

AI 工具箱

資料分析及處理





When 10,000 Documents Read and Check Themselves

AI+ Civil Services Technology Forum

Eva Li, Co-founder, Pyramid AI
18 June 2026

Pyramid AI “understands” 80,000+ documents

~4M pages of knowledge



Vision

**A smarter way to construct —
Where documents write themselves,
compliance is built-in on day one, and
project teams are free from admin
work**



Founded in 2023 to transform the Architecture, Engineering & Construction (AEC) industry with AI, empowering engineers build it right the first time.

Backed by



Key clients & partners



Development Bureau

The Government of the Hong Kong Special Administrative Region of the People's Republic of China



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會

ESL HONG KONG
LAND, ENGINEERING, AND
HYDROGRAPHIC SURVEYORS



asia
infrastructure
solutions

a GIS Consulting Group company

ACCENTRIX

AI rollout in weeks for GovHK



Development Bureau

The Government of the Hong Kong Special Administrative Region
of the People's Republic of China

Revolutionizing Hong Kong's Construction Industry with AI

Users

500+

engineer users using

Documents

4,000+

Engineering documents embedded in AI

Time-saved

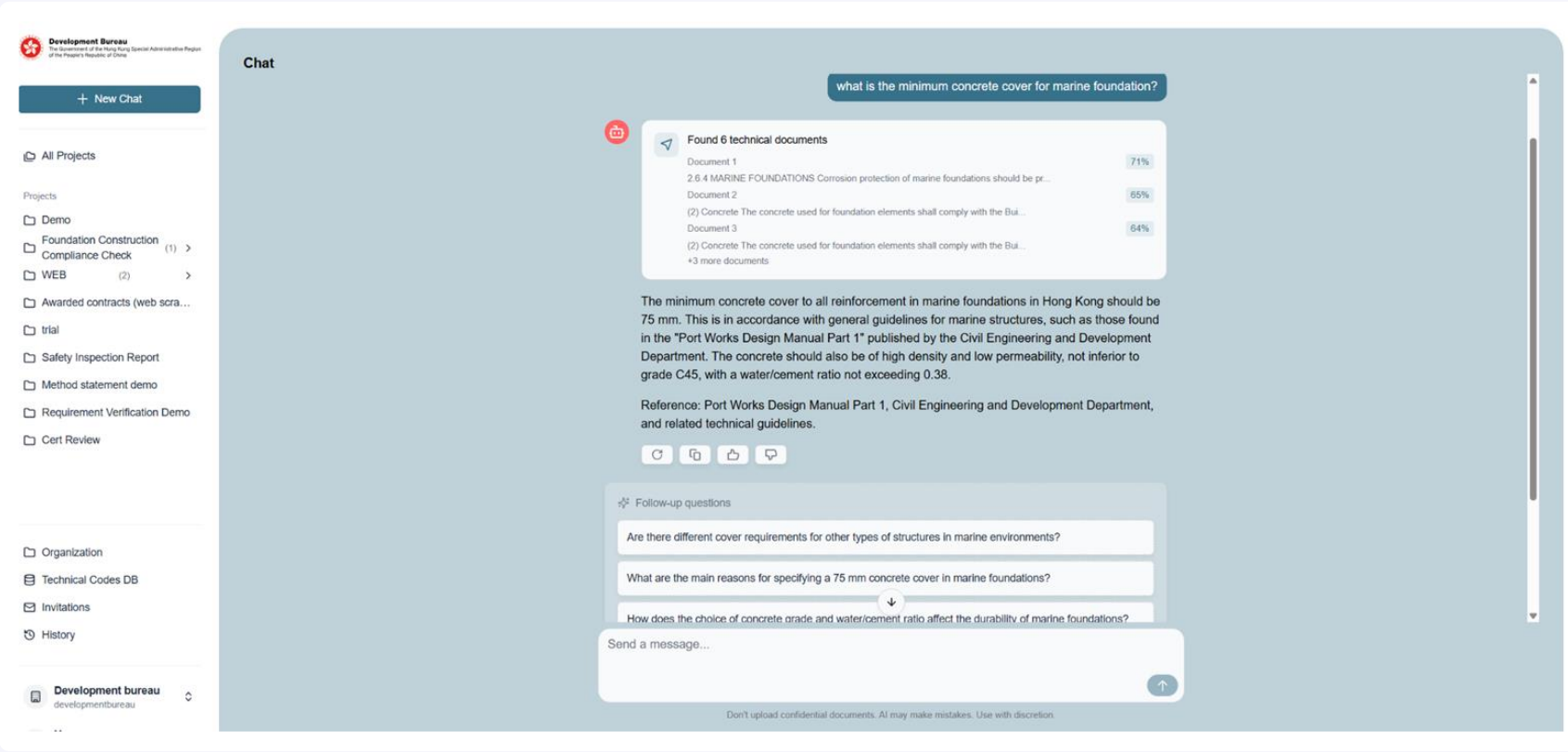
90%+

in retrieving relevant engineering requirements



Customer stories
Revolutionizing Hong Kong's
Construction Industry with AI

Engineering AI Agent platform for Development Bureau.





Development Bureau

The Government of the Hong Kong Special Administrative Region
of the People's Republic of China

