

「建築工地運輸及吊運安全」網上研討會

WEBINAR ON TRANSPORTATION AND LIFTING SAFETY IN CONSTRUCTION SITE

《閉幕辭》 Closing Remarks

建造業議會主席何安誠教授工程師
Ir Prof. Thomas HO, Chairman, CIC

12.08.2025





建造業安全意識問卷調查2024

Survey on Safety Awareness 2024

主題: 影響建造安全的因素

Topic: Factors Affecting Construction Safety

問題: 請根據以下因素選擇你認為對執行建造安全的影響程度?

Q: Please rate the impact of the following factors for implementing construction safety?

*以下是首6個影響建造安全的因素

*Here are the Top 6 Factors that affect construction safety

Please rate the impact of the following factors for implementing construction safety	請根據以下因素選擇你認為對執行建造安全的影響程度	平均分 (1 = 沒有影響 : 5 = 非常影響) Average Score (1 = No Impact; 5 = Highly Impactful)			
		總受訪者 Total Respondents	工友 Workers	前線管理人員 Frontline Supervisors	持份者 Stakeholders
1. Culture of rushed construction works schedules	1. 建造工期趕急的催工文化	1 3.58 (1.14)	3.30 (1.15)	1 3.92 (1.09)	1 4.18 (0.83)
2. Attitudes of frontline and management personnel	2. 前線人員及管理人員的心態	2 3.56 (1.12)	3 3.31 (1.12)	3.71 (1.08)	2 4.14 (0.89)
3. Ignoring safety method statements	3. 忽略安全施工方案	3 3.54 (1.15)	2 3.36 (1.17)	3.61 (1.18)	3 4.00 (0.91)
4. Overlooking actual construction methods in design stage	4. 設計忽略實際施工方法	4 3.50 (1.10)	4 3.32 (1.13)	4 3.72 (1.11)	4 3.88 (0.89)
5. Senior management's approach and attitude towards safety management	5. 高層參與安全管理的方式及態度	3.49 (1.12)	3.32 (1.16)	2 3.73 (1.05)	3.84 (0.95)
6. Adverse weather conditions and site conditions	6. 惡劣天氣工地環境	3.47 (1.11)	1 3.39 (1.15)	3 3.72 (1.09)	3.58 (0.96)



