

SHENG TAI CONSTRUCTION PTE LTD



COMPANY PROFILE

10 Admiralty Street, #05-78 North Link Building, Singapore 757695

Email: shengtaiconstruction@gmail.com

Established in 2023, Sheng Tai Construction Pte Ltd is a home-grown building construction company focusing on the **aluminium, structure steel and stainless steel works**. From a humble beginning, the company has established its credentials as a reputable contractor, nurturing from strength to strength to formulate a team of administrative and technical staffs, capable in its respective field of construction expertise and construction support service capabilities.

Sheng Tai constantly strives to offer high quality construction services through total commitment to customer satisfaction, professional skillsets and technology innovation.

Private & Public



Alum Window/Door
& Facade



Structure Steel



Stainless Steel

1

Project Track Record



1. Projects Track Record – On going

	Project Title	Scope of Work	Contract Value	Remark
1	Food Factory at Tai Seng. Free hold, 12 storey building.	Supply and install alum window, door, façade, louver. Supply and install steel staircase, railing, canopy with roofing.	\$1.35 M	 <p>Residential Building with a 8-Storey Carpark (Total 636 Dwelling Units)</p>
2	Nursing Home at Sengkang	Supply and install alum partition and louver. Supply and install staircase railing.	\$230K	
3	HDB BTO at Hougang	Supply and install alum panel, louver and linkway roofing. Supply and install staircase railing and grating.	\$650K	
4	Covered Linkway connected to POB	Supply and install alum panel and linkway roofing. Supply and install staircase metal railing and stainless steel railing.	\$600K	

2. Projects Track Record – Completed

	Project Title	Scope of Work	Contract Value	Remark
1	HDB BTO SBW N2C1&2	Supply labour and install alum panel, louver. Supply labour and install staircase, railing, covered linkway with roofing, grating, MSCP crash barrier and railing.	\$1.5 M	
2	Grand Hyatt Covered Linkway	Supply and install structure steel linkway with roofing. Supply and install metal staircase.	\$160K	
3	Condo Show Flat at Sin Ming Road	Supply and install alum work	\$90K	
4	The M Condo at Bugis	Supply labour and install alum hollow section with perforated panel	\$230K	
5	HDB BTO Tampines N9C18	Supply labour and install structure steel linkway and catwalk	\$130K	

3. On Going Projects – Food Factory @ Tai Seng



Food Factory

Freehold

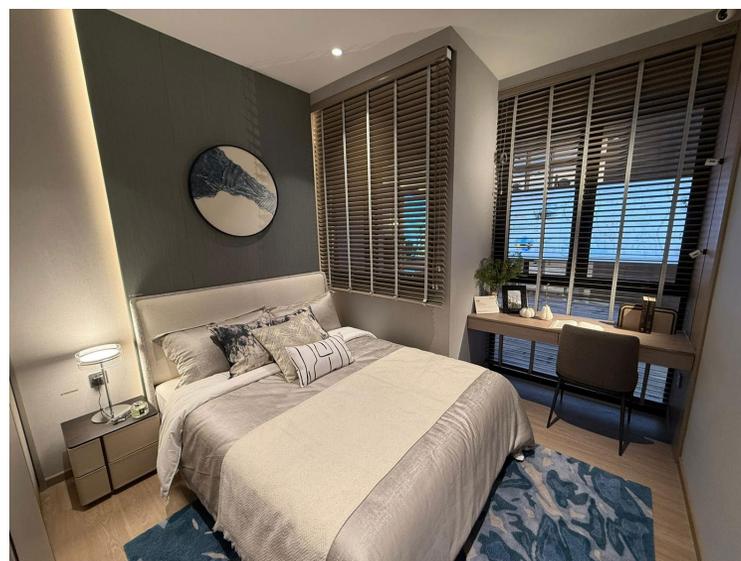
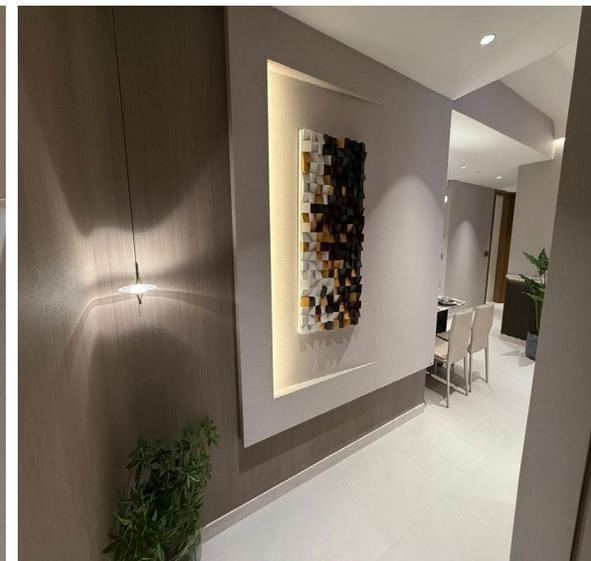
12 Storey