Nov 2025

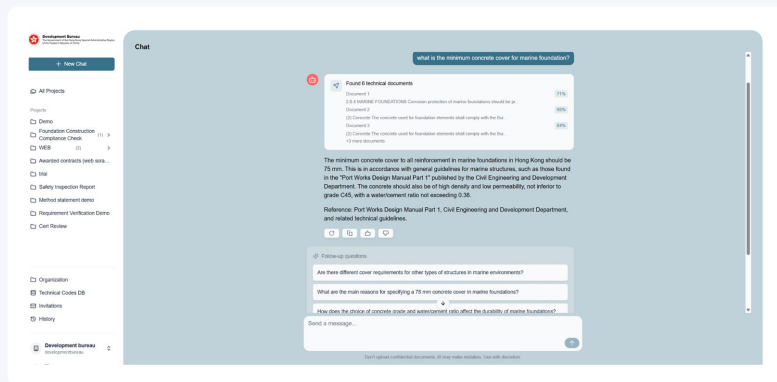
Dec 2025

Jan 2026

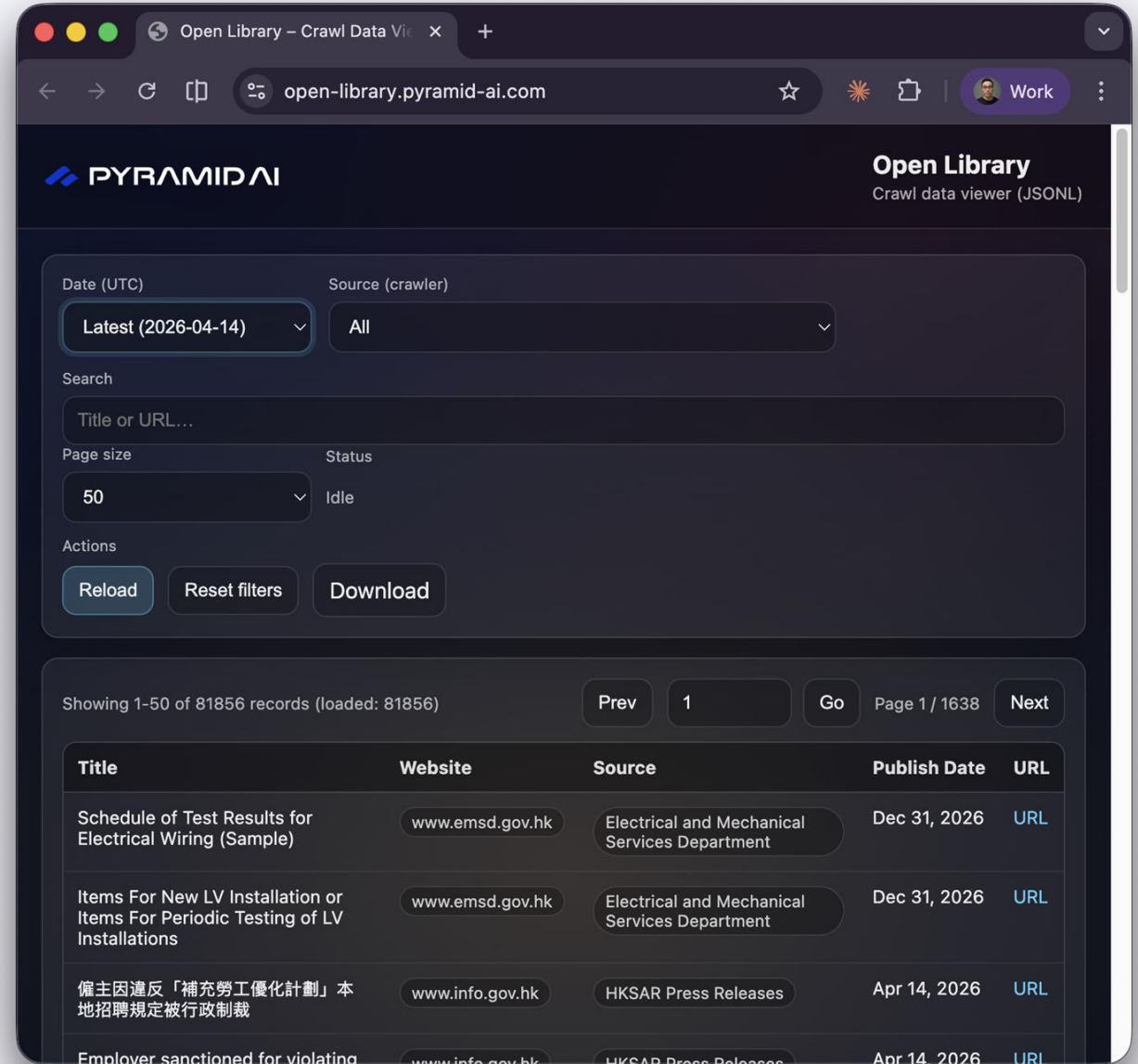
First working group formed

Released to team
@devb.gov.hk

Released to works branch
@archsd.gov.hk
@cedd.gov.hk
@dsd.gov.hk
@emsd.gov.hk
@epd.gov.hk
@hyd.gov.hk
@wsd.gov.hk



80,000+ live, daily-updated public industry codes, standards, safety, engineering, and government data, curated by engineers.



The crawled HK construction corpus, open to everyone.

The same engineer-supervised crawler that feeds Check and Ask is mirrored to a public read-only library. Browse, filter and link to every source we ingest — daily-refreshed, attribution-preserved.

82,099RECORDS · ALL
SOURCES**18**HKSAR
DEPARTMENTS
& BODIES**24h**REFRESH
CADENCE

SOURCES · LIVE COUNTS

HKSAR Press Releases	45,114	Telephone Directory	16,026	The Development Bureau	5,718
Legislative Council	5,150	Hong Kong Herbarium	3,348	Environmental Protection Dept	1,924
Civil Engineering & Development	1,464	Building Department	926	Electrical & Mechanical Services	593
Highways Department	351	Labour Department	338	Water Supplies Department	319
Transport Department	255	Architectural Services Dept	184	Drainage Services Department	182
Lands Department	156	Planning Department	31	Fire Services Department	20



New Brand



AI Assistant Platform For
Construction Industry Knowledge

+ New chat

RECENT

Key Changes in the Most Re...

Key Changes in the Most Re...

Recent Press Releases in th...

Types of Floodwater Storag...

Current Head of CEDD (Civil...

Who is CEDD organization o...

Historical Benchmark Contr...

Director of PSGO inquiry

Who is Joseph Lo

Easy steps for plastering a ...

2025 press release on light ...

Director of Drainage Service...

Unclear or incomplete user i...

Information about Joseph Lo

Site formation costs in publi...



Eva · Development B...

eva@pyramidai.io



AI Assistant Platform For
Construction Industry Knowledge

Hello there, Eva. How can I help you today?

Latest technical circular mandate & press release



List out all key changes on the most recently published codes, standards, and Technical Circulars.



Answered by **Project Assistant**



Below are the key changes from the most recently published Hong Kong codes, standards, and Technical Circulars:

1. Adoption of Artificial Intelligence (AI) Technology (DEVB TC(W) No. 3/2026)

- Mandatory AI Adoption:** Requires AI technology in consultancies (pre-tender estimate > \$15M) and works contracts (> \$30M) invited/tendered on or after 1 June 2026.
- Scope of AI Applications:** Includes design optimisation (e.g., for foundations and earth retaining structures), automated tender document checking, and information retrieval/reporting from Digital Works Supervision System (DWSS).
- Baseline Requirements:** Detailed in the "Inventory of Adopting AI in Capital Works Projects," covering generative design, parametric algorithms, automated documentation, and integration with BIM.
- Data Security:** Compliance with IT security policies and Personal Data (Privacy) Ordinance is required.
- Exemptions:** Possible on exceptional grounds by a D2 or above officer.
- Living Document:** The AI Inventory will be updated as technology evolves **1 2 4**

3

Send a message...



Don't upload confidential documents. AI may make mistakes. Use with discretion.

