Stepping on nails and sharp objects

To help prevent foot injuries the following should be implemented

- Safety boots with steel toe caps and mid soles should be provided to all those working on site.
- Waste disposed of in skips.
- Nails clinched or removed from waste or stored timber.
- Explain to others the need to wear safety boots and dispose of waste in skips.



Struck or crushed by moving vehicles on site

You could suffer serious or even fatal injuries from vehicles and machines on site – particularly when they are reversing.

- Make sure that you only walk to your work area on a safe agreed route.
- Report to your supervisor if this route becomes blocked.
- Wear your Hi Visibility vests at all times.
- Never use your mobile phone on or near a route provided for vehicles or plant as you could be struck or run over.



Never approach a machine operator from behind his/her vehicle as you could be crushed.



Never except a lift on an item of plant unless a proper passenger seat has been fitted by the machine manufacture for this purpose

SAFETY IN EXCAVATIONS

Every year, people are killed or seriously injured when working in excavations. Excavation work has to be properly planned, managed, supervised and carried out to prevent accidents. This guide provides advice for those involved in excavation work.

Think before you enter an excavation.

- Are the sides protected from collapse, or have they been battered back? Do not go into unsupported trenches.
- Remember that even work in shallow trenches can be dangerous. You may have to bend down or kneel in the trench.
- Could materials fall into the excavation or on top of you?
- Could people and/or vehicles fall into the excavation?
- Will you be a safe distance from excavators or other machinery?
- Have the walls been undermined, could they collapse?
- How are you going to get in and out safely, has a ladder been provided and secured? Do not climb over the sides of the excavation.
- Ask about underground services, has a risk assessment been done?
- Exhaust fumes from machinery can settle in excavations as the fumes are heavier than air, you could be overcome by fumes and collapse.
 - Do not site petrol or diesel-engined equipment such as generators or compressors in, or near the edge of, an excavation unless fumes can be ducted away or the area can be ventilated.



- Weil's disease from rat's urine can cause health problems and in extreme cases death, always use the correct type of gloves to protect your hands including wet suits and boots.
- Always wear a hard hat just in case.
- Remember an excavation can be classed as working at height as you could fall into the trench.

Ask if the excavation has been inspected, look for evidence that a competent person has inspected the excavation:

- At the start of each shift before work begins.
- After any event likely to have affected the strength or stability of the excavation.
- After any accidental fall of rock, earth or other material.

Remember that a cubic metre of soil weighs over a tonne; A person buried under this amount in a trench would quickly suffocate & die.

Safety in Confined spaces

Confined spaces include: -

- shafts
- ceiling voids
- tunnels
- boilers
- sewers
- deep excavations
- box girders
- manholes
- cellars and basements

Confined spaces can be a high risk activity and cause death and serious injury if proper control methods are not followed.

Entry into a confined space to carry out work that could be done on the outside should never be allowed.

You should never enter a confined space unless it is absolutely necessary to do so and never unless you have received adequate training.

Never enter a confined space unless a risk assessment has been carried out, emergency procedures are in place and a permit to work has been issued.

If no provision has been put in place to rescue you should anything go wrong, do not enter.

Those that could be killed include not only people working in confined spaces but those who try to rescue them without proper training and equipment.

Dangers can arise in confined spaces because of a lack of oxygen. This can occur due to a build up of gases in the space.

As with excavations, do not site petrol or diesel-engined equipment such as generators or compressors in, or near the edge of, a confined space unless fumes can be ducted away or the area can be ventilated.

Confined spaces should only be entered if a permit to work or enter has been issued, ask questions if in doubt, ask about the emergency procedures, has the equipment been inspected have all persons been trained, was the training adequate and provided by a competent person.

Remember an excavation can also be a confined space.



Preparing for a safe confined space entry

DUST & FLYING PARTICLES

Cutting bricks can cause brick fragments and dust to enter the eyes and other parts of the body.

The cutting action generates high levels of dust, which often contains high crystalline silica content. Breathing in this dust can lead to the development of respiratory ill health, in particular scarring of the lung tissue (silicosis) which can result in serious breathing difficulties, depending on the extent of exposure.

Make sure you have been trained in abrasive wheels prior to using this equipment

Goggles should be worn at all times to prevent dust particles entering the eyes. Angle grinders should be replaced by a block splitter, this would remove the risk of significant dust exposure.

Proper dust extraction equipment should be used, hire companies can provide details on the latest equipment such as wet systems or methods available to prevent dust exposure.

Dust masks should be worn when required, all persons using equipment must be trained in the safe use of that equipment to ensure safety and efficiency.



NOISE

Noise generated from use of equipment e.g. angle grinder and concrete saw.

Workers using grinders or working near others doing so may suffer hearing loss.

