



Insert project name here

Please turn off your mobile phone







The Test

- You will be tested at the end of this induction
- If you fail to score over 60% in the test you will not be permitted to work on the site

PLEASE PAY ATTENTION

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Project Site Induction

What we are going to present

- 1. Introduction to your site
- 2. Health and Safety
 - Site-wide hazards
 - Zone hazards
 - Site rules
 - Safe working practices
 - Access routes
 - Emergency procedures
 - Accident reporting
- 3. Communication
- 4. Environmental awareness
- 5. Summary and group feedback
- 6. Induction test



What we are building

 Add a description of the project here including project name, client name, type of building e.g. residential, hotel etc. the number of floors, start date, completion date.



Site Layout

Add a plan of the site showing all of the primary points of interest. As a minimum the items listed to the right should be included

- Muster point
- Pedestrian access
- Vehicle access
- First Aid
- Waste bins
- Storage area
- Welfare facilities



The Site Management Team

INSERT PROJECT ORG CHART HERE WITH THE NAMES AND TELEPHONE NUMBERS OF THE KEY STAFF MEMBERS CLEARLY VISIBLE





project design I construction I programme I supervision I facilities management

Health & Safety Policy

Nothing at Cenve is as important as safety. We are committed to carrying out our operations in a manner where safe behavior is the norm, positive reinforcement is natural and the incidence of work related injury and ill health is eliminated. We target to achieve a Zero accident incident rate on all of our projects and throughout all of our business operations.

This will be achieved by:

- Actively creating safe working environments for all;
- Displaying leadership, passion and commitment at all levels;
- Working safely to enhance quality, improve productivity, morale and generate value;
- Using consultation, collaboration and leadership as strong indicators of health and safety performance;
- Learning from our failings and successes and spreading this learning throughout the business;
- Innovating to reduce risks to health & safety;
- Empowering people to make sound choices about their own safety and the safety of others by
 encouraging and supporting them to challenge the environment in which they work;
- Admiring, respecting and recognizing safe behavior;
- Having a well trained and competent workforce who actively contribute and participate in the safe planning of their workplace tasks;
- Committing to safety and long term health to assist in making us the employer of first choice;
- Welcoming only those who support our vision and are willing to change we will not compromise on safety

Continual review and improvement is the key component to ensuring our Health & Safety System (CCM) is current and effective. Our Health & Safety Policies ensure compliance with relevant legislation and regulations. In many cases we enhance these requirements to make Cenve the company of first choice for all stakeholders

The Cenve Management Team fully endorses this Policy. Everyone working for Cenve is required to fully support and promote the Policy by complying with the requirements and duties contained in the CCM.

We take pride in everyone returning home safely every day. I personally commit Cenve to this Policy.

Jason Cunningham
Chief Operations Office

Everyone working on a project managed by Cenve is expected to support and promote this Policy and to Comply with its requirements and duties at all times





Safety

- It is Cenve's policy to provide an environment free of incident and injury
- Having a safe place of work is more important than production
- Please do not tolerate any bad practice which could result in an incident or injury

'Don't walk by'

Will it take an accident to shift your perception?



Safety

IF YOU CANNOT DO IT SAFELY

THEN, DO NOT DO IT!!!



Health & Safety Culture

CCM QA-0000-HS-P-GG01

THIS CARD SHOULD BE USED EVERY DAY TO ASSESS THE SAFETY OF YOUR TASK BEFORE YOU START WORKING

During your TAKE5 session answer the questions below and take the necessary action

Have you had a daily activity briefing YES NO Do you know your supervisor YES NO Have you read the Method Statement or Task YES NO **Briefing Sheet** Are the right people available YES NO Are you wearing the correct PPE NO Do you have the required permits & approvals YES Do you have the right equipment YES NO Is your work area tidy and free from hazards YES

If all your answers are YES continue to work

If you answer NO to any question, STOP what you are doing and speak to your supervisor or manager

- Read your site safety guide
- Don't walk by.....
- If you can't do a job safely..
- TAKE5 participate every day





What you can count on from the Management Team

- If you stop a task on safety grounds we will back you up
- If you bring up a safety concern, we will address it promptly
 it will not end up in a black hole
- Our incident investigation is not to allocate blame but to learn, so we can stop another injury





What your management expects of you:

If its not safe, don't do it

If you see something unsafe - speak immediately to
your supervisor - no matter who - no matter what

- If you're not completely sure of something
- If it doesnt look right
- If you do not understand the assignment
- Or if you are unsure of how to do the job safely

Speak up and ask

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Project Site Induction

Add Project name – your site hazards!