Near Tai Seng

MRT

4. Completed Projects: Condo Show Flat Alum Work

Condo Project Show Flat



5. Completed Projects: Condo Show Flat Alum Work

Condo Project Show Flat



An architectural rendering of a modern building's entrance. The scene features a large, multi-story structure with a prominent waterfall wall on the left side. The ceiling is composed of horizontal wooden slats, and a large, rectangular skylight is positioned in the center. The ground is paved with grey bricks. A woman is walking on the left, and a man is standing near the entrance. A dark grey sports car is parked on the right. The overall atmosphere is clean and contemporary.

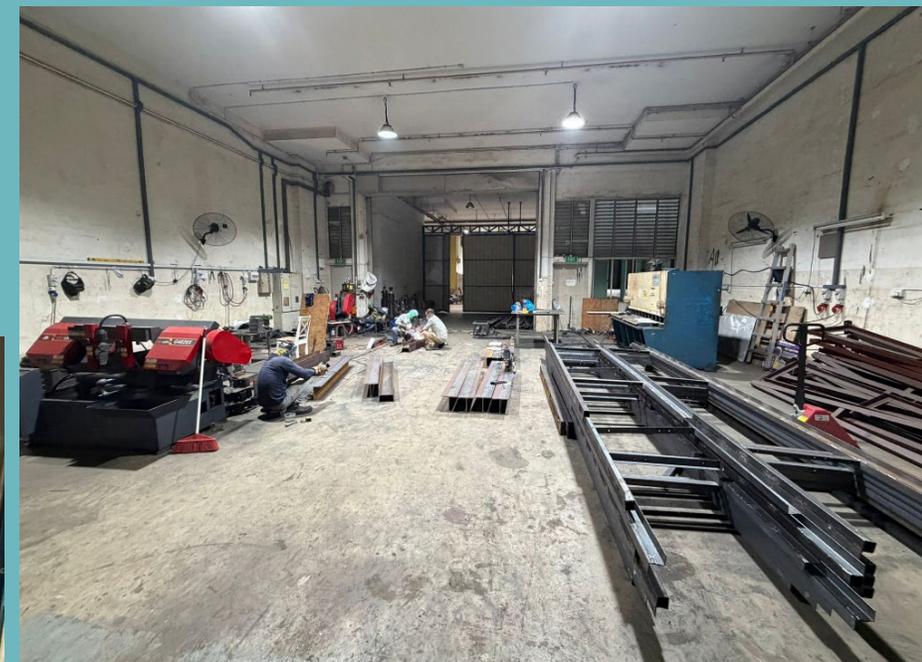
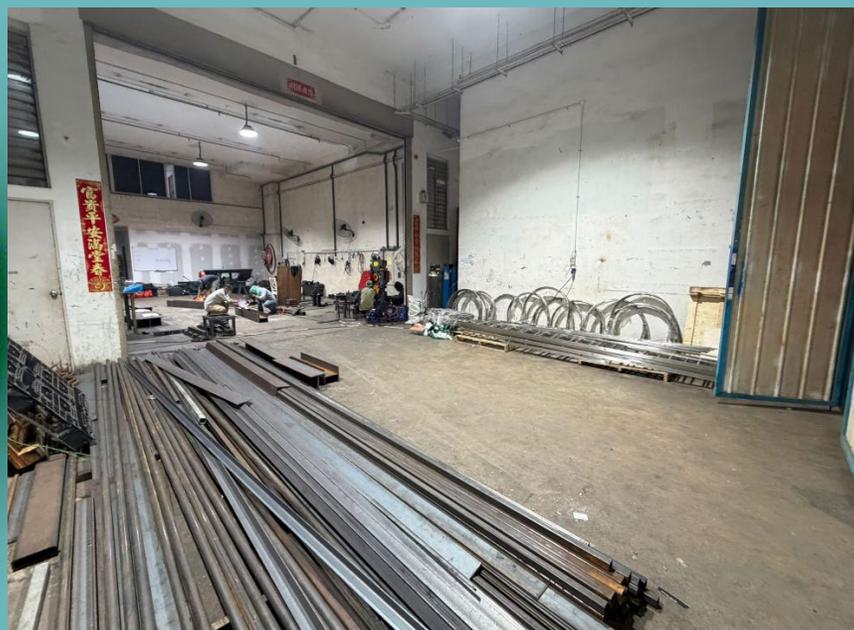
2 . Local Factory Capability