[Back to Sources](#)



Inventory of Adopting Artificial Intelligence (AI) Technology in Capital Works Projects for Technical Circular (Works) No. 3/2026

ID: bf0ea753-1118-4d4c-9a89-8bb21387c74e

Inventory of Adopting Artificial Intelligence (AI) Technology in Capital Works Projects for Technical Circular (Works) No. 3/2026				
Ref no.	Use Case	Background	Baseline Requirements	Outcome
AI-1	Design Optimisation (by AI or Robotic Process Automation (RPA))	Traditional design process remains heavily reliant on manual iteration and repetitive rule-based calculations, which is time consuming and only limited number of design options could be developed in a tight schedule, and often result in over-designed output. With the help of AI / RPA tools, time saving and free-up human resources can be allocated for more strategic, value-driven steering to achieve more cost-effective design outcome.	(In this issue, design of foundation and earth retaining structure are required to adopt to AI / RPA) 1. Incorporate prevailing design codes and standards applicable to the corresponding design discipline. 2. Employ generative design and / or parametric algorithms to produce and / or evaluate design options. 3. Identify non-compliance in design element(s) with explanation. 4. Enable communication across different design software and platforms. 5. Support open data exchange formats (IFC) to integrate with BIM platforms. 6. Facilitate automated documentation and reporting in design-related deliverables.	A "Design Optimisation Report" should be prepared to demonstrate how the design were enhanced by AI / automation, including the time saving and the enhanced utilisation rate ¹ after adopting AI / automation in the design cycle. The Report should be submitted as a deliverable under the consultancy agreement.
AI-2	Checking of Tender Document	Handling pages of tender documents when a design proceeds to construction is always time-consuming. In order to save manpower and work-hours, AI-assistant can automate the checking of tender documents against the standard provision and functional clauses. The project team can therefore spend more time to focus on project specific requirements which value most.	1. Establish a Retrieval-Augmented Generation (RAG) or equivalent framework to retrieve from a version-controlled knowledge library (with FAQs, memos, circulars, standard terms and conditions, etc). 2. Allow user to manage the content of the knowledge library when requirements and stipulations are published, updated or suspended. 3. Verify users' input and identify omission or non-standard provision with links to the source content for user's verification. 4. Enable importing and exporting function in workable formats (e.g. MS Word).	A summary should be prepared along with the completed tender document to demonstrate how the checking assistant involved, e.g. the completed document is checked against the knowledge library and complied with standard terms & conditions, etc. The summary should be submitted for Client's checking.

Page 1

Inventory of Adopting Artificial Intelligence (AI) Technology in Capital Works Projects

for Technical Circular (Works) No. 3/2026

Page 1

Ref no.	Use Case	Background	Baseline Requirements	Outcome
AI-1	Design Optimisation (by AI or Robotic Process Automation (RPA))	Traditional design process remains heavily reliant on manual iteration and repetitive rule-based calculations, which is time consuming and only limited number of design options could be developed in a tight schedule, and often result in over-designed output. With the help of AI / RPA tools, time saving and free-up human resources can be allocated for more strategic, value-driven steering to achieve more	(In this issue, design of foundation and earth retaining structure are required to adopt to AI / RPA) 1. Incorporate prevailing design codes and standards applicable to the corresponding design discipline. 2. Employ generative design and / or parametric algorithms to produce and / or evaluate design options.	A "Design Optimisation Report" should be prepared to demonstrate how the design were enhanced by AI / automation, including the time saving and the enhanced utilisation rate ¹ after adopting AI / automation in the design cycle. The Report should be submitted as a deliverable under the consultancy agreement.



Delightful use case

AI Assistant Platform For Construction Industry Knowledge

+ New chat

RECENT

Permanent Secretary for De...

有限空間內行人坡道坡度及中...

最新發展局相關新聞更新

行車道設計的最小轉彎半徑標...

行人坡道的最大允許坡度是多少

特定建築類型如學校和長者設...

Differences in riser height re...

Bearing Capacity of Catego...

Concrete Requirements for ...

Difference Between Propos...

Latest DEVB Policy Priorities...

Standard height of a stairca...

Latest Proposed Penalties a...

Minimum turning radius req...

Maximum Gradient Allowed ...

Bearing Capacity of Catego...

Concrete requirements for ...

Eva · Development B...

eva@pyramidai.io

<<

Who is the permanent secretary for DevB?

Answered by Project Assistant

HK Government Directory (5 candidates)

Ms. LINN Hon Ho, Bernadette, JP

Secretary for Development

2810 3961 sdev@devb.gov.hk

Ms. HO Pui Ling, Doris, JP

Permanent Secretary for Development (Planning & Lands)

3509 8803 pspl@devb.gov.hk

Ms. LO Shan Shan, Sandy

Personal Assistant to Permanent Secretary for Development (Planning & Lands)

3509 7803 pa_pspl@devb.gov.hk

Mrs. CHAN NG Ting Ting, Elina

Deputy Secretary for Development (Planning & Lands)2

3509 8818 dspl_2@devb.gov.hk

Mr. TSANG Chun Man, Frank, JP

Deputy Secretary for Development (Planning & Lands)

Send a message...

Don't upload confidential documents. AI may make mistakes. Use with discretion.

Government Telephone Directory

Telephone Directory of the Government of the HKSAR And Related Organisations

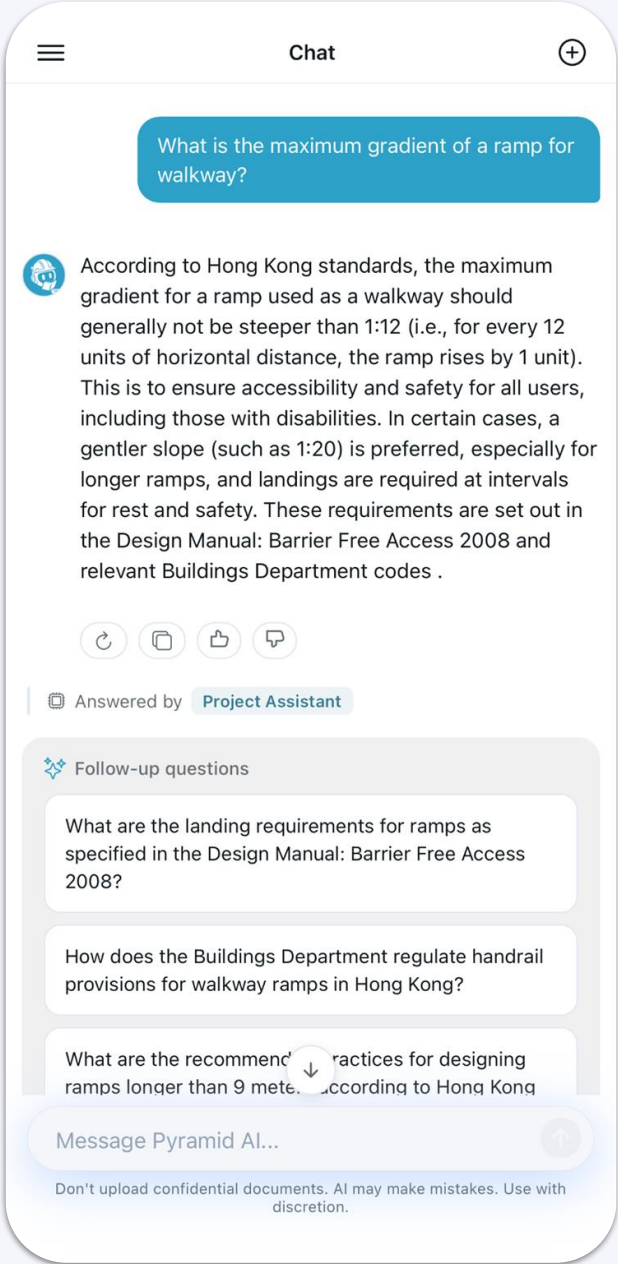
中文 A A Search by Name Search by Nature of Enquiry Full List

This is a website where you can search for most of the telephone numbers of officers and hotlines in respect of government bureaux / departments and related organisations.