Add your site specific hazards or delete if not applicable

- Work at height falls of materials or persons
- Movement of materials manual handling
- Pedestrian / vehicle access struck by moving vehicles
- Use of plant / equipment noise, vibration, etc
- Use of, and exposure to, hazardous substances
- Works involving flame, heat, sparks, etc
- Works involving electricity shock
- Lifting operations falling loads, equipment failure, etc
- Excavation collapse, methane, water, etc
- Confined spaces asphyxiation, entrapment

Does Anyone Have any Questions on Anything we Have Presented so Far?





Project Working Hours

Sunday to Thursday:

00:00 hrs to 00:00 hrs

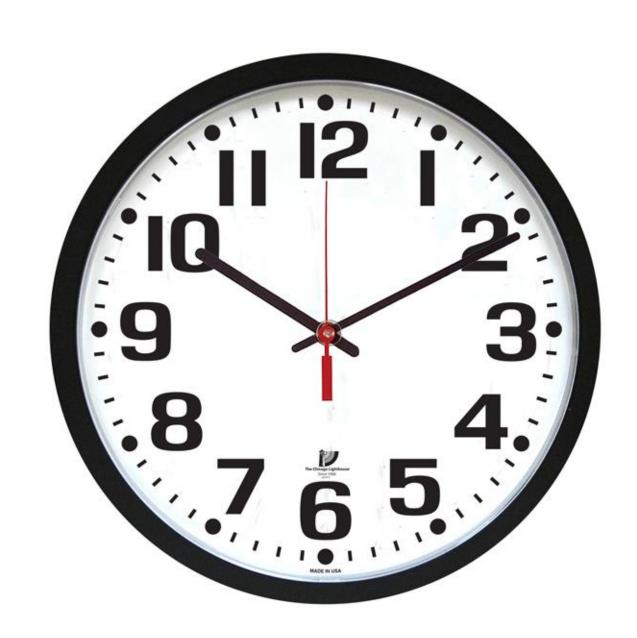
Friday:

00:00 hrs to 00:00 hrs

Saturday:

Breakfast: 00:00 – 00:00 hrs

Lunch: 00:00 – 00:00 hrs





Security & Access Passes

- Passes remain the property of xxxxxxxxx
- If you leave site permanently:
 - Your pass MUST be returned to the site office
- If you fail to do so, the cost may be deducted from your pay





Site Access Control Systems

- You must always clock in/out of the site
- Use the electronic access control system
- Enrolment for the electronic access control system will take place after this induction

Using the Electronic Access Control System:

- XXXXXXXXXXXXX
- XXXXXXXXXXXXXX
- XXXXXXXXXXXXXX
- XXXXXXXXXXXXXXX



Site Rules



project
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management

G9-G CENVE Group Specimen Site Rules

When developing these rules, note that any disciplinary action must comply with current HR guidelines and Industrial Relations Guidance included in the Administration Procedures Manual.