建造業安全意識問卷調查2024

Survey on Safety Awareness 2024

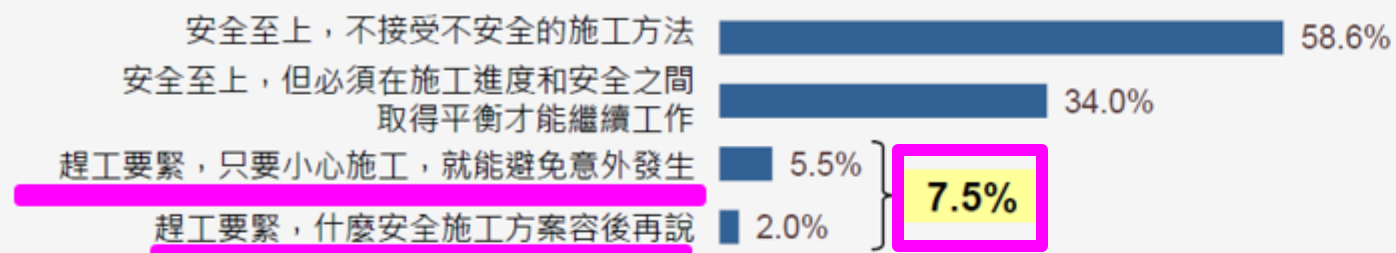
主題: 工友情景題

Topic: Scenario-based Questions for Workers

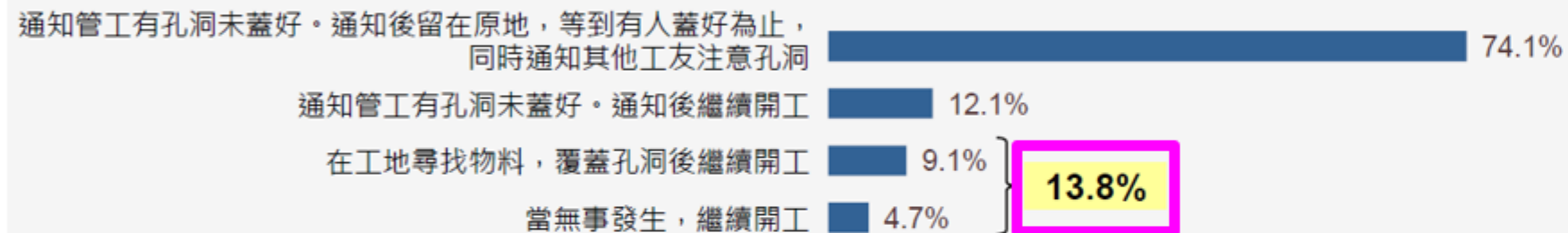
有7.5%到13.8%的工友選擇了明顯錯誤的答案，顯示安全意識仍需加強。

Between 7.5% and 13.8% of the workers selected apparently incorrect answers, indicating that safety awareness still needs to be strengthened.

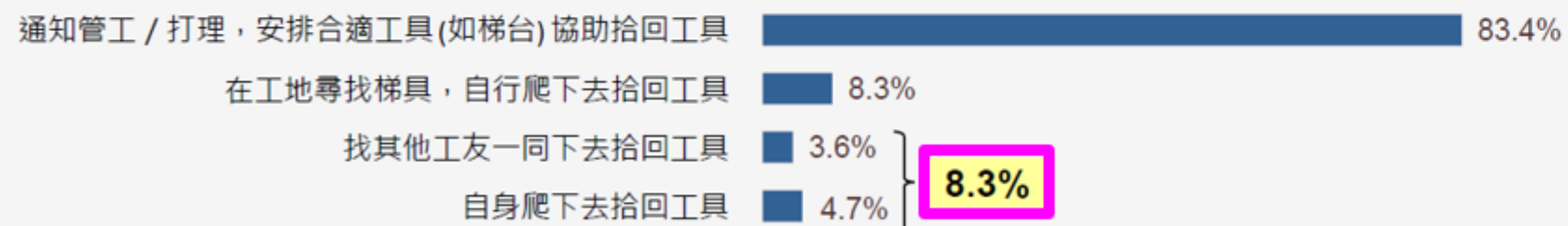
假設地盤趕工，您會選擇哪種態度？



如果發現有孔洞，您會怎樣處理？



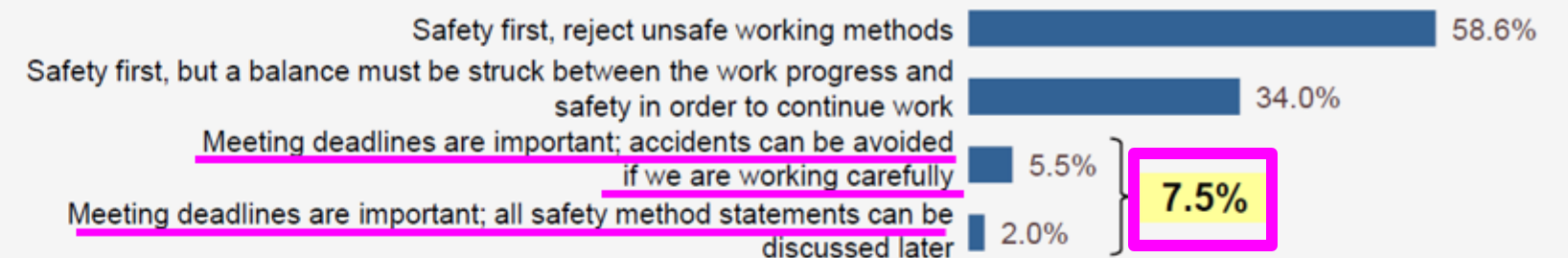
如果工作的工具跌入孔洞內，您會怎樣處理？



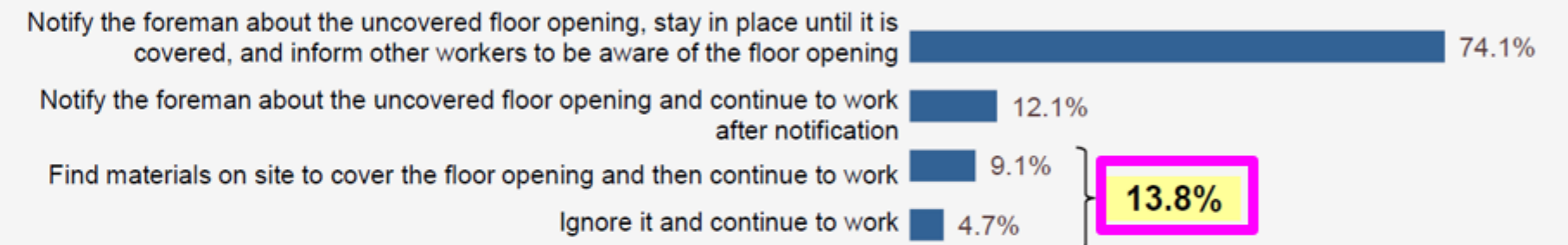
(N = 1,384)