- Angle grinders should be replaced with block splitters, removing high noise levels from the work.
- Other trades using grinders etc should not be working close enough to cause problems.
- Supervisor to monitor and talk to site manager if noisy work does start close by.
- Noise assessment to be implemented if noise is a problem
- Hearing protection should be worn and maintained.



MANUAL HANDLING

Make sure you have been trained correctly as you could suffer from back injury and long-term pain if you regularly lift or carry loads.

- Bricks, mortar etc to be transported and lifted to scaffold using lifting equipment such as a telescopic handler etc.
- Provision of lifting/loading bay agreed.
- Bricks / blocks to be covered with tarpaulin when stored on site to prevent taking up water.
- Spot boards to be raised with blocks to easy working height.
- Trolley to be used for moving loads of bricks around the scaffold.
- Check for any blocks or lintels over 20kg and make lifting arrangements.

- Concrete lintels could be well over 20kg, should be positioned using suitable lifting equipment by trained persons.
- Avoid awkward postures or repetitive tasks, take frequent breaks.
- Learn safe lifting techniques.
- Keep work areas clear of clutter and equipment.
- Use and maintain PPE correctly.
- There is a risk of pain or injury from working in awkward positions, performing repetitive tasks, or lifting.

Apply the following to help prevent injury

- Avoid lifting manually where possible; use a lifting aid or device where practical to do so.
- Bend your knees; use the strong leg muscles instead of your back.
- One foot slightly in front of the other use a good stance for stability.
- Keep the load close to your body.
- Check the load for stability and look out for sharp edges
- Assess the weight of the load and if satisfied lift smoothly don't jerk.
- Don't twist your body, use your feet to change direction.
- Look out for tripping hazards prior to lifting or carrying a load, plan your route.
- If in doubt don't lift get help or speak to your supervisor.



**Don't lift this way –
you are risking permanent injury**



**Use mechanical lifting aids
whenever possible**

POWER AND HAND TOOLS

All hand tools and equipment should be visually checked for faults before use, if using electrical powered equipment a Residual Current Device (RCD) connection should be used or equipment should be 110 volt or battery operated



Don't use a chisel like this as particles can fly off and enter the eyes or other parts of the body, ensure the mushroomed head is ground off safely, using eye protection and grinding in a safe area.

Ensure tools are used correctly and as intended by the manufacture, don't get involved in horseplay.

Do not use power tools unless you have been trained and authorised to do so.

Ensure you report any defects and that all equipment is inspected before and after use.

Your employer should ensure that a maintenance record is available and kept up-to-date, power tools should be pat tested.

HAND-ARM VIBRATION SYNDROME (HAV)

What is Hand-Arm Vibration?

Hand-arm vibration is vibration transmitted onto your hands and arms when you use hand-held powered work equipment such as concrete saws

Prolonged vibration is known to affect blood vessels, nerves, muscles, tendons and other body parts.



The main complaint arising from continued vibration from hand tools is Vibration White Finger (VWF), in which surface blood vessels become damaged, resulting in circulatory problems, pain and in the worse cases gangrene

When Are You at Risk?

You are at risk if you regularly use hand-held or hand guided power tools and machines such as:

- Concrete breakers, concrete pokers.
- Sanders, grinders, disc cutters.
- Hammer drills.
- Chipping hammers.
- Chainsaws, brush cutters, hedge trimmers, powered mowers.
- Scabblers or needle guns.

You are also at risk if you hold work pieces which vibrate while being processed by powered machinery such as pedestal grinders.

How You Can Help Reduce the Risks

It is your employer's responsibility to protect your welfare, but you should help by asking your employer if your job could be done in a different way, without using vibrating tools and machines. If this cannot happen:

- Ask to use suitable low-vibration tools.
- Always use the right tool for each job (to do the job more quickly and expose you to less hand-arm vibration).
- Check tools before using them to make sure they have been properly maintained and repaired to avoid increased vibration caused by faults or general wear.
- Make sure cutting tools are kept sharp so that they remain efficient.
- Reduce the amount of time you use a tool in one go by doing other jobs in between.
- Avoid gripping or forcing a tool or work piece more than you have to.
- Store tools so that they do not have very cold handles when next used.

Encourage good blood circulation by:

- Keeping warm and dry (when necessary, wear gloves, a hat, waterproofs and use heating pads if available).
- Giving up or cutting down on smoking because smoking reduces blood flow.
- Massaging and exercising your fingers during work breaks.

ELECTRICITY

Electric shock is a major hazard on a building site, a 240 volt supply is often enough to kill a person, which is why 110 volt supplies are used. If 110 volt supply cannot be used always use a Residual Current Device (RCD) connection, but make sure it is tested.



Don't take chances with electrical cables, treat all cables as live until you know otherwise.

If using powered hand tools make sure that the supply voltage is correct for the equipment.

All plugs and leads are in good condition and free from defect.

Ensure only correct fuses are used 'no nails'.