1. Rules Applicable to All Persons on Site:

- Drug & Alcohol Testing may be carried out at any time. Positive results for drugs or excess
 alcohol, or refusal to take a test could result in termination of contract or refusal of entry to site.
 If you use any medication that could affect your ability to work safely, notify your employer
- 'Take 5' is an initiative described at induction or on site notices and requires your active support
- · Safety Inductions must be satisfactorily completed by all persons before starting work
- CENVE Disciplinary Code is operated on site and a behavioral Incident Notice may be issued
 and recorded. Persons receiving a 3rd warning or a warning for gross misconduct will be
 removed from site and further formal disciplinary action may be taken

2. Persons Working on Site

- Safety Helmets, High Visibility Vests, Safety Footwear, glasses and gloves are mandatory on site
- You must wear additional Personal Protective Equipment where this has been specified.
- Make sure your supervisor has briefed you prior to starting work if not, stop and ask
- Strictly follow the details of the agreed method statements, task briefing or daily activity briefing
- Stop working if unsafe or unhealthy conditions develop and inform your supervisor immediately
- No alcohol, drugs, radios or MP3 are allowed on site
- Only eat, drink or smoke in areas designated by management
- Racial or sexual harassment on site or directed at the public is illegal and will not be tolerated
- Anyone connected with defacing or vandalising anything on site, will be removed from site

3. Work Areas

- Keep your area tidy by keeping rubbish in piles or in bins
- Keep all accesses clear of materials, cables or other obstructions
- Fully comply with all health and safety signs do not cross barriers or enter no-go areas
- If you notice unsafe areas or uncovered holes, take immediate action, report them immediately
- Never pour oil or other pollutants down drains know your COSHH materials & use them safely

Cenve Health & Safety and Environmental Control Manual (CCM) QA-0000-HS-P-G9G Cenve Group Specimen Site Rules Copyright 2015 Construction Excellence National Value Engineerin CCM G9G: Page 1 of 2 October 2016 Revision A



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4. Unplanned Events

- . Report all accidents and near misses to allow us all to learn by our mistakes
- Know the best means of escape from your wok area and your assembly point
- Unsafe working will not be tolerated

5. Plant and Equipment

- To operate plant or machines, you must be authorised and hold the appropriate certification
- Scaffolding (incl. proprietary systems) may only be erected, dismantled or altered by scaffolders
- Mobile towers can only be erected or modified by approved erectors with appropriate instructions
- · Only trained and approved slinger signallers may sling, bank or receive slung loads

6. Rules for Drivers on Site

- All persons must wear safety helmets, hi-vis & safety footwear when not protected by their cab
- Drivers who have not had a site specific induction must remain with their vehicles unless escorted

Rules for Visitor

Site visitors must be escorted at all times by a fully inducted person and obey all instructions

We want, and will assist you to take care of yourself while at work,

What are you going to do to help us and yourself?

....end of Guidance G9-G

Cenve Health & Safety and Environmental Control Manual (CCM)
QA-0000-HS-P-G9G Cenve Group Specimen Site Rules
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CCM G9G: Page 2 o October 2016 Revision

Site Rules are There for **YOUR** Safety Please Follow Them at **ALL** Times



General behaviour on site



None of the above



Drugs and Alcohol



project
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management

Drugs & Alcohol Policy

Cenve holds Health & Safety as a core business value. We are committed to a future free of incident and injury, and the effective management of drugs and alcohol misuse is an integral part of this.

It is the policy of Cenve to:

- Comply with all applicable legislation and local standards relevant to the location and nature of the works;
- Never knowingly permit any Cenve employee, its consultants or trade contractors or anyone engaged directly or indirectly (as a worker) to report for work or enter work premises under the influence of alcohol or drugs, or to consume while on duty or on the premises:
- Implement control measures to prevent, as far as reasonably practical, individuals from working or entering work premises while under the influence or drugs or alcohol, or consume these at work;
- Never knowingly employ or retain any employee or worker, directly or indirectly, who
 has been justifiably dismissed by an employer for alcohol and/or drug related
- Take suitable action up to and including dismissal or termination of contract against anyone testing positive to alcohol or drugs in breach of this policy.

Any employee or worker found to have tested positive after a drug and alcohol test will be immediately suspended from the work in which they are engaged pending a full investigation.

Employees or workers testing positive for drugs or alcohol, attempting to defeat or refusing to take a test, face sanctions up to and including termination of contract.

This policy will be reviewed in line with changes to any relevant legislation.