0% 20% 40% 60% 80%

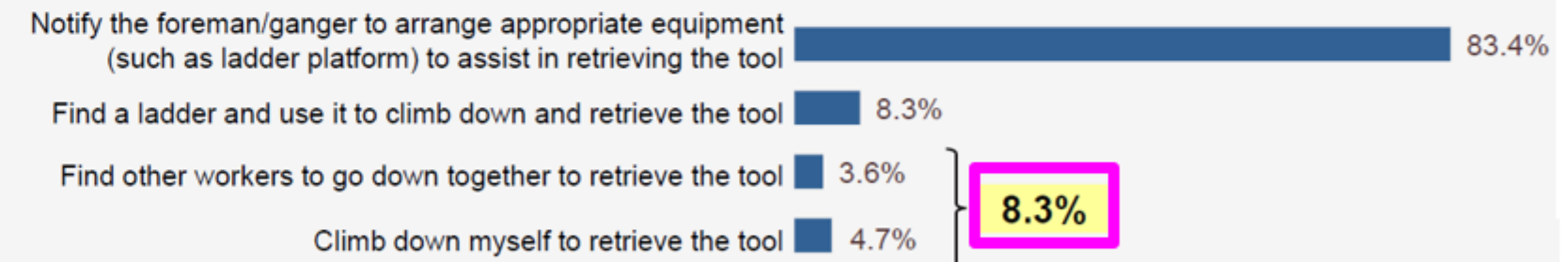
What attitude would you choose if the site is rushing to meet deadlines?



What would you do if you found a floor opening?



If a tool falls into an opening, how would you handle it?



(N = 1,384)

0% 20% 40% 60% 80%



建造業安全意識問卷調查2024

Survey on Safety Awareness 2024

主題: 工友開工習慣

Topic: Workers' Work Habits

問題: 請選擇你開工前的習慣(可選擇多於一項)?

Q: Select your Habits Before Starting the Works (May select more than one)?

Choices of habits before starting the works

- ☐ Observe the conditions of the workplace and confirm that it is safe before starting work
- ☐ Ensure there is a safe working procedure before starting work
- ☐ Ensure the use of appropriate personal protective equipment (PPE) before starting work
- ☐ Ensure safety training has been completed before starting work

Only Selected this Habit (4.7%)

☒ Follow the order arranged by the foreman/ganger

Only Selected this Habit (3.3%)

☒ Proceed the work based on working experience

開工前的習慣的選項

- ☐ 觀察工作地點情況，安全才開工
- ☐ 確保有安全施工程序才開工
- ☐ 確保使用合適個人防護裝備才開工
- ☐ 確保開工前接受安全培訓

單選這一個習慣 (4.7%)

☒ 聽從管工 / 打理安排

單選這一個習慣 (3.3%)

☒ 按工作經驗正常施工

推算Calculation

*註冊建造業工人數目(2024年高參與水平工友): 大約160,000人

Registered Construction Workers (Heavily Engaged Workers in 2024): about 160,000

若果問卷數據代表整體建造業界工人:

If the survey data represents all construction workers in the industry:

$$160,000 \times 4.7\% = 7,520 \text{人}$$

◆ 大約有7,520位工人只「聽從管工 / 打理安排」

Around 7,520 workers only "Listen to Foreman / Gangers"

$$160,000 \times 3.3\% = 5,280 \text{人}$$

◆ 大約有5,280位工人只「按工作經驗正常施工」

Around 5,280 workers only "Based on Working Experience"

- 工頭/揸Fit人/座頭/區長非常重要
- Roles of Ganger/ Block Foreman/ Area Foreman are critical
- 工友的意識非常重要
- Workers' awareness is vital
- 推己及人，延伸關愛文化
- Cascade caring culture
- 行孖咗
- Work in pairs



建造業安全意識問卷調查2024

Survey on Safety Awareness 2024

主題: 建造安全文化 – 自身義務
Topic: Construction Safety Culture - Obligation

約 14% 工友認為沒有義務執行「動態風險評估」

About 14% of workers think they are not obliged to "Implement Dynamic Risk Assessments"

