



Complete the following sheets by writing the hazards as you see them, but first please watch the youtube video.

<https://youtu.be/tAkyjYKNJkU>
(rewatch as required)

Name: _____

Allow 40 minutes to complete



@joshnewzealand

Not ALL hazards are identified in the following pages:

The answers in the following pages are not intended to be *definitive*, but rather reflect an **immediate and obvious** interpretation of the hazards. The nature of a perceived hazard depends largely on the discipline, familiarity & site experience of the observer. Also, the immediately visible issues may be indicative of broader systemic H&S issues.

The two examples below present a more in-depth interpretation of Figures 8 & 1:

EXAMPLE 1

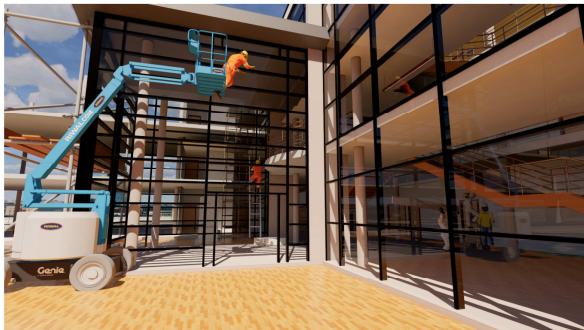


Figure 8

Obviously the man is leaning from the cherry picker without a harness and is in danger of falling. In addition people passing through the doorway beneath the cherry picker are at risk of falling objects.

In a better safety environment the man on the cherry picker should possibly have considered additional safety measures...such as doing a **Task Analysis** prior to commencing work.

Items which should be picked up by a task analysis might include:

1. Appropriate positioning of the Cherry Picker.
2. Preventing access through the doorway for the duration of the task.
3. Use of Barriers around task work area.
4. Have someone standing on the ground to act as a 'spotter'.
5. Coordinate with other trades, to minimise work-area conflicts.

EXAMPLE 2



Figure 1

Another example is the Site Board obstructed by the portable toilet.

This situation should raise questions such as:

- How long the portable toilet has been there?
- Have people been walking past the obstructed safety signage for several days?
- Was it reported to the Safety Manager prior to this time?
- Were the portable toilet providers instructed to place it there?

Depending on the answers to the questions above, the toilet in front of the sign may or may not be a symptom of broader issues.

Please note the purpose of the video and exercise are more to initiate a wider conversation of safety systems & culture than spotting specific hazards.

Figure 1



Score: 4

HAZARD 1:

Portaloo obstructing view of site hazard board.

HAZARD 2:

PPE sign upside down.

HAZARD 3*:

No vehicle gates (esp. for night security).

HAZARD 4*:

Man (on left) approaching a blind corner is at risk of colliding with white truck.

Figure 2



Score: 4

HAZARD 1:

Worker carrying too much load she can't see where she's walking.

HAZARD 2:

Worker holding plank is not seeing the approaching wheelbarrow (risk of collision).

HAZARD 3*:

Untidy boxes around waste skip (trip risk) also sets a low standard.

HAZARD 4*:

Crawler crane operations is a 'high-risk' zone: barriers are required to restrict close-proximity working.

Figure 3



Score: 3

HAZARD 1:

Welding without face shield/visor.

HAZARD 2:

Damaged generator ... door guard laying on ground.

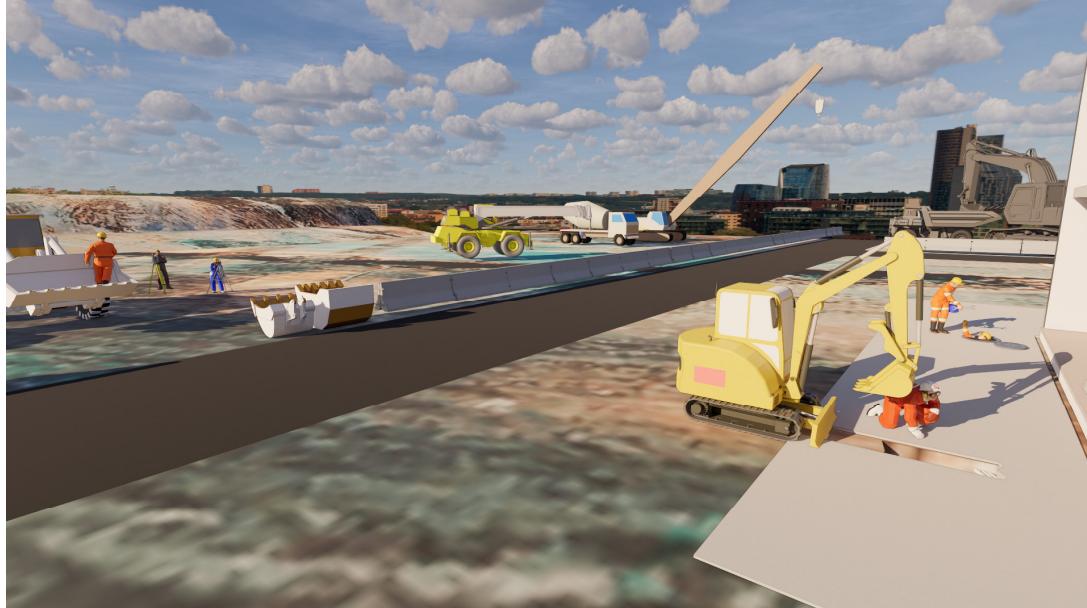
HAZARD 3*:

No edge protection on building floor slab or stair
(risk of fall accident).

HAZARD 4*:

Structure is obstructing the sight line between the
crane operator and where the load needs to
travel.

Figure 4



Score: 4

HAZARD 1:

Worker inside digger bucket.