Local Factory Capability

10 Admiralty Street, North Link Building

3000 sf Local factory with office

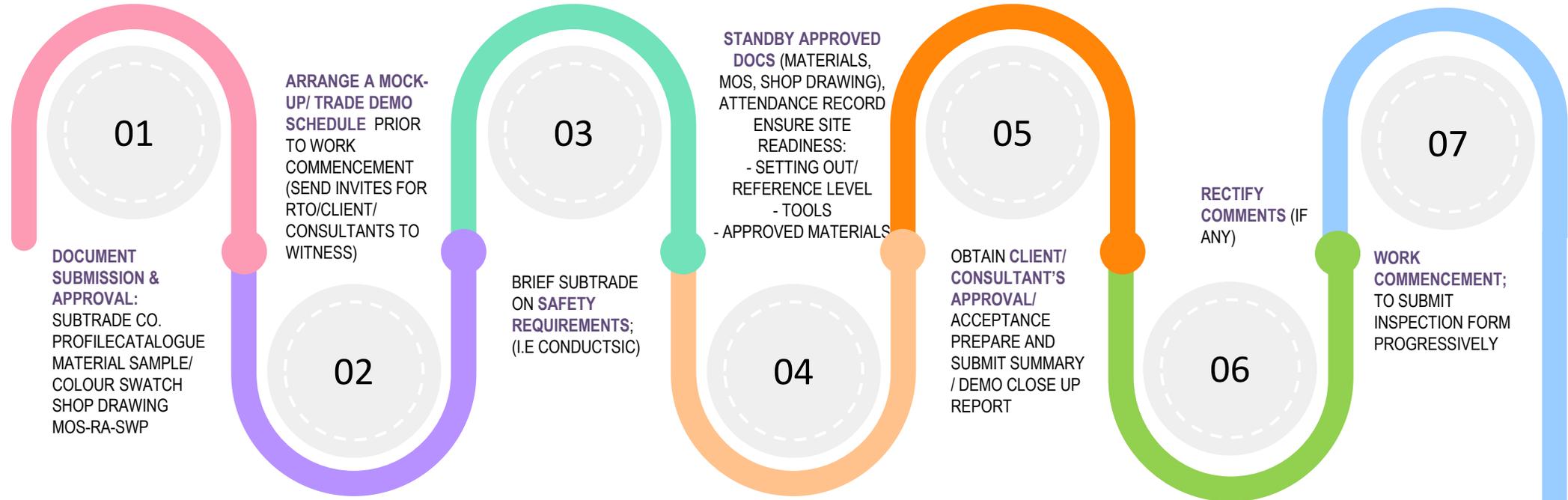
- Store and standby raw material
- Timely fabrication for urgent items





3 . Quality Management System

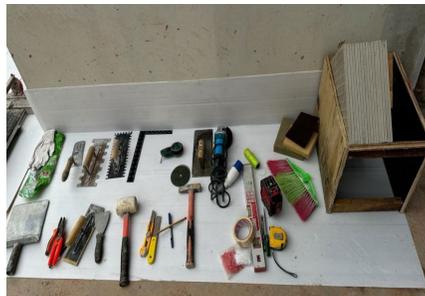
7.1 Quality Assurance



Insulation Method Verification for Water Proofing (PPVC Factory) (Project only)

Project Name / ID	408 679 WLNLS C24		
Main Contractor	BGC Construction Pte Ltd		
Site Coordinator	Tan SGC Seng		
Waterproofing Contractor	BGC Construction Pte Ltd	SGI Accreditation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Name of Assessor	Philip SGC Seng	Date of assessment	2 Feb 2022
Location	Bld 508A, level 8, unit 203 & 205 PBL		
PPVC Product details:	Makrolit 1000 Membrane sheet		
Notes:	For RA, please refer to the notes.		