約 6% 前線管理人員認為沒有義務帶領工友執行「動態風險評估」

About 6% of frontline supervisors think they are not obliged to "Leading to Implement Dynamic Risk Assessments"

你認為自身在推動安全文化中是否需要承擔以下義務？ (回答：是)
Do you agree you are responsible for the followings in promoting safety culture? (Answer: Yes)

Obligation	義務	工友 Workers	前線管理人員 Frontline Supervisors	持份者 Stakeholders
Ensuring that you wear appropriate personal protective equipment	確保自己佩戴合適的個人防護安全裝備	95.7%	98.1%	98.6%
Being vigilant about risky behaviors and potential danger zones on the site	對危險工地行為和潛在危險區域加以警惕	94.5%	96.5%	98.2%
Understanding the safety measures and response methods for safety incidents	了解及認識工地安全措施和發生安全事故的應對方法	94.5%	96.5%	98.1%
Recognising potential safety risks on the site	認識工地潛在的安全風險	93.9%	96.9%	97.3%
Reminding other workers about unsafe behaviors	對其他工友的不安全行為加以提醒	93.9%	96.1%	97.3%
Clearly understanding the consequences of safety incidents	清楚認識安全事故所引致的後果	93.9%	96.5%	98.8%
Ensuring the compliance with laws, codes of practice, and guidelines	確保符合法例、安全守則及指引	93.2%	95.4%	98.1%
Proactively reporting potential safety hazards on construction sites	主動匯報工地潛在的安全風險	92.6%	N/A	N/A
Conduct dynamic risk assessments	執行動態風險評估	86.1%	N/A	N/A
Leading workers to implement dynamic risk assessments	帶領工友執行動態風險評估	N/A	93.8%	N/A
Supervising the workers to carry out the construction works safely	應監督工友安全地施工	N/A	96.1%	N/A



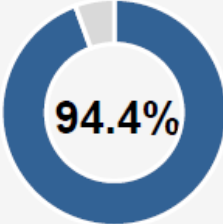
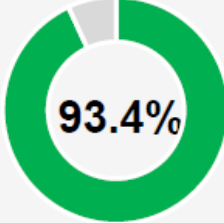
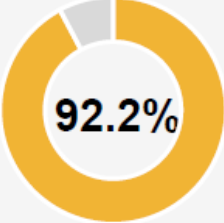
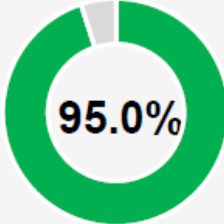
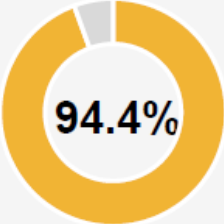
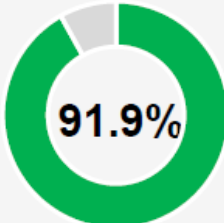
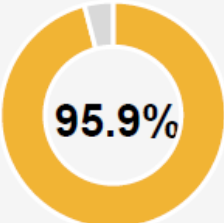
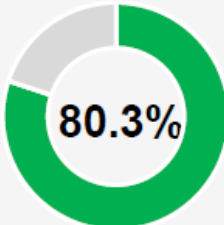
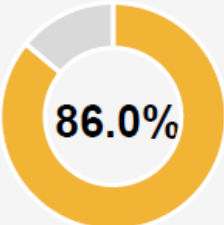
建造業安全意識問卷調查2024

Survey on Safety Awareness 2024

主題: 提升安全文化的誘因

Topic: Enhancement of the Safety Culture Factors

➤ 絕大部分受訪者同意引入**建築設計安全**、**建立鼓勵及表揚制度**，及**提供安全培訓**可提升本地建造業安全文化，工務或公私營工程之間的分別並不明顯。
Most respondents concurred that incorporating **Design for Safety (DfS)**, **encouragement and praise**, as well as the **provision of safety training**, could enhance the safety culture within the local construction industry. Results suggested that the distinction between public and private projects was minimal.