HAZARD 2:

Mini digger accidentally digging up underground
ducts/pipes .

HAZARD 3*:

Working confined space (manhole).

HAZARD 4*:

Digger operations not segregated by barriers.

Figure 5



Score: 4

HAZARD 1:

Load stacked unsafely.

HAZARD 2:

Not wearing ear protection or safety goggles by jack-hammer.

HAZARD 3*:

Reversing forklift driver not paying attention.

HAZARD 4*:

Worker not wearing hard hat.

Figure 6



Score: 4

HAZARD 1:

Power tool cable creating trip hazard.

HAZARD 2:

A pipe has come loose from load.

HAZARD 3*:

Worker beneath crane without hi-viz PPE.

HAZARD 4*:

Site office steps (far distance) without handrail.

Figure 7



Score: 5

HAZARD 1:

Safety barrier down, man pulling pallet is at risk of falling into pit.

HAZARD 3*:

Crawler crane is lifting load above people (i.e. risk of material falling from height).

HAZARD 2:

Tail swing of crawler crane at risk of striking scaffolding.

HAZARD 4*:

Scaffolding on lean / soft muddy ground.

HAZARD 5
Pallet trip hazard. Untidy work site.

Figure 8



Score: 3

HAZARD 1:

Worker inside is standing on ladder half resting on pallets (uneven surface).

HAZARD 3*:

Pool of water on ground (slip hazard).
(just out of frame)

HAZARD 2:

Worker over-reaching from elevated work platform.

HAZARD 4*:

Figure 9



HAZARD 1:

Worker is using ladder as a work platform and compromising the 'three points of contact' rules by holding bucket.

HAZARD 3*:

Buckets in path of frequent thoroughfare.

HAZARD 2:

Worker carrying very long plank creating head strike hazard. Worker is also at risk of back strain...it is a 2 person carry job.

HAZARD 4*:

Person in casual clothing (in distance) not wearing PPE.

HAZARD 5
Worker holding plank without hard hat.

Score: 5

Figure 10



HAZARD 1:

Falling objects (tools).

HAZARD 2:

The wrong workers are wearing safety harnesses (left vs right).

HAZARD 3*:

No tags on any of the scaffoldings.

HAZARD 4*:

No handrails, kickboards etc on scaffolding.

HAZARD 5
No ladder access to scaffolding.

Score: 5

Figure 11



Score: 4

HAZARD 1:

Drilling wall without eye protection and hearing protection.

HAZARD 2:

Workers penetrating wall directly opposite.

HAZARD 3*:

Atrium rail is down creating a fall-from-height hazard.

HAZARD 4*:

Furniture in the clearance zone of the switchboard.

Figure 12



Score: 2

HAZARD 1:

Unprotected floor opening.

HAZARD 2:

Guard-rail missing on scaffold (far distance).

HAZARD 3*:

HAZARD 4*:

Figure 13



Score: 3

HAZARD 1:

Trapdoor left open (scaffold).

HAZARD 2:

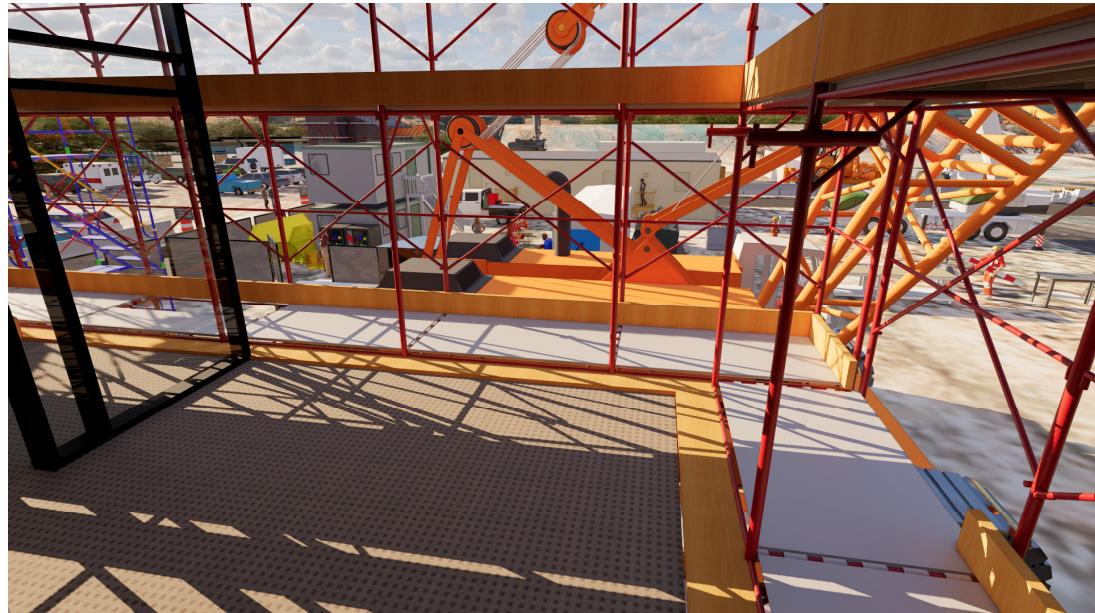
No edge protection on floor slab.

HAZARD 3*:

Food is a trip hazard + compromised egress.

HAZARD 4*:

Figure 14



Score: 4

HAZARD 1:

Section of scaffold platform missing.

HAZARD 2:

No toe board (scaffold).

HAZARD 3*:

Perimeter fencing open (compromising site security).

HAZARD 4*:

Food vending by hazardous chemicals.

Figure 15



Score: 3

HAZARD 1:

Spilt oil drum.

HAZARD 2:

Unauthorised people on site.

HAZARD 3*:

Worker standing on forklift forks.

HAZARD 4*:

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Total: 57