Construction Excellence National Value Engineering | Company Registration Number: 64633 P.O.Box 22306 | Office 3 | Level 16 | Salam Tower | Doha | State of Qatar Telephone: +974 44 12 82 64 | Email: us@cenve.com | www.cenve.com

- Anyone testing positive in a drug or alcohol test will be immediately removed from any safety-critical work, pending a full investigation
- Workers testing positive for drugs or excess alcohol or refusing to take a test will face sanctions which may include termination of contract



Drugs and Alcohol

Anyone taking prescribed medication or has any medical conditions, such as Diabetes, should inform their immediate Supervisor and or Manager

This information is confidential and would only be used to assist you in the case of an emergency





Health & Safety Communication

Health & Safety committee meetings are held regularly to allow you to raise any work related health and safety issues.

You can also speak openly to any Manager at any time

You have a voice

WE WILL LISTEN

Does Anyone Have any Questions on Anything we Have Presented so Far?





Risk Assessments & Method Statements

Have you read, understood and signed your method statement?

If not.....

Please ensure you receive this briefing from your supervisor before commencing work

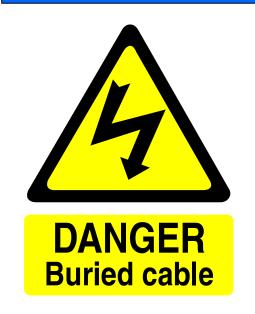
Do Not Start and Activity Until you Fully Understand any Risks



Permits to Work

- Some tasks require a permit before work starts
- They must be closed out when work is complete
- If a permit is required, it will be stated:
 - In the method statement
 - Task sheet
- Can you give examples of when a permit is required?

This is a permit to work area





Permit to Dig

Hot Works Permit



Temporary Works (TW's)

Temporary Works: Works required for construction, maintenance or demolition of permanent works (normally removed from site on completion)

We have a detailed procedure for the management of TW's

Some TW's will require permits to access or to load

These should be identified in your Method Statement





Services

- Treat ALL cables and services as LIVE
- All excavations (hand or mechanical) require a permit to dig
- Driving road pins and stakes still requires a permit to dig
- Permits must be kept with excavator

IF IN DOUBT, STOP AND ASK

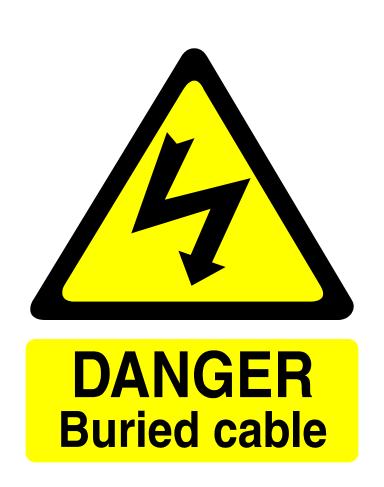






Services

- Different service categories require different protection and methods of work
- Ensure you are fully briefed, have your permit and know service categories before starting work
- If in doubt, ask the service coordinator or manager

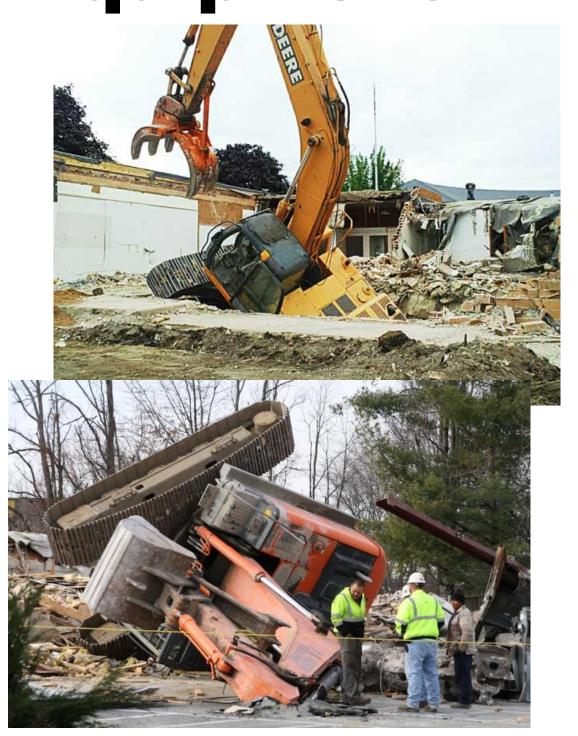


IF IN DOUBT, STOP AND ASK



Operating Plant & Equipment

- Only competent, trained operators are allowed to operate plant & equipment on this site
- Operators will have to prove their competence prior to starting work on the site
- To help us prevent incidents like this from occurring