Site	Process	Information to be provided by contractor	SGI Verification (Presence)	Remarks (By SGI Assessor)
1.0	Surface preparation			
1.1	Standard Preparing wall: Prep work should be conducted on bare concrete and 10-15 mm.	Method of Surface Preparing (by HSE/SGI Assessor)	OK CHG OK CNA	Not Required
	SGI/SGS check concrete surface is even enough seen visually if there is structural protrusion only.		Yes/No	
1.2	Is the substrate surface properly finished? Surface preparation such as chisel, wire brush, wire wheel and crack seal is required. The wall appropriate materials shall be applied on the waterproofing system.		OK CHG OK	
	Is substrate free from sharp protrusion like nails, bolts and concrete lumps that may tear or crack through the water proofing system?		Yes/No	



7.2 Quality Control & Inspection

Quality Meeting / CONQUAS Meeting

- Communicate TSB's project quality objectives
- Review on quality standard / standard of workmanship
- Engage Subcontractor on method/ productivity and defects reduction

Trade Demo / Mockup

- Establish acceptance criteria of method and quality standard / workmanship

Quality Control / Inspection

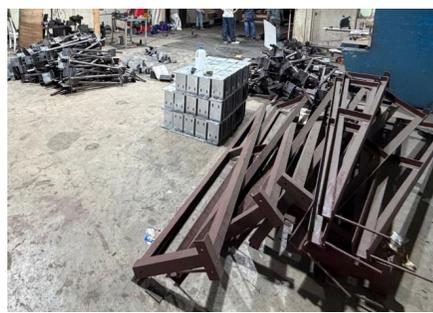
- Off-site testing and inspection
- Receiving, in-process and completion of works inspection
- Control of non-conformance

Corporate Quality Inspection

- Inspection by corporate quality team
- To engage Subcontractors and raise their performance

Performance Evaluation

- Evaluation of performance and quality of works by Subcontractors and Suppliers



7.3 Quality Control Process - Welding MPI Test



TEST REPORT (This Report is issued subject to the terms & conditions set out below) MAGNETIC PARTICLE TESTING (MT)



SetSCO Services Pte Ltd
531 Bukit Batok Street 23
Singapore 659547
Tel: (65) 6566 7777
Fax: (65) 6566 7718
www.setsco.com
Business Reg. No. 190500090

Our Ref. : NI-8500386652/A MANI Date : 24/10/2025
Customer Ref. : - Page 1 of 3

Customer : SHENG TAI CONSTRUCTION PTE LTD
10 ADMIRALTY STREET
#05-78 NORTHLINK BUILDING
(S) 757805
Attention : Mr. Mark Li

Job Details
Project Title : SG06 EQUINIX DC
Date of Test : 23 October 2025
Location of Test : 10 Admiralty Street, #05-78, North Link Building

Test Requirements
Standard / Code : BS EN ISO 17638 - 2016 Test Procedure : NDT/TPMT/30 (Rev.4)
Acceptance : BS EN ISO 23278 - 2015 (Table 1 - Level 1)

Details of Item(s) Tested
Description : EWS 104 Steel Brackets Welding Joints - MPI Test
Material : Carbon Steel Surface Temp : Ambient
Thickness : 6mm & 8mm Surface Condition : As Welded
Type of Weld / Welding Process : Fillet / MMAW

Equipment
Description : Electromagnetic Yoke
Serial Number : 357
Make / Model : Magnafux / Y1
Current Type : AC
Test Media
Contrast Medium : SHERWIN / CP-2
Batch No. : 1504-400-04-0124 Exp Date : 24-Jan-27
Particles : SHERWIN / BO-1
Batch No. : 1503-400-01-0124 Exp Date : 08-Jan-27

Method of Testing
Test Method : Wet (Visible)
Magnetizing Method : Continuous
Post-Examination
Cleaning : NA
Demagnetization : NA

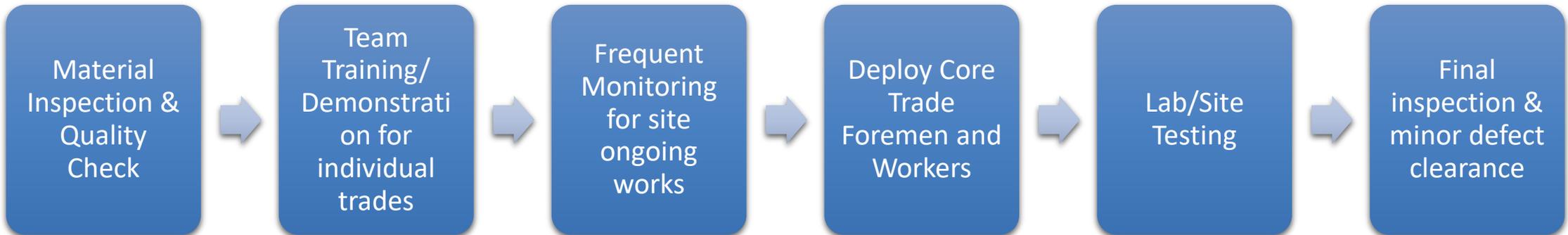
Viewing Condition
Light Meter : Light Meter (Sno. 1860720)
Actual Intensity Reading : 1210 Lux
Testing Officer : Anbarasu Manikandan **Qualification** : NDT Level II
Test Results : Refer next page for test results and drawings / photos of items tested.
Note : This test report consists of results for magnetic particle testing only and does not cover the visual examination acceptance of the welds and its sizes.