Full Name	Ms. LINN Hon Ho, Bernadette, JP
Post Title	Secretary for Development
Bureau / Department / Related Organisation	Development Bureau
Office Tel	2810 3961
Fax	2151 5303
Email	sdev@devb.gov.hk
Office Address	18/F, West Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

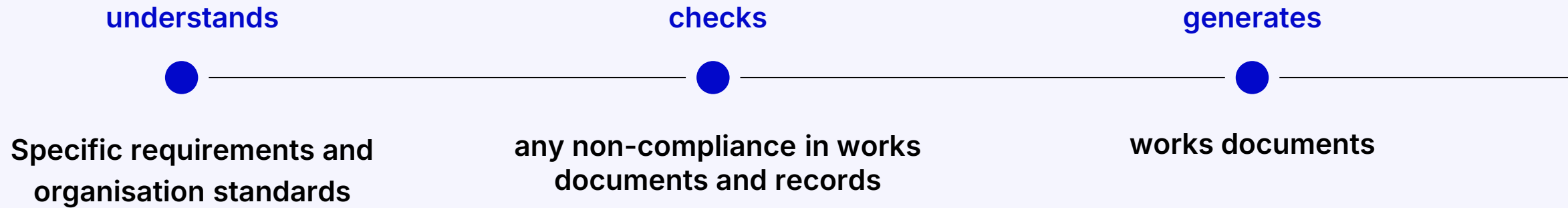
Remarks:
For those calling from places outside Hong Kong, please dial the area code "852" before the telephone number (not applicable to overseas offices).

Mobile app



Empower your team

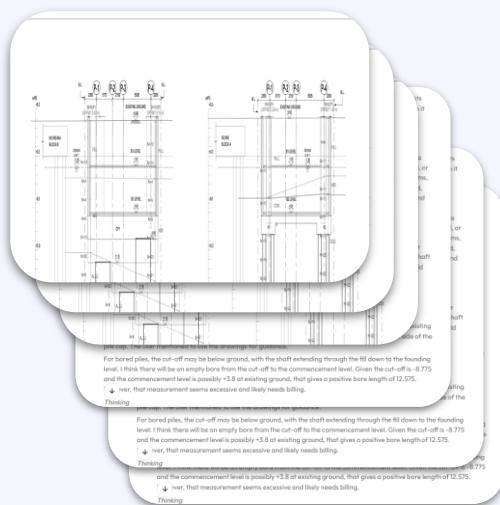
With AI workflow



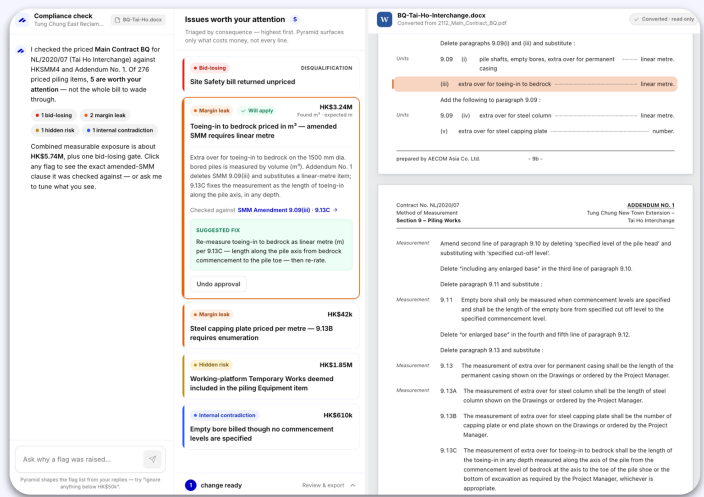
Agentic construction specialists
Catch non-compliance before it becomes risk or dispute

Pyramid AI reads every document and flags non-compliance before you submit, like a tireless expert who never misses a thing.

Upload or connect



Flag risks & re-draft

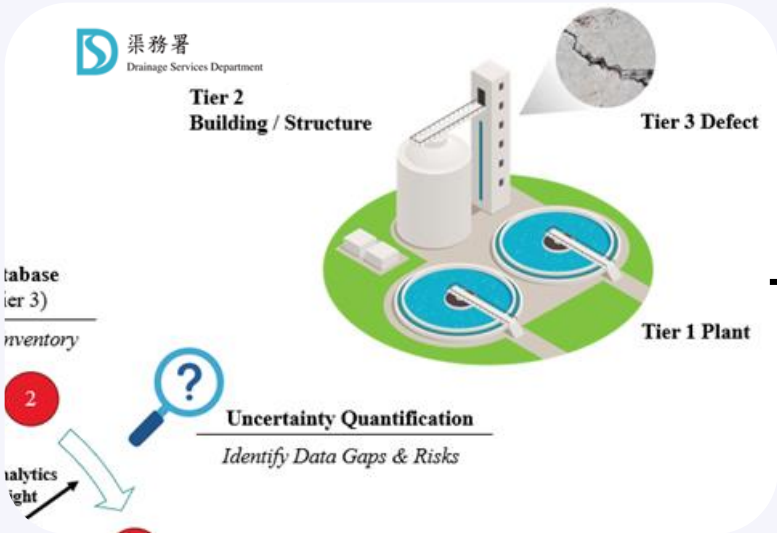


What other AI is brewing



3,000+ asset data

Self-checking assets



Return asset condition

Scheduled checking on assets for inspections & assessment

Table with multiple columns and rows, likely representing asset data. The table is titled "List of Assets (SIS, Sewerage, Treatment and Wastewater Treatment Facilities)". It contains columns for Asset ID, Asset Name, Asset Type, Location, and various technical specifications. The data is organized into several sections, each with a sub-header. The table is presented in a cascading, overlapping manner, suggesting a large volume of data.





AIS is a leader in delivering sustainable design, engineering, project & programme management, cost management, business advisory and consultancy solutions for the infrastructure, buildings and environmental markets.

