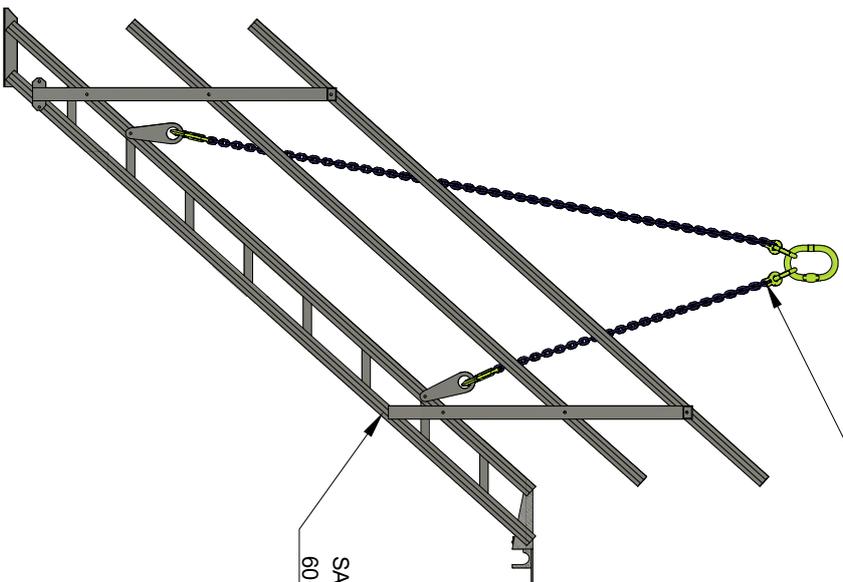


TARE WEIGHT OF STAIRS: 60KG

4 LEG 8MM X 3M GRADE 100 CHAIN ASSEMBLY



USING AN EXCAVATOR FOR LIFTING STAIRS

USING AN EXCAVATOR AS A CRANE (OR FOR LIFTING PURPOSES) IN AUSTRALIA IS PERMISSIBLE, BUT IT MUST COMPLY WITH SPECIFIC LEGAL, SAFETY, AND OPERATIONAL REQUIREMENTS UNDER AUSTRALIAN LEGISLATION AND STANDARDS. A MOBILE CRANE MAY BE REQUIRED FOR INSTALLING STAIRS DEPENDING ON THE RADIUS. THIS NEEDS TO BE TAKEN INTO ACCOUNT AT THE PLANNING STAGE. FURTHER LIFT STUDY, PLANNING OR 3RD PARTY ENGINEER SIGN OFF IS THE END USERS RESPONSIBILITY.

USING AN EXCAVATOR FOR LIFTING PURPOSES IT MUST MEET THE FOLLOWING REQUIREMENTS:

- WORK HEALTH AND SAFETY (WHS) REGULATIONS
- AUSTRALIAN STANDARDS – NOTABLY AS 1418.8: CRANES, HOISTS AND WINCHES – SPECIAL PURPOSE APPLIANCES
- MANUFACTURERS SPECIFICATIONS AND LIMITATIONS
- STATE-SPECIFIC GUIDELINES (SUCH AS SAFEWORX NSW, WORKSAFE VIC, ETC.)

1. DESIGN & CAPACITY

- THE EXCAVATOR MUST BE DESIGNED AND RATED FOR LIFTING TASKS.
- A LIFTING POINT MUST BE PROVIDED AND RATED BY THE MANUFACTURER.
- THE LIFTING CAPACITY CHART (LOAD CHART) MUST BE AVAILABLE AND VISIBLE IN THE CAB.

2. LIFTING LIMITATIONS

- LIFTING MUST NOT EXCEED 75% OF THE EXCAVATOR'S TIPPING LOAD.
- YOU MUST HAVE LOAD CHARTS CERTIFIED AND, IF REQUIRED, LIFTING ATTACHMENTS ENGINEERED AND TESTED.