Chua Hiap Leong
NDT Level II
(Supervisor)

Velukkann AL Krishnan
Principal Engineer
(NDT / Inspection)
Mechanical Technology Division

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*The results reported herein have been performed in accordance with the terms of accreditation under the Singapore Accreditation Council.



An architectural rendering of a modern building's entrance. The scene features a large, multi-story building with a prominent waterfall wall on the left side. The entrance is covered by a wide, overhanging roof with a grid-like ceiling. A large, rectangular skylight is set into the ceiling. The ground is paved with grey tiles. A woman is walking on the left, and a man is standing near the entrance. A dark grey sports car is parked on the right. The overall atmosphere is clean and contemporary.

4 . EHS Management System

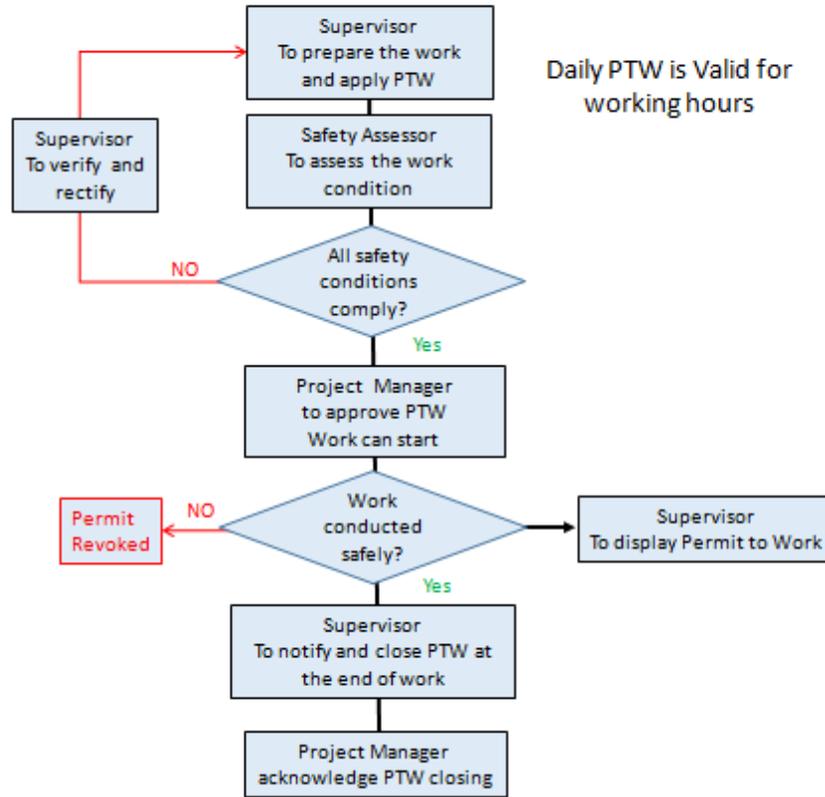
8.2 PPE and PTW System Permit To Work

Application Flow Chart

PTW Applicant
All appointed supervisors may apply PTW.

Safety Assessor
Appointed Assessor, BHCC WSHO and WSHC.

PTW Approval
Project Manager or Authorized Manager



8.4 Safe Work Practice – Lifting Operation

RISK ASSESSMENT FORM					
Company	TOP STAR BUILDER PTE LTD	RA Leader	Saravana (WSH Officer)	Approved by:	Reference number: 002 (R00)
Process	Lifting Operation	RA Member 1	Andy Wang (Project Manager)		
Activity Location	50 PLAY FAIR ROAD	RA Member 2	Xiao Dong (Project Engineer)		
Original assessment date	16-12-24	RA Member 3	Maresh (WSHC)		
Last review date	16-12-2024	RA Member 4	Veerasamy		
Next review date	15-12-2027	RA Member 5	Varadharajan (Worker Representative)	Name	Li Peng
				Designation	Project Director
				Date	16-12-24