Compliance Checking for Tree Preservations and Removal Proposal

Documents

500+

Ingested under Pyramid AI engineers supervision

Accuracy

85%+

Accuracy of answers retrieved

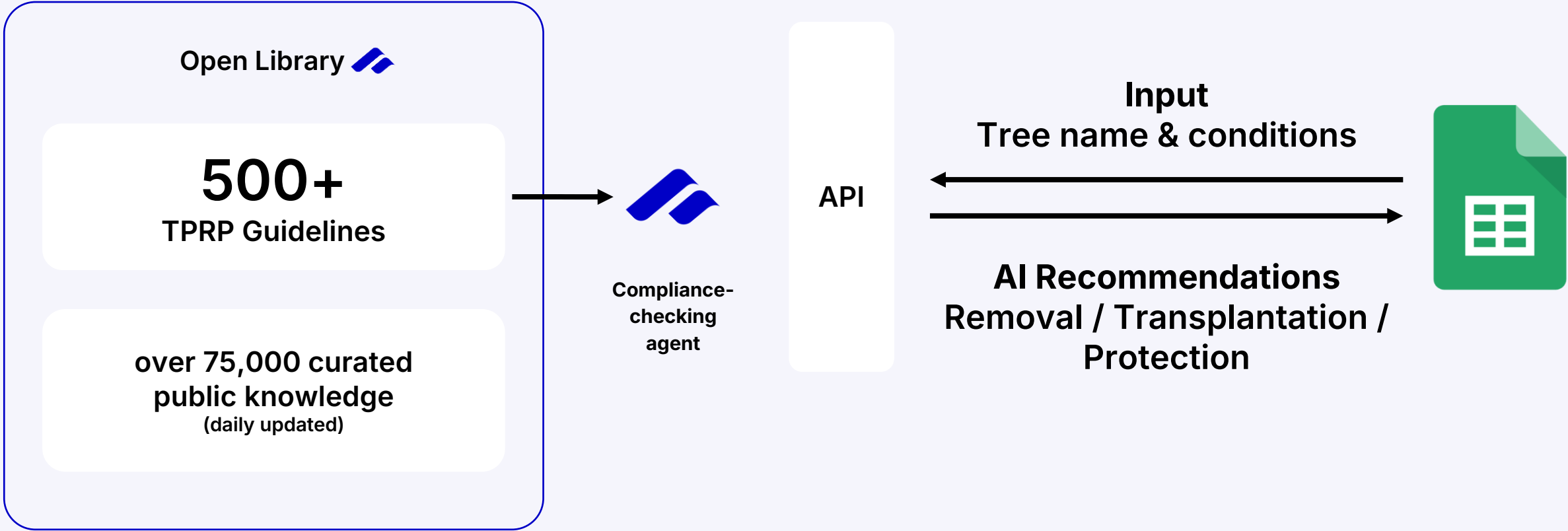
Time-saved

hrs -> mins

Reduction of time for checking



Compliance Checking for Tree
Preservations and Removal
Proposal



Compliance Checking for Tree Preservations and Removal Proposal

API connection to the tree assessment schedule (comprising hundreds of trees) allows for automated checking with a single click.

Tree Project API

File Edit View Insert Format Data Tools Gemini Extensions Help

Menus

100%

\$ %

123

Arial

10

B I A

<



Report with
executive
summary,
analysed image
of the potential
issues
highlighted.

STRUCTURAL SURVEY REPORT: Podium Substructure

Location:

Project: Podium Structure Survey

Date: December 19, 2025

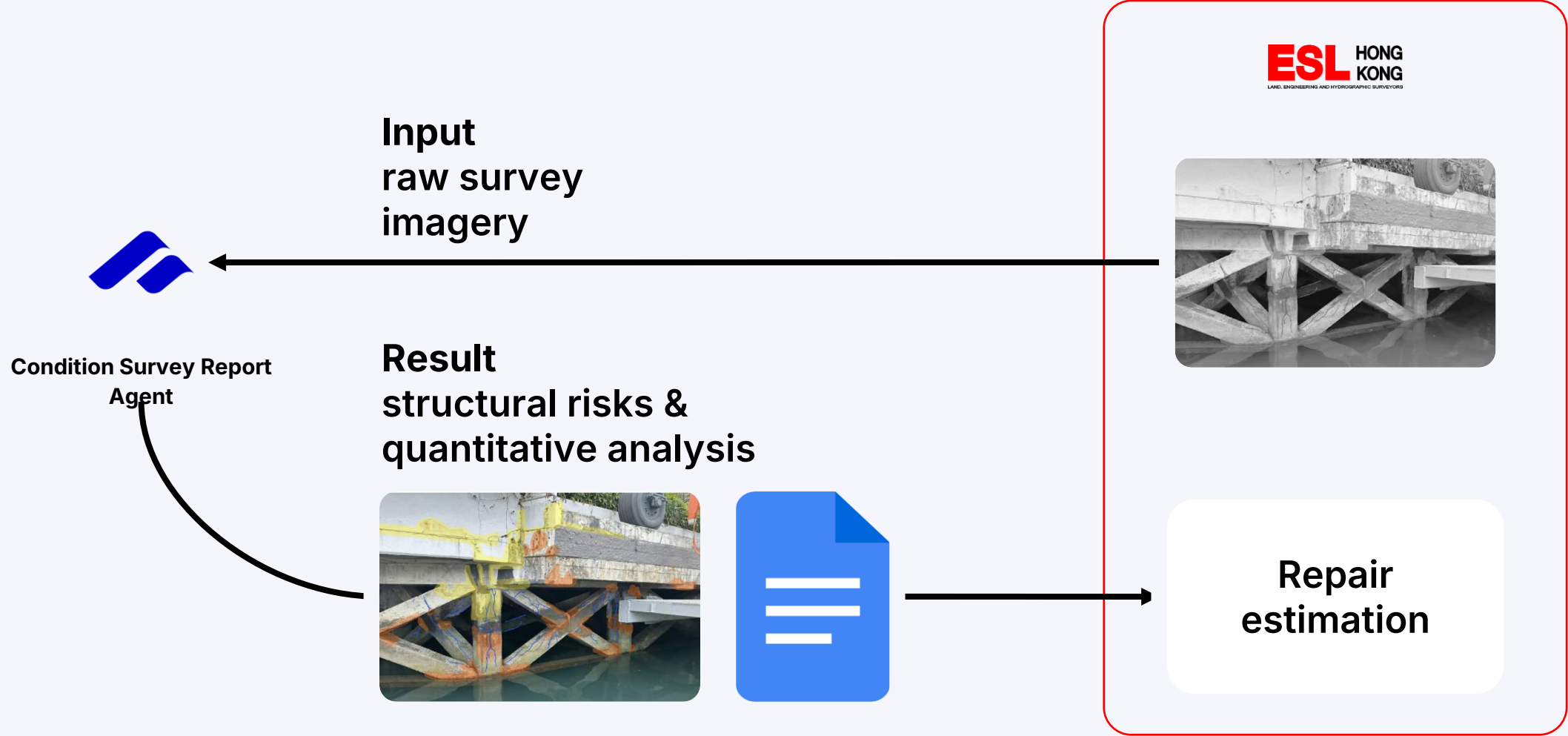
Reference ID: AMC-XXXXX

1. EXECUTIVE SUMMARY

This report details the findings of a structural condition survey of the podium substructure at the XXX. The inspection focused on the reinforced concrete support system located within the marine splash zone. The survey identifies significant progressive deterioration characterized by chloride-induced corrosion, longitudinal cracking, and concrete spalling. Immediate remedial action is recommended for critical zones to maintain structural integrity.