Lifting Operations are Planned & Controlled

- The Crane Team controls all cranes
- Crane Team members receive further training & briefing
- Slingers & Signallers are trained
 & appointed in writing
- Slinger & Signallers are identified by orange vests and helmets





If you are not a slinger - DO NOT SLING



Work at Height

All work at height is potentially dangerous

This includes work on:

- Tables & Falsework
- Scaffolds & Alloy Towers
- Ladders
- MEWPs

Edge Protection Must be in Place At All Times







Work at Height



This could happen to you if you fall from a height!



Mobile Scaffold Towers

If using a tower scaffold:

- Erect & Dismantle ONLY by a Scaffolder to the manufacturer's instructions
- Double guard-rails & toe boards on all working platforms
- Provide correct access to platforms
- Use correct procedure when accessing, using or moving the tower





Mobile Elevated Working Platforms (MEWPS)

Operators must be

- Fully trained & Competent
- CPCS Card / IPAF standard

Read the guidance

- Barrier off surrounding area
- Wear safety harnesses, fasten to internal MEWP anchor point

For scissor lifts

 Requirement for harness by risk assessment. Always retract the basket before travelling - They are not "lifts" or cranes





Scaffold

Scaffolds

- Must be inspected weekly
- Must have ScaffTag fitted
- Can only be erected, altered or dismantled by qualified, certified scaffolders

Guard-rails and toe-boards

- Guard-rails & toe-boards required if someone could fall
- Never remove or adapt guarding





Ladders

Avoid working from ladders where possible!

- Ladders must be inspected weekly and records kept
- Free from damage
- Secured at top or footed
- Used on solid base
- Do not use metal ladders near overhead power cables
- Industrial grade only



Use podiums or 'pop ups' instead of stepladders



Safety Harness

Treat the use of a Safety harness as a last resort

- You must be trained to check, wear and adjust harnesses
- Remember a harness will not prevent a fall but will minimise the risk of injury if there is a fall
- Recovery procedures must be in place to recover someone who has fallen





Plant, Equipment & Portable Electrical Tools ONLY 110V EQUIPMENT TO BE USED ON SITE

- Protect supply cables from sharp edges & objects;
 never pull or carry tools by their cable
- Keep cable clear of ground if possible to prevent crushing or abrasion by plant or vehicles
- Check supply cable for cuts, splits or damage
- Do not carry out makeshift repairs tell your supervisor
- Regular maintenance & repairs should be carried out by qualified electricians
- All portable electrical equipment to be PAT tested & tagged

Fire Prevention on Site

 A majority of fires on construction sites are caused by 'hot works. This includes such activities as:

Grinding Tar boilers Cutting Welding Blow torches Blacktop plant

- Simple measures can prevent fires:
 - Check whether you need a hot work permit
 - Housekeeping: remove rubbish & other combustibles
 - Have extinguishers nearby if carrying out hot works





Does Anyone Have any Questions on Anything we Have Presented so Far?



COSHH

What does COSHH stand for?

Control of Substances Hazardous to Health

- Ensure you understand the COSHH assessment
- Ensure you use the stated controls
- Monitor the work environment
- Ensure appropriate storage & disposal
- Can you identify the symbols below?