RISK LEVEL (R) - by 5x5 Matrix					
Severity (S)	Likelihood (L)				
	Rare (1)	Remote (2)	Occasional (3)	Frequent (4)	Almost Certain (5)
Catastrophic (5)	5	10	15	20	25
Major (4)	4	8	12	16	20
Moderate (3)	3	6	9	12	15
Minor (2)	2	4	6	8	10
Negligible (1)	1	2	3	4	5

RISK LEVEL	Risk Acceptability	Recommendation Action
Low Risk (1-3)	Acceptable	<ul style="list-style-type: none"> No additional risk control measures may be needed. Frequent review and monitoring of hazards are required to ensure that the risk level assigned is accurate and does not increase over time.
Medium Risk (4-14)	Tolerable	<ul style="list-style-type: none"> A careful evaluation of the hazards should be carried out to ensure that the risk level is reduced to as low as reasonably practicable (ALARP) within a defined time period. Interim risk control measures, such as administrative controls or PPE, may be implemented while longer term measures are being established. Management attention is required. High Risk level must be reduced to at least Medium Risk before work commences.
High Risk (15-25)	Not acceptable	<ul style="list-style-type: none"> There should not be any interim risk control measures. Risk control measures should not be overly dependent on PPE or appliances. If practicable, the hazard should be eliminated before work commences. Management review is required before work commences.

Hazard Identification (LOOK)				Risk Evaluation (THINK)				Risk Control (DO)					
No.	Work Activity	Hazard	Possible Accident / Ill Health & Persons-at-Risk	Existing Risk Control	S	L	R	Additional Risk Control	S	L	R	Action Officer	Control Implemented
1	Crane Operation (Lorry / crawler / mobile / Excavator).	Hit by crane's boom	Serious bodily injury	Elimination: No Substitution: No Engineering: No Administrative: Competent lifting team comprises of lifting supervisor, rigger, and signalman and crane operator Crane movement shall be closely supervised by the lifting supervisor Proper planning and co-ordination of lifting when another crane lifting is in vicinity PPE: Ensure workers wear appropriate PPE during operation	4	1	4	Elimination: No Substitution: No Engineering: Provide barricade and signage during operation. Administrative: Highlight during toolbox meeting. Ensure no one is within the vicinity during operation. PPE: No	4	1	4	Supervisor Lifting Supervisor	Yes 16/12/24
		Hit by crane's load.	Serious bodily injury	Elimination: No Substitution: No Engineering: Placement of sand bucket or any other materials must be at the center of the slab, away from the edge. Installation of CCTV at the boom of every crawler crane. The CCTV will provide a view of the construction level for the crawler crane operator. Administrative: Lifting Supervisor to ensure the tip is always at the center of the lifting point. Follow SWP for lifting operation Deployment of a lifting crew consisting of 4 persons (1 Lifting Supervisor and 3 Rigger/Signalman) The main contractor full-time WSHO will be deployed to oversee the overall lifting operation for the entire site. Lifting crew should always maintain a safe distance from the crane/load Signal man to ensure clear visibility between themselves and the crane operator PPE: Ensure workers wear appropriate PPE during the operation	4	2	8	Elimination: No Substitution: No Engineering: Schedule weekly safety timeout briefing, training and communication for individual lifting crew and crawler operator Administrative: Highlight during toolbox meeting. Ensure no one is within the vicinity during operation. PPE: No	4	1	4	Supervisor Lifting Supervisor Crane operator Safety supervisor WSHO	Yes 16/12/24

REF	SWP-002
REVISION	00
EFFECTIVE DATE	16/12/2024
TOTAL NO. PAGES	11

LIFTING OPERATION SAFE WORK PROCEDURE

Project: 50 PLAYFAIR ROAD

- Purpose:** To define the safe work procedure for Lifting Operation.
- Personal Protective Equipment (PPE) Required:**