2. DAMAGE VISUALIZATION





Generates a
condition report
with quantitative
analysis and
recommendations.



3. QUANTITATIVE ANALYSIS

Based on a reference column width of 400mm, the following damages have been quantified:

Criteria	Visual Marker	Quantity	Severity
Total Crack Length	Blue Lines	4.50 Linear Meters	High
Missing Plaster/Render	Yellow Zones	0.75 sq/m	Moderate
Potential Issue Areas	Orange Zones	1.95 sq/m	Critical

4. DETAILED FINDINGS

- **Cracking (Blue):** Approximately 4.5m of longitudinal cracking is present. This is a primary indicator of "concrete bursting" caused by the expansion of internal rusted rebar. These are most prevalent at the diagonal bracing nodes.
- **Surface Failure (Yellow):** 0.75 sq/m of protective render has detached. While currently a surface issue, this allows saltwater to penetrate the porous structural concrete more rapidly.
- **Corrosion Zones (Orange):** 1.95 sq/m of "Potential Issue" areas show heavy rust staining. These areas likely contain delaminated concrete (hollow zones) that require removal and patching.

5. RECOMMENDATIONS

1. **Immediate:** Conduct a hammer-sounding survey to identify the full extent of delamination in the "Orange" zones.
2. **Short Term:** Clean exposed rebar to bright metal and apply a zinc-rich anti-corrosion primer.
3. **Long Term:** Apply marine-grade high-strength repair mortar and consider a silane-based water repellent coating or a Cathodic Protection system to arrest future salt-ingress.



What else can AI do for me?

Ask

Get answers about your project with references

Every answer is grounded in your documents

Master Agent (Auto-route) ▾

Context Types

- Master Agent (Auto)
- Safety
- Technical
- Project
- Site Diary

What is the concrete requirement for marine foundation?

Answered by Technical Assistant

Under Hong Kong's **Code of Practice for Foundations 2017**, the concrete requirement for a **marine foundation** is:

- Concrete grade must not be inferior to C45 ¹
- Concrete should be cast in dry condition as far as possible ¹
- If concrete is placed underwater, it should be assumed as grade C25 for design purpose ¹

Related durability requirement:

- The code also says **corrosion protection for marine foundations** should be provided in accordance with acceptable maritime design standards/codes, such as the **Port Works Design Manual Part 1** published by CEDD ²

If you want, I can also extract the **full clause 2.6.4** marine foundation requirements beyond just the concrete grade.

Found 2 technical sources

View Sources

Send a message...

GPT-5.4 ▾



Check
Catch non-compliance before it becomes risk or dispute

Review tenders, requirement specifications & construction documents

Compliance check

Tung Chung East Reclam... BQ-Tai-Ho.docx

I checked the priced Main Contract BQ for NL/2020/07 (Tai Ho Interchange) against HKSM4 and Addendum No. 1. Of 276 priced piling items, 5 are worth your attention — not the whole bill to wade through.

1 bid-losing

2 margin leak

1 hidden risk

1 internal contradiction

Combined measurable exposure is about **HK\$5.74M**, plus one bid-losing gate. Click any flag to see the exact amended-SMM clause it was checked against — or ask me to tune what you see.

Ask why a flag was raised...

Pyramid shapes the flag list from your replies — try "ignore anything below HK\$50k".

Issues worth your attention 5

Triaged by consequence — highest first. Pyramid surfaces only what costs money, not every line.

Bid-losing

DISQUALIFICATION

Site Safety bill returned unpriced

Margin leak

Will apply

Found m³ · expected m

HK\$3.24M

Toeing-in to bedrock priced in m³ — amended SMM requires linear metre

Extra over for toeing-in to bedrock on the 1500 mm dia. bored piles is measured by volume (m³). Addendum No. 1 deletes SMM 9.09(iii) and substitutes a linear-metre item; 9.13C fixes the measurement as the length of toeing-in along the pile axis, in any depth.

Checked against SMM Amendment 9.09(iii) · 9.13C →

SUGGESTED FIX

Re-measure toeing-in to bedrock as linear metre (m) per 9.13C — length along the pile axis from bedrock commencement to the pile toe — then re-rate.

Undo approval

Margin leak

HK\$42k

Steel capping plate priced per metre — 9.13B requires enumeration

Hidden risk

HK\$1.85M

Working-platform Temporary Works deemed included in the piling Equipment item

Internal contradiction

HK\$610k

Empty bore billed though no commencement levels are specified

1 change ready

Review & export

BQ-Tai-Ho-Interchange.docx

Converted from 2112_Main_Contract_BQ.pdf

Converted · read only

Delete paragraphs 9.09(i) and (iii) and substitute :

Units

9.09 (i) pile shafts, empty bores, extra over for permanent casing

linear metre.

(iii) extra over for toeing-in to bedrock

linear metre.

Add the following to paragraph 9.09 :

Units

9.09 (iv) extra over for steel column

linear metre.

(v) extra over for steel capping plate

number.

prepared by AECOM Asia Co. Ltd. - 9b -

Contract No. NL/2020/07

Method of Measurement

Section 9 – Piling Works

ADDENDUM NO. 1

Tung Chung New Town Extension – Tai Ho Interchange

Measurement

Amend second line of paragraph 9.10 by deleting 'specified level of the pile head' and substituting with 'specified cut-off level'.

Delete "including any enlarged base" in the third line of paragraph 9.10.

Delete paragraph 9.11 and substitute :

Measurement 9.11 Empty bore shall only be measured when commencement levels are specified and shall be the length of the empty bore from specified cut off level to the specified commencement level.

Delete "or enlarged base" in the fourth and fifth line of paragraph 9.12.

Delete paragraph 9.13 and substitute :

Measurement 9.13 The measurement of extra over for permanent casing shall be the length of the permanent casing shown on the Drawings or ordered by the Project Manager.

Measurement 9.13A The measurement of extra over for steel column shall be the length of steel column shown on the Drawings or ordered by the Project Manager.

9.13B The measurement of extra over for steel capping plate shall be the number of capping plate or end plate shown on the Drawings or ordered by the Project Manager.

9.13C The measurement of extra over for toeing-in to bedrock shall be the length of the toeing-in in any depth measured along the axis of the pile from the commencement level of bedrock at the axis to the toe of the pile shoe or the bottom of excavation as required by the Project Manager, whichever is appropriate.



duties, appointment, direct employment or deployment, conditions of employment and administration of Resident Site Staff in accordance with the Special Conditions of Employment, including the part of Schedule of Fees relating to RSS and the Schedule of Standards and Duties.

supervise the works on site comprising watching, inspecting and maintaining records and providing information to the Engineer and the preparation of interim and final certificates, settlement of Contractors' claims and as-constructed drawings

responsible for ensuring that the contractors' temporary works are carried out in a safe and timely manner, and in compliance with the contract.

the instructions of the Consultants for the execution of the duties under the terms of the contracts and as delegated in writing by the Engineer for the

submit to the DR for approval the proposed RSS establishment and the recruitment process. The Consultants shall submit the RSS organisation at half-yearly intervals with reference to its size and strength as well as staff cost projection.