TOXIC





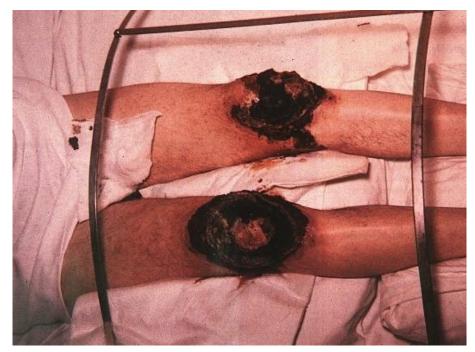


HARMFUL

FLAMMABLE



COSHH



Cement Burn

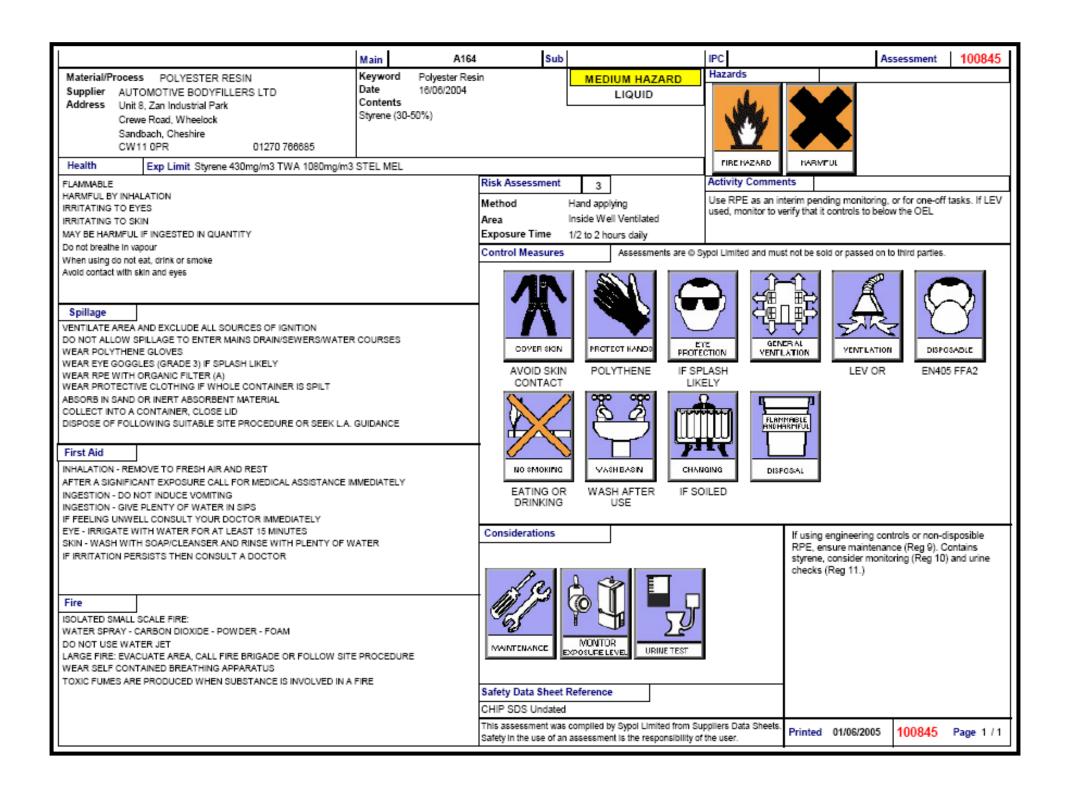


Chemical Burn



Acid Burn

COSHH Assessment Sheet







Leptospirosis (Weils Disease)

What is Weils Disease?

 This serious, occasionally fatal, infection can be transmitted to humans by contact with rats urine

What are the symptoms?

Flu like symptoms and persistent headache

How can I catch it?

- Cuts and scratches
- Contaminated water

How can I prevent it?

