WOH HUP
BUILDING WITH INTEGRITY

Project Quality Audit

Project: Tengah garden walk (TGW)

Audit Date: 30-Aug-2023

Audited by: Tan Hui Qi

Trade 1 (10%)	Trade 2 (10%)	Observation Follow-up (10%)	PQA Follow-up (10%)	RFWI Records (10%)	Finding (50%)	**Overall Score** *(pro-rated)*
10	8.75	10	7.5	NA	30.83	**74.53**

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1	**Trade:** Lightweight Panel		**Location:** B1 Zone A, L2 Zone D	
S/N	Audit Items	Conform	Site Findings	Weightage (10%)
1.1	Latest approved drawing	Yes	Approved with comments, resubmissio...	10
1.2	Approved material(s)	Yes		10
1.3	Approved method statement	Yes		10
1.4	Test report submission (pass)	Yes		10
1.5	Trade demo / GPT conducted	Yes		10
1.6	Trade book	Yes		10
1.7	Critical check implemented	Yes		10
1.8	Common check implemented	Yes		10
			Score	**10**

2	**Trade:** Tile Installation		**Location:** Tile Installation	
S/N	Audit Items	Conform	Site Findings	Weightage (10%)
2.1	Latest approved drawing	Yes		10
2.2	Approved material(s)	Yes	Approved with comments, resubmissio...	10
2.3	Approved method statement	No	Pending submission to consultant	0
2.4	Test report submission (pass)	Yes	Approved with comments, resubmissio...	10
2.5	Trade demo / GPT conducted	Yes		10
2.6	Trade book	Yes		10
2.7	Critical check implemented	Yes		10
2.8	Common check implemented	Yes		10
			Score	**8.75**

3	**Follow-up on site QA/QC Observations:**(select 3 from previous month to verify)			
S/N	Observation	Close	Remark	Weightage (10%)
3.1	PSR-OBS-0069	Yes	JOYWAY - Drilling and planting of rebar on slab w/ embedded conduits	5
3.2	PSR-OBS-0070	Yes	GUTHRIE - No protection of KO boxes after installation	5
3.3	PSR-OBS-0071	Yes	JOYWAY - Water seepage due to delayed grouting for PBU	5
			Score	**10**

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4	Follow-up on last month PQA findings					Weightage (10%)
4.1	Total Findings	: 8	Yes : 5	Partial: 2	No : 1	NA: 0	**7.5**

5	Verification - RFWI records (Scanned copy/Digital archive) - (NA)					Weightage (10%)
5.1	*Structural: (NA)* Total Findings	: 0	Yes : 0	No: 0	NA: 0	-
	Remark:					
5.2	*Architectural: (NA)* Total Findings	: 0	Yes : 0	No: 0	NA: 0	-
	Remark:					
5.3	*MEP: (NA)* Total Findings	: 0	Yes : 0	No: 0	NA: 0	-
	Remark:					
					Score	-

6	Vertication Of Pre-Award Safety Evaluation				Weightage (--%)
6.1	Total Award : 2	Yes : 0	No : 2	NA: 0	-
6.2	Remark: Awarded Subcontractor: 1. Vantage Concept Pte Ltd 2. TTJ Design and Engineering Pte Ltd No signature is found for both Pre-Award Safety Evaluation Form, under field of Reviewer's 2 (by Project Manager).				

7	Site findings - detailed report (next page)	Weightage (50%)
	Score	**30.83**

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S/N	Findings	
1	B1 Zone A, L2 Zone D - Inconsistent provision of brackets for connection between dyntek stiffener and ALC panel. To ensure compliance with detail, sufficient and correct numbers of ties (top, bottom, sides) to be provided at the respective locations as required.	*Severity:* 2 *Frequency:* 2 *Points:* 20
2	JOE Green panels joints exposed to weather at the current stage and thus prone to water seepage from the joints. To check for stagnant water within and release from the hollow core as required later on. To check for stagnant water within and release from the hollow core as required later on. To check for stagnant water within and release from the hollow core as required later on Testing nt water within and release from th le llow core as required later on. check for stagnant w te w in and release fro	*Severity:* 0 *Frequency:* 0 *Points:* -
3	Blk 18, Level 5 - Surface of splatterdash on the balcony wall appears to be quite smooth, without sufficient roughness for proper bonding to subsequent layer. May lead to hollowness of the plastering / skimcoat.	*Severity:* 2 *Frequency:* 1 *Points:* 40
4	B2 - Gap between door frame and dyntek stiffener were filled up with AAC block to make up the big gap. Door frame brackets were observed to be secured to the AAC blocks, which is a concern as AAC blocks are non-load bearing, potentially posing as a safety concern.	*Severity:* 3 *Frequency:* 1 *Points:* 30

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5	B2 - Additional aluminium plate attached to drywall frame, which differs from original detail where a hollow section support is present. May cause a compromise on the integrity of the drywall frame, as it may not be designed for additional load. To verify suitability and obtain approval. 	*Severity:* 2 *Frequency:* 3 *Points:* 10
6	B2 - Rubbish and debris found within the cistern compartment. To clear the debris and call for inspection clearance prior to closure. 	*Severity:* 1 *Frequency:* 1 *Points:* 45
7	B1 Zone A - Absence of mesh observed at upper half height of ALC panel, which may lead to formation of cracks on the finishes eventually. Recommended for mesh to completed in one operation after the installation of the panels, to avoid missing out. 	*Severity:* 1 *Frequency:* 2 *Points:* 40