Hand Gloves	Safety Helmet	Eye Protection	Hearing Protection	Safety Shoe	Welding Mask	Reflective vest	Safety Harness
YES	YES	YES	YES	YES	N.A	YES	YES
- Responsibility**
 - Lifting Supervisor**
 - Plan, co-ordinate and control all lifting activities, submit permit to work and daily Lifting Plan. Keep record of all documents. Display PTW at work area
 - Brief all Crane Operators, Riggers and Signalman on the safe work procedure and risk assessment for lifting operation. Keep the attendance record
 - Conduct daily toolbox meeting to crane operator, signalman and rigger and file the record.
 - Ensures that only Registered Crane Operators with MOM, appointed Riggers & Signalman participate in any lifting operation involving the use of mobile/crawler/tower crane.
 - Ensure lifting machine & gear with valid certificate.
 - Ensure that the crane is at least 3-monthly/passenger hoist is monthly maintained by qualified Technicians and keep a record of the maintenance report.
 - To monitor daily checking by Crane Operator and Passenger Hoist Operator. File the record.
 - To monitor weekly checking of crane access by Engineer and file the record.
 - Conduct weekly check to lifting gear and file the record.
 - Ensure all lifting gears or equipments are properly store.
 - Check the load and Riggers to ensure that the load can be lifted and removed safely by lorry crane, mobile crane, crawler crane or tower crane.
 - Ensure that the ground conditions are safe for any lifting operation to be performed by lorry/mobile/crawler cranes.
 - Any unsatisfactory or unsafe conditions or complaints reported to you by Crane Operator, Signalman or Rigger, take such measures to rectify the unsatisfactory or unsafe condition to ensure lifting operation is carried out safely.
 - Personally take charge of lifting operation involving heavy load and bulky load or requiring difficult manoeuvres.
 - Ensure rigger and signalman provided with safe means of access and fall protection.

PROJECT :50 PLAYFAIR ROAD LIFTING PLAN WITH SAFETY FACTOR

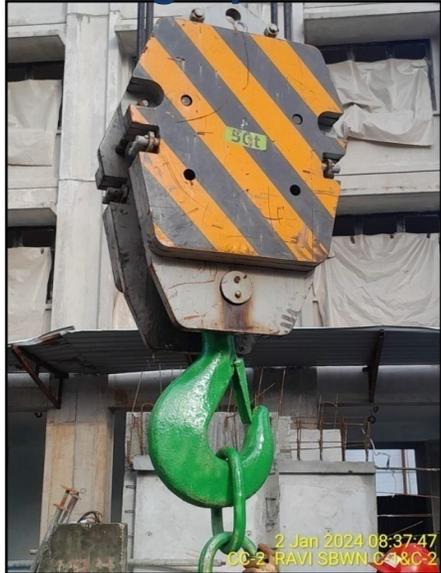
Rebar Cage (Maximum Weight of rebar cage – 12 tons)

Material Description	Lifting Gear Description
Weight: 10,000kg Height: 2,500mm Length: 14,000mm Working Radius: 24m	**2 X 17TON G-2130 BOW SCREW PIN SHACKLE **32MM X 2.5MTR 2-LEGGED 6X36 IWRC UNGALVD STEEL WIRE ROPE C/W 45MM MASTERLINK ON TOP, MECH SPLICED BOTH ENDS THIMBLE EYE (20TON) LG SWL: (17,000KG & 20,000KG) LIFTING GEAR WEIGHT: APP 100KG HOOK (1NOS-7TON) LIFTING GEAR WEIGHT: APP 100KG

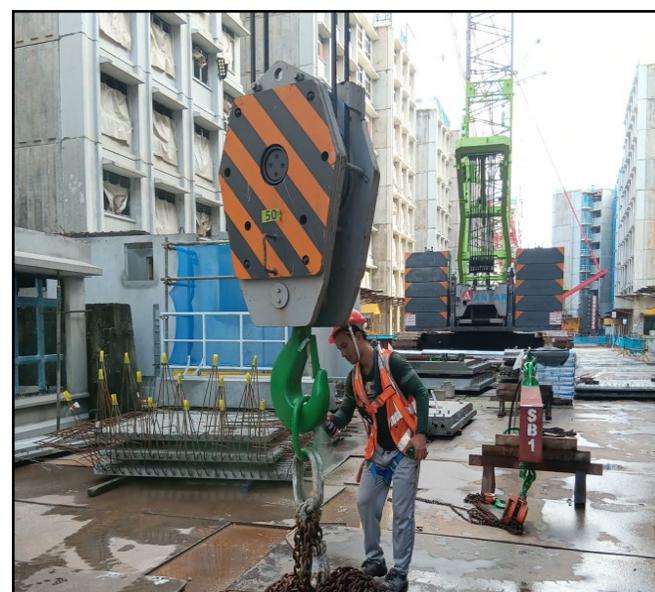
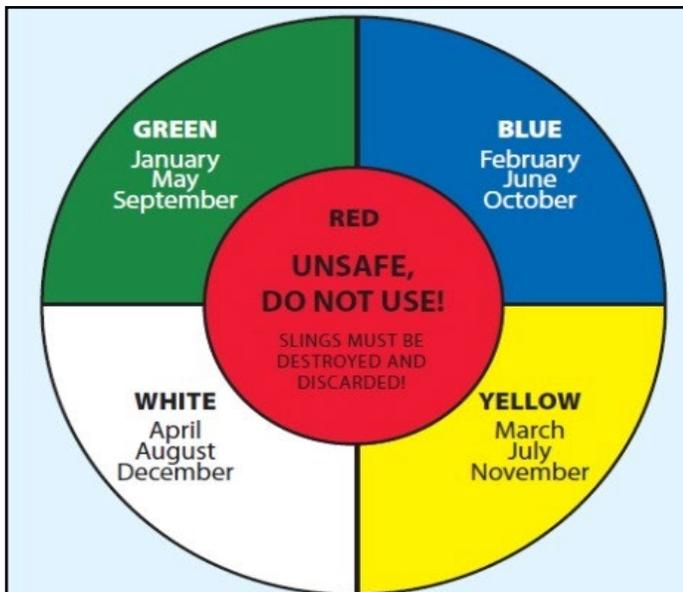
Sling Capacity	Sling Reduction Factor @ 80°	Sling Reduction Factor @ 70°	Sling Reduction Factor @ 60°
20000	0.985	0.94	0.866
	Slings Reduced Rating @ 80°	Slings Reduced Rating @ 70°	Slings Reduced Rating @ 60°
	19700	18800	17320