If the Labour Relation Officer (LRO), the Consultants shall, within 14 days after the commencement of the Contract, or as the case may be, within 14 days after the DR of his disapproval of employment of any person as LRO, submit the name and particulars of the person they intend to employ as the LRO to the DR. The Consultants shall furnish further information within 7 days of the DR if required by the DR.

The assistance and facilities for Contract Advisers, Construction Advisers and also the staff of Audit Commission and the ISO 9001 and the standards in performing their duties in respect of auditing. The RSS shall also conduct an environmental audit, prepare and submit the audit reports, and follow up actions for the works contracts pursuant to the EMS.

be provided with free uniform for the RSS under the works contracts. The Consultants shall ensure that RSS, except those who are not involved in

ment Bureau (Works Branch)
ment Handbook for Direct Employment of Resident Site Staff by Consultants for Works Projects

Your tender
hundreds of
pages

Governing corpus
80,000+ codes



3. The establishment, duties, appointment, direct employment or deployment, remuneration, conditions of employment and administration of Resident Site Staff (RSS) shall be in accordance with the Special Conditions of Employment, including the related Appendices and the part of Schedule of Fees relating to RSS and the Schedule of Resident Site Staff Standards and Duties. 95%

4. RSS are engaged to supervise the works on site comprising watching, inspecting and measuring works, maintaining records and providing information to the Engineer and the DR for the preparation of interim and final certificates, settlement of Contractors' claims and preparation of as-constructed drawings. The RSS shall be responsible for ensuring that the contractors' temporary works are carried out in a safe and timely manner, and in compliance with the contract. RSS will carry out the instructions of the Consultants for the execution of the duties under the terms of the contracts and as delegated in writing by the Engineer for the contracts. 95%

6. For the employment of the Labour Relation Officer (LRO), the Consultants shall, within 14 days of commencement of the Contract, or as the case may be, within 14 days after being notified by the DR of his disapproval of employment of any person as LRO, submit the name and particulars of the person they intend to employ as the LRO to the DR for his approval. The Consultants shall furnish further information within 7 days pertinent to the employment of such person if required by the DR. 95%

Review

1. Under Clause 25(iv) of the General Conditions of Employment as amended by sub-clause (A)(iv) of Clause SCE7 of the Special Conditions of Employment, the Consultants shall report all delays to the DR within 14 days of the delay being identified.

2. The Consultants shall use their best endeavours to chase the contractors for timely submission of all required details and



3. The establishment, duties, appointment, direct employment or deployment, remuneration, conditions of employment and administration of Resident Site Staff (RSS) shall be in accordance with the Special Conditions of Employment, including the related Appendices and the part of Schedule of Fees relating to RSS and the Schedule of Resident Site Staff Standards and Duties. 95%

4. RSS are engaged to supervise the works on site comprising watching, inspecting and measuring works, maintaining records and providing information to the Engineer and the DR for the preparation of interim and final certificates, settlement of Contractors' claims and preparation of as-constructed drawings. The RSS shall be responsible for ensuring that the contractors' temporary works are carried out in a safe and timely manner, and in compliance with the contract. RSS will carry out the instructions of the Consultants for the execution of the duties under the terms of the contracts and as delegated in writing by the Engineer for the contracts. 95%

6. For the employment of the Labour Relation Officer (LRO), the Consultants shall, within 14 days of commencement of the Contract, or as the case may be, within 14 days after being notified by the DR of his disapproval of employment of any person as LRO, submit the name and particulars of the person they intend to employ as the LRO to the DR for his approval. The Consultants shall furnish further information within 7 days pertinent to the employment of such person if required by the DR. 95%

Review

1. Under Clause 25(iv) of the General Conditions of Employment as amended by sub-clause (A)(iv) of Clause SCE7 of the Special Conditions of Employment, the Consultants shall report all delays to the DR within 14 days of the delay being identified.

2. The Consultants shall use their best endeavours to chase the contractors for timely submission of all required details and

Reads your documents and
retrieves the exact codes,
standards, and clauses that
govern this specific project.

The Consultants shall submit to the DR for approval the proposed RSS establishment and RSS Manual prior to commencing the...

AI JUSTIFICATION

The tender requires submission of RSS organisation reports at half-yearly intervals, whereas the handbook mandates quarterly review and submission of the RSS Manual for acceptance by the managing department.

HANDBOOK EVIDENCE

6.2.1 ...prepare and review RSS Manual quarterly for acceptance by the managing department... The Consultant shall also submit reports on RSS organisation at half-yearly intervals...

RSS ESTABLISHMENT PROPOSAL BY THE CONSULTANT
(p. 16-18) View source text

☒ RSS ESTABLISHMENT PROPOSAL BY THE CONSULTANT The Consultant shall submit to the DR for approval the proposed RSS establishment and RSS Manual prior to commencing the... for each works contract, considering the nature, scope, and complexity of the projects, and submit the proposal for acceptance by the managing department.

☒ RSS ESTABLISHMENT PROPOSAL BY THE CONSULTANT The Consultant shall submit to the DR for approval the proposed RSS establishment and RSS Manual prior to commencing the... organisation structure, periods required, estimated costs, hours, leave entitlements, and justifications for the proposed RSS establishment.

☒ RSS ESTABLISHMENT PROPOSAL BY THE CONSULTANT The Consultant shall submit to the DR for approval the proposed RSS establishment and RSS Manual prior to commencing the... proposal for acceptance by the managing department. The Consultant shall also submit reports on RSS organisation at half-yearly intervals... significant changes.

Reasons like an engineer
— then re-checks its own
work before surfacing a
flag, so only what
survives reaches you.
Returns the five flags that
matter, each with a
confidence score,
justification, and cited
source.



Agents

Construction specific agents

 PYRAMID AI

+ New chat

 Projects

 Compliance

RECENT

Latest Key Changes in Tech...

Concrete Requirements for ...

Recent Safety News Highlig...

Key Changes in the Most Re...

BQ Compliance Checker Ins...

Concrete Requirements for ...

List of All Press Releases



Eva

eva@pyramidai.io

Change photo

 Agents and Tools

 Dashboard

 Switch organization

 Create organization

 Settings



CATEGORIES

All Agents (27)

Available (8)

Frequently Used (3)

Design (4)

Construction (9)

Contract & Commercial (2)

Life Cycle Review (3)

Operational Readiness (3)

International Codes (3)

Specialized AI Agents



Compliance

Certificate Compliance Review

Manage and verify certificate compliance for your projects.



Construction

Cost Management

Manage project cost estimates and financial tracking.