- Washing hands
- Covering open wounds





Manual Handling Basics





Manual Handling Basics

3kg

7kg

Women Men 10kg 5kg 3kg 7kg D Shoulder height Shoulder height 20kg 10kg 13kg 7kg Elbow height Elbow height 25kg 15kg 16kg 10kg Knuckle height Knuckle height 20kg 10kg 7kg 13kg Mid lower leg height

10kg

5kg

Mid lower leg height

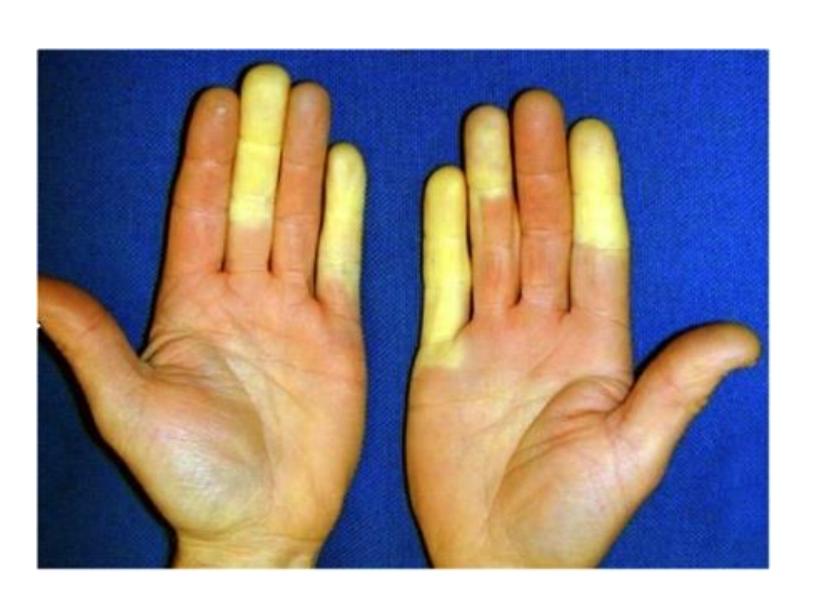


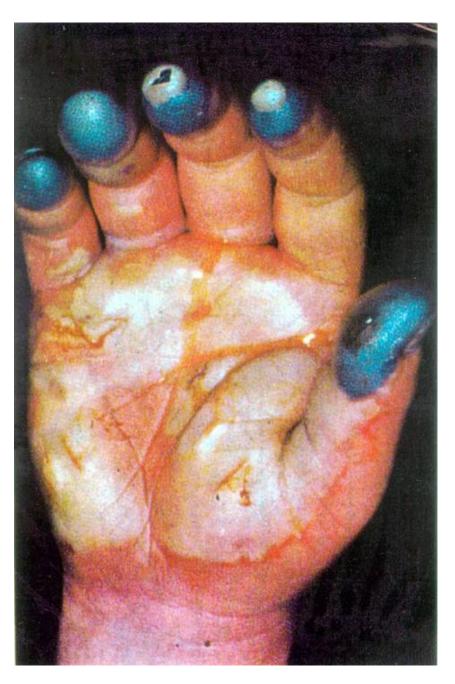
Manual Handling Assessment

- Be aware of climatic conditions
- Asses the weight of the object you are lifting
- Consider its size
- Respect your age, ability and medical history
- Check special PPE required (such as gloves)
- Special training required



HAVS Hand Arm Vibration Syndrome







Hand Tools Max Daily Use

Hilti TE 75



Circular saw Makita 9"



2.5 m/s² 10 hours

Petrol partner saw K650



8.9m/s² 48 minutes

Rock Drill Atlas RH 572E



Bosch CWS9-125 5" grinder



2.5m/s² 10 hours

Bosch jigsaw



2.5 m/s² 8 hours



Hand Tools Max Daily Use



Electric poker unit



Needle gun NG5



12 m/s² 20 mins

2 hours

5.12m/s² 2 hours 23 mins



Pole scabbler



Single head scabbler MD S1



12.2 m/s² 25 minutes

45 minutes

2.5 m/s² 8 hours



Personal Protective Equipment (PPE)

The minimum on this project is:

- Safety helmet (correctly worn, chin strap as required)
- High visibility sleeved / ½ sleeved vest, T- shirt or jacket
- Safety boots (steel toe cap and mid-sole protection)
- Long trousers (No shorts or cut offs allowed)
- Gloves approved and suited to your trade
- Approved Light Eye protection