Max. SWL(Main)	Description of load	Weight of load (kg)	Weight of lifting gear (kg)	Weight of the lifting hook (kg)	Total weight (ton)	Crane boom length (m)	Maximum distance of load from crane (m)	Corresponding SWL from crane's load chart (ton)	Safety Factor	SWL of LG (ton)	Crane capacity used (%) ≤ 75 %	LG capacity used (%) ≤ 75 %
		A	B	C	T=A+B+C			D		E		
30000	Rebar Cage	10000	100	500	10600	27	12	17500	1.65	18800	60.57%	56.38%

8.5 Safe Work Practice – Lifting Operation



FORM 8		LE Registration No: 132324-1 TO 2
MINISTRY OF MANPOWER, SINGAPORE OCCUPATIONAL SAFETY AND HEALTH (OSHS) DEPT. WORKPLACE SAFETY AND HEALTH (PROTECTION AND CONTROL) DIVISION CERTIFICATE OF FITNESS THROUGH VISUAL EXAMINATION OF LIFTING EQUIPMENT USE		
User or User's Employer: ENG SENG TECH PTE. LTD. 9 Tampines Link #01-08 Singapore 757492	Factory Code and Location of Lifting Equipment: AT VARIOUS LOCATIONS	
Particulars of Lifting Equipment: Type and Description of Lifting Equipment: 3" X 6M ZPLY WEBBING SLING QTY: 2 Classification Code: LIFTING SLING		
Brand Name: CHOBOGO	Destructive No.: LG4L1323-1 TO 2	
Country of Origin: KOREA	Date of Manufacture: 2023	
Source of Power: N/A	First Registration Date: 13/09/2024	
Max. Safe Working Load: 3,000 KG	Max. Reach Length/Tip-on: -	
Owner's Reference: -	Length of Fly, if it is a Lattice Boom: -	
Vehicle Registration No.: -	Lattice Boom: -	
Particulars of Last Load Test: Date of Last Test: 13/06/2024		
Test Load (kg): 411 (20)	Test Load (kg): 191 (10)	Test Load (kg): 105 (5)
Comments / Observations: - Visual inspection was conducted on the equipment as per SRS 6800:2014 (1) and no major defects were observed. - The equipment is in good condition and suitable for use. - The equipment is in good condition and suitable for use. - The equipment is in good condition and suitable for use.		
I certify that on 13/06/2024 the lifting equipment described in this certificate was examined thoroughly by me, as far as is practicable, and it is fit for use subject to my examination.		
I further certify that the lifting equipment complies to all relevant safety requirements pertaining to lifting equipment as stipulated in the Workplace Safety and Health (General Provisions) Regulations, and all other regulations made thereunder and in force for use.		
Issued Date of Certificate: 13/06/2024	Date of Next Certificate: 13/06/2024	Authorized Examiner's Name: TAN GEOK LENG
		Signature of Authorized Examiner: 
		



Your Best Partner

Sheng Tai Construction Pte Ltd

SKK SHINING STONES
TEXTURED PAINT C/W
25MM GROOVE LINE

DROP-OFF FOYER
COLUMNS
SKK SHINING STONES
TEXTURED PAINT C/W
25MM GROOVE LINE