Construction

Method Statement Creator

Generate comprehensive method statements for construction projects.



Life Cycle Review

Requirement Verification

Verify project requirements and compliance with AI assistance.



Safety

Safety Assistant

Chat about safety regulations and compliance with multimodal support.



Codes

Singapore Technical Codes

Search and chat about Singapore technical codes.



Beyond checking, AI further GENERATES compliant
works document for your team



MethodForge AI

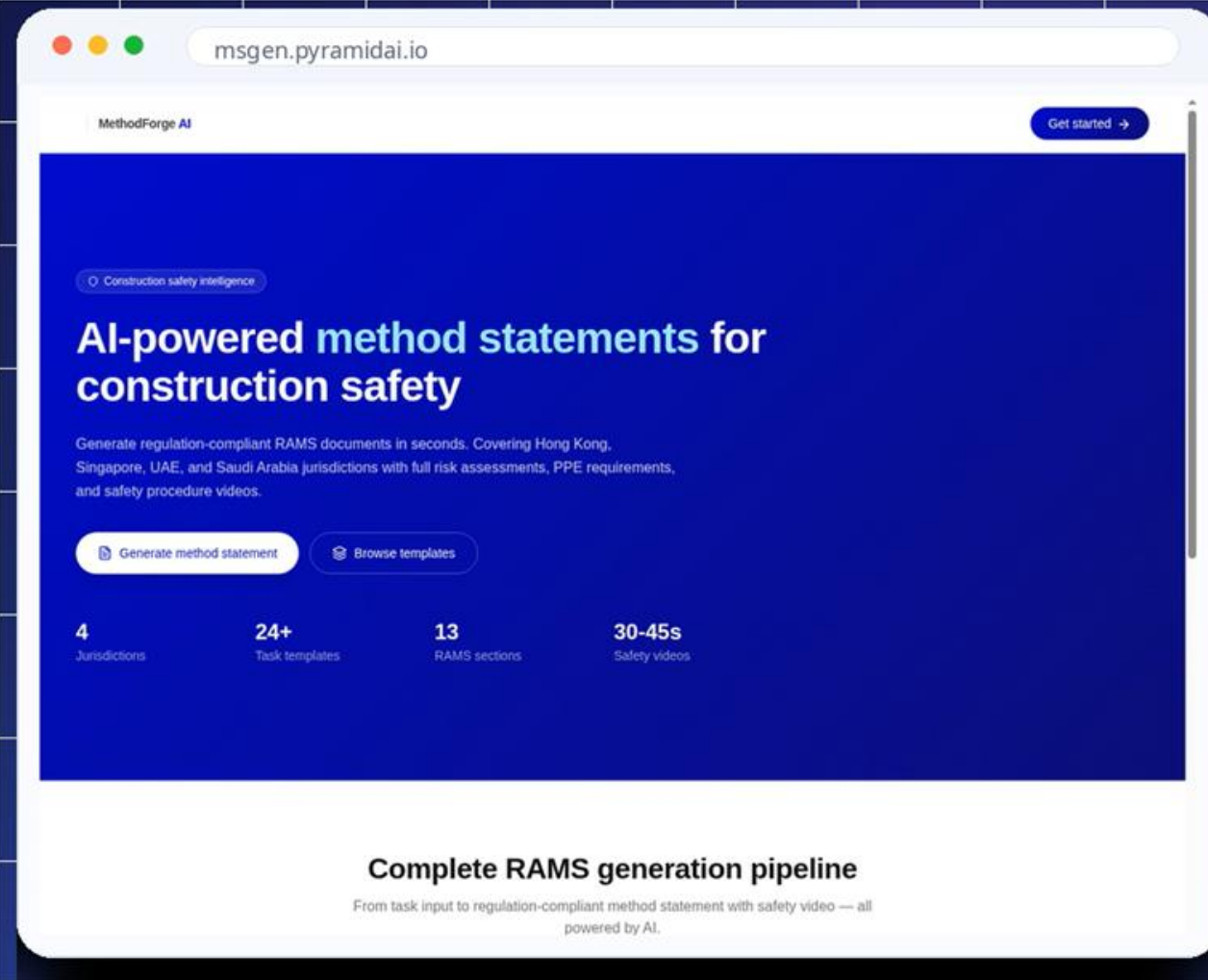
AI-powered method statement generation

Built for Hong Kong construction teams
msgen.pyramidai.io

Hong Kong

RAMS

AI Workflow



toolbox-talk generator

Enhancing workforce safety knowledge with ease.

Safety officers



Toolbox Talks

Preventing Struck-by Object Incidents

This topic is chosen due to the medium risk associated with unstable stacking of metal rods and planks can lead to serious injuries if they fall or move unexpectedly.

Key Points:

- Unstable stacking of metal rods and planks can lead to falling objects.
- Falling objects pose a risk of injury to workers below.
- Improper securing of materials increases the risk of movement and accidents.

Safety Procedures:

- Ensure all materials are stacked in a stable manner.
- Use appropriate securing devices like straps or nets to prevent movement.
- Regularly inspect stacked materials for stability and adjust as necessary.
- Train workers on proper stacking techniques and the importance of securing materials.

Preventing struck-by object incidents is crucial for worker safety. By ensuring stable stacking and proper securing of materials, we can significantly reduce the risk of injuries from falling objects. Regular inspections and training are key to maintaining a safe work environment.

Enhancing Barrier Stability

This topic addresses the medium risk of inadequate temporary barriers, which may fail to protect against falling elements or debris, posing a safety risk to workers.

Key Points:

- Temporary barriers may be too lightweight to withstand external forces.
- Inadequate barriers can lead to debris entering work areas, risking injury.
- Regular checks are necessary to ensure barrier stability and effectiveness.

Safety Procedures:

- Reinforce barriers with more robust materials to ensure stability.
- Conduct regular inspections to check the integrity and stability of barriers.
- Ensure barriers are properly anchored to withstand wind and other forces.
- Educate workers on the importance of maintaining barrier integrity.

Enhancing barrier stability is essential to protect workers from external elements and debris. By reinforcing barriers and conducting regular inspections, we can ensure a safer work environment. Proper anchoring and worker education are vital components of this safety measure.

Your department has a version of this.

Drainage Services Department

**Finding relevant technical
information instantly across
thousands of documents**

Hospital Authority

**Auditing documents against
occupational safety & health
regulations**

Labour Department

**Checking form submissions and
running analysis at scale**

Early conversations. Different domains. The pattern is identical — too much knowledge, too little time, too much at stake to get it wrong.



Deployment

Two ways to roll out - works in parallel

Ready

Deploy in days

Publicly available documents
(e.g. policy, regulations)

*Get internal user feedback. Perfect
the workflow with quick iterations*

Successfully deployed

DCI / on-prem

Sensitive documents

Protected confidential data



**Empower your team
with AI that reads,
checks, and clears
documents on its own**



chat with eva@pyramid-ai.com