Questions	問題	工友 (N = 1,384)	前線管理人員 (N = 259)	持份者 (N = 514)
Do you believe that incorporating Design for Safety (DfS) can enhance the safety culture? (Answer: Yes)	你認為 引入建築設計安全 可提升安全文化嗎? (回答：是)	 94.4%	 93.4%	 92.2%
Do you believe that recording good safety performance of frontline personnel in the construction industry can enhance site safety culture through encouragement and praise ? (Answer: Yes)	你認為 記錄良好安全表現的建造業前線人員 ，以 鼓勵及表揚方式 以提升工地安全文化嗎? (回答：是)		 95.0%	 94.4%
Do you believe that providing safety training to frontline personnel can improve their safety performance? (Answer: Yes)	你認為 提供安全培訓 ，可提升工地前線人員安全表現嗎? (回答：是)		 91.9%	 95.9%
Do you believe that adopting a Smart Site Safety System (4S) can enhance safety culture on site? (Answer: Yes)	你認為採用 安全智慧工地系統 (4S) ，可提升工地安全文化嗎? (回答：是)		 80.3%	 86.0%

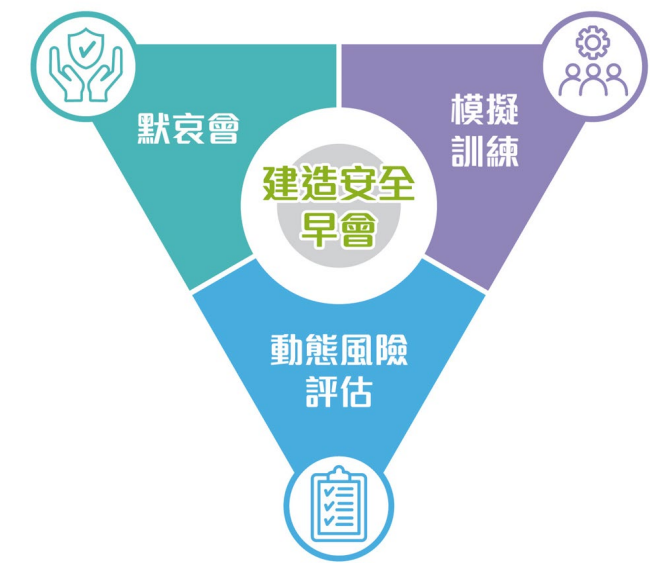


工具箱訓練（針對性）

Tool Box Talk – Specific Not Generic

全面落實建造安全早會

Full Implementation of Construction Safety Assembly



早操早會

Morning Exercise and Morning Briefing

- ✓ 進行伸展運動
- ✓ 分析業界意外成因
- ✓ 提出安全建議
- ✓ 重申向危險說不



安全帶雙扣尾繩模擬訓練

Double Lanyard Training

- ✓ 建立肌肉記憶
- ✓ 養成扣安全帶習慣
- ✓ 減少人為出錯



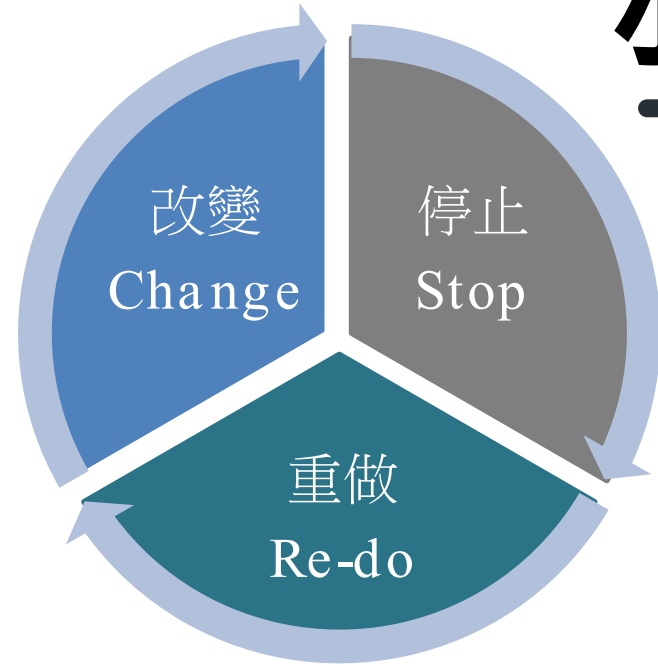
動態風險評估

Dynamic Risk Assessment

- ✓ 檢視當日工序
- ✓ 識別危害
- ✓ 採取相應措施
- ✓ 分配各人安全責任

救命三寶 Three Life Saving Tips

動態風險評估
Dynamic Risk
Assessment



現場簡報
Field Control Briefing



現場環境或工序有變，
應立即停止工作！！
If changes, Stop Stop Stop !!





謝謝
Thank you