THIS MINIMUM LEVEL OF PPE IS COMPULSORY FOR ALL ARES OF THE SITE



Eye Protection



Light Eye Protection is Mandatory for Everybody on Site at ALL Times

ALWAYS Wear Eye Protection Which is Suitable for the Task You are Doing – If you are Unsure Ask Your Supervisor



Hand Protection





ALWAYS Wear Hand Protection Which is Suitable for the Task You are Doing – If you are Unsure Ask Your Supervisor



Emergency Evacuation Procedures

- Raise the alarm first
- Only if competent, try to extinguish the fire (never put yourself at risk)
- Leave your work area, proceed to assembly point
- Fire marshals will clear area
- Return only when instructed







Who to Contact

Speak to the person at risk first

- Inform a Supervisor
- Inform a Line Manager
- Inform the H&S Coordinator or Supervisor
- Inform the site Safety Manager

If these people cannot assist, then ring one of the members of your safety leadership team whose phone numbers you will find displayed on a poster on the site notice board.



Accident Reporting

- All major and minor accidents must be reported to the site office
- Inform your Supervisor
- All near misses must be reported to your Supervisor or Line Manager, who will enter it in the near miss book
- By reporting near misses, lessons can be learnt and help to avoid future accidents





First Aiders

These can be identified on site by the green sticker on their helmet





First Aid Arrangements



First Aid kits are located within the site offices



- Only qualified First Aiders can administer First Aid
- All First Aid given must be recorded in the accident book and supervisors must report each occurrence
- All accidents to be reported <u>promptly</u>



Welfare Facilities

Good quality, well maintained welfare facilities will be provided for all people working on site





Please don't abuse them
No eating on site - Use the canteens



Environmental Awareness

- Prevent contamination through:
 - Correct use of drip trays / refuel points
 - Pumping to approved points
 - COSHH storage / disposal
 - Housekeeping/maintenance
 - Appropriate use of spill kits
- Minimise dust on site through:
 - Wetting down of haul roads
 - Observing site speed restrictions









Environmental Awareness

- Waste
- Reduce, re-use, recycle
- Separate waste as appropriate
- Minimise wastage
- Dispose of litter
- COSHH assessments from stores
- Safe disposal of COSHH empties
- Always wear appropriate PPE
- Assess work area (confined space?)







Communication

- Daily work activity briefing
- Toolbox talks
- Health and Safety committee
- Notice boards

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Project Site Induction

What we have Covered

- Introduction to your Site
- Health & Safety
 - Site wide hazards
 - Zone hazards
 - Site rules
 - Safe working practices
 - Access Routes
 - Emergency procedures
 - Accident Reporting
- Environmental Awareness
- Communication



Key Messages

NEVER ENTER AREAS WITHOUT AUTHORISATION IF YOU CAN'T DO IT SAFELY, DON'T DO IT

DON'T WALK BY

IF IN DOUBT.... ASK

YOU HAVE A VOICE, WE WILL LISTEN



Safety Induction Test

INSERT PROJECT NAME HERE

INDUCTION QUESTIONAIRE

If you have difficulties with grammar make this known.

This questionnaire must be completed after this induction

- You will be awarded 5 points per question or a percentage of
- You must gain a score of 60
- If a score of 60 is not achieved, you will be denied access to site
- The Project Manager or Construction Manager must be consulted if this occurs and will make a decision as to whether access is granted

NO	QUESTION
1	Where is the muster point
2	Name the Project Manager
3	Name 2 of the Health and Safety cultural standards
4	Name 2 site hazards present on this project
5	What is method of access control is used on this project
6	Name 3 site rules
7	Why are radios banned on site
8	What information should you have read before starting work
9	Name 2 types of permit
10	How would you tell who is a slinger/signaller
11	Who is permitted must to erect an aluminium tower
12	What is the safe voltage of site power tools
13	How would you recognise a First Aider
14	Name 3 types of hot works
15	What does COSHH stand for
16	What is the common name for leptospirosis
17	What is the safe maximum load for a single person to lift
19	Name 3 types of PPE other than helmet/boots/vest
20	What determines the type of eye protection you should wear