Don't make any temporary repairs, have those that are trained repair all equipment.

Keep cables off the ground whenever possible; do not let them run through water, wet areas or mud.

If cables have to be on the ground ensure that they are protected from damage and not a trip hazard.

Keep extension leads as short as possible.

Do not use extension leads that are still wound on a reel as the cable can melt due to heat build up.

Do not use insulating tape to cover breaks on a cable, have it repaired, all electrical equipment must be inspected and tested before use.

SUN EXPOSURE

Too much sunlight is harmful to your skin.

In the short term, even mild reddening of the skin from sun exposure is a sign of damage. Sunburn can blister the skin and make it peel.

Longer term problems can arise. Too much sun speeds up ageing of the skin, making it leathery, mottled and wrinkled. The most serious effect is an increased chance of developing skin cancer.

What can you do to protect yourself?

- Keep your shirt on/top on.
- Wear a hat with a brim or a flap that covers the ears and the back of the neck.
- Stay in the shade whenever possible, during your breaks and especially at lunch time.
- Use a high factor sunscreen of at least SPF15 on any exposed skin.
- Drink plenty of water to avoid dehydration.
- Check your skin regularly for any unusual moles or spots. See a doctor promptly if you find anything that is changing in shape, size or color, itching or bleeding.



SLINGING AND LOAD HANDLING

Slinging and load handling is perhaps the most vital part of any lifting operation.

Do not get involved in any slinging operations unless you have been adequately trained and authorised to do so.

Failure to follow this advice could lead to death or injury.

FIRST AID

First aid provision is all about treating an injured person immediately and contacting the emergency services if need be. In extreme cases it saves lives.

All sites should have a sufficient number of trained first aid persons in keeping with the risks and the numbers employed.

The name of the nominated first aider(s) should be posted in the canteen and other prominent position. Remember the name.

The first aider should be the first person contacted in the event of an injury or health problem on site.



CITB

The purpose of CITB is to encourage the adequate training of those employed in, or intending to be employed in, the construction industry in NI, by establishing the training needs of the industry, encouraging and advising the industry to train and ensuring the adequate provision and standard of training in the industry.

Through Legislation CITB is authorised to raise a levy from the N.I. construction industry to fund its activities and services that aim to encourage adequate training.

The levy is redistributed through CITB grants, and other activities including training advice & support from the regional advisory team, recruitment & education, research, standards & qualification development & specialist training through CITB's training division TASC.

For further Information about health & safety training and publications contact CITB at:

Construction Industry Training Board
Nutts Corner Training Centre
17 Dundrod Road, Crumlin, Co. Antrim, BT 29 4SR
Tel: 028 9082 5466
Fax: 028 9082 5693
Email: info@citbni.org.uk
www.citbni.org.uk

ConstructionSkills is the Sector Skills Council for the construction industry. It is UK-wide and represents the whole industry from professional consultancies to major contractors and SMEs. Established as a Sector Skills Council in 2003, ConstructionSkills is working to deliver a safe, professional and fully qualified construction workforce.

ConstructionSkills is a partnership between CIC, CITB NI and CITB -ConstructionSkills. All three partners are committed to working together to deliver industry-led skills and training solutions through the Sector Skills Agreement for construction. We work to negotiate the best partnership and funding deals for the construction industry to help raise standards and we develop the skills products and services employers need.


The Construction Employers Federation (CEF) Health & Safety Practitioners Group assisted with the development and content of this booklet.

This booklet is also supported by the HSENI.

For information on HSENI's health & safety publications contact HSENI at:

Advice Helpline: 0800 0320 121
Tel: 028 9024 3249
Fax: 028 9054 6896
Email: hse ni@detni.gov.uk

This image shows a blank sheet of white paper with horizontal blue lines, resembling notebook paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Disclaimer: The information contained in this publication is intended to provide general guidance only and should not be regarded as a complete and authoritative statement of the law. CITB does not accept or assume any liability or duty of care for any actions taken as a result of the information contained within this publication. You should not act upon the information contained in this publication without obtaining specific professional advice. No representation or warranty (express or implied) is given as to the accuracy or completeness of the information contained in this publication, and, to the extent permitted by law, CITB, its members, employees and agents do not accept or assume any liability, responsibility or duty of care for any consequences of you or anyone else acting, or refraining to act, in reliance on the information contained in this publication or for any decision based on it.



Construction Industry Training Board

Construction Industry Training Board
Nutts Corner Training Centre
17 Dundrod Road
Crumlin
Co. Antrim
BT 29 4SR

Tel: 028 9082 5466
Fax: 028 9082 5693

Email: info@citbni.org.uk
www.citbni.org.uk

CITB - Construction Skills, CIC and CITB (NI) are working in partnership as the Sector Skills Council for Construction.

Part of the Skills for Business Network of 25 employer led Sector Skills Councils.