3. LIFTING EQUIPMENT

- CHAIN SLINGS MUST COMPLY WITH AS 3775.1 & 2
- REGULAR INSPECTION AND TAGGING OF LIFTING GEAR IS MANDATORY FOLLOW THE RECOMMENDATIONS IN AS3775.2 APPENDIX C, SITE EQUIPMENT INSPECTION REQUIREMENTS OR CONTACT YOUR NEAREST LIFTING EQUIPMENT SUPPLIER FOR ADVICE IN RELATION TO EQUIPMENT INSPECTION CRITERIA

4. COMPETENCY

- THE OPERATOR MUST BE COMPETENT AND TRAINED TO PERFORM LIFTING TASKS.
- THE PERSON SLINGING THE LOAD DOES NOT NEED A DOGMANS TICKET IF THEY ARE CONSIDERED A COMPETENT PERSON AND THE LIFT IS STRAIGHTFORWARD. ANY LIFTS THAT ARE NOT IN THE OPERATORS LINE OF SITE OR REQUIRE ADJUSTMENT OF CHAIN LEGS DUE TO THE CENTRE OF GRAVITY OF THE STAIRS A LICENSED DOGGER OR RIGGER IS REQUIRED FOR THE LIFT. FOR LIFTS NOT IN THE LINE OF SITE THE DOGMAN MUST USE WHISTLE SIGNALS OR RADIO FOR COMMUNICATION WITH THE OPERATOR. THE OPERATOR MUST KNOW WHISTLE SIGNALS IF THIS IS USED AS A MEANS OF SIGNALING.

5. LIFT PLAN & RISK ASSESSMENT

- A LIFTING PLAN, JSA, OR SWMS IS REQUIRED—ESPECIALLY FOR HIGH-RISK WORK.
- CONTROLS MUST BE IN PLACE TO AVOID OVERHEAD LIFTING OF PERSONNEL, LOAD SWING, OR COLLISION RISKS.
- WHAT'S NOT ALLOWED?
 - HOMEMADE LIFTING POINTS OR NON-RATED ATTACHMENTS.
 - LIFTING WITHOUT A LOAD CHART OR OUTSIDE THE RATED CAPACITY.
 - USING AN EXCAVATOR AS A CRANE ON SLOPING, UNSTABLE, OR UNEVEN GROUND WITHOUT PROPER PLANNING.
 - LIFTING OVER PEOPLE – THIS IS A CRITICAL SAFETY BREACH UNDER WHS LAWS.

USING A CRANE FOR LIFTING STAIRS

WHERE A CRANE IS TO BE USED FOR LIFTING STAIRS INTO PLACE IT IS THE END USERS RESPONSIBILITY IN ENSURING THAT THE CRANE COMPANY USES THIS LIFT PLAN AS A GUIDE IN ASSESSING CRANE SUITABILITY TO LIFT AND PLACE THE STAIRS WITHIN THE REQUIRED RATED CAPACITY OF THE CRANE, AND PROVIDING ALL OTHER DOCUMENTATION ASSOCIATED WITH THE LIFT.

THE USE OF ANY OTHER BRAND OF STAIRS OTHER THAN SPECIFIED WILL NOT COMPLY WITH ENGINEERING CERTIFICATION!!



0	INITIAL DRAWING	6/1/26	PW
REV	DESCRIPTION	DATE	DRAWN
REVISION HISTORY			

GENERAL NOTES

- THIRD ANGLE PROJECTION UNLESS NOTED OTHERWISE
- REMOVE ALL SHARP EDGES, CORNERS & CHAMFER
- UNLESS DIMENSIONS IN MM UNLESS NOTED OTHERWISE
- BEND ANGLES ARE INTERNAL UNLESS NOTED OTHERWISE
- WELDS TO CONFORM TO AS 1554.1:2000 UNLESS NOTED
- DO NOT SCALE DRAWING IF IN DOUBT ASK
- NOT APPROVED FOR CONSTRUCTION UNLESS MARKED ON THE DRAWING

THE INFORMATION CONTAINED WITHIN THIS DRAWING IS CONFIDENTIAL AND IS THE SOLE PROPERTY OF MANHOLE FORM HIRE. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED. ANY REUSE OR REPRODUCTION OF THIS INFORMATION WITHOUT THE WRITTEN PERMISSION OF MANHOLE FORM HIRE IS PROHIBITED. SOME PRODUCTS CONTAINED WITHIN DRAWINGS ARE COVERED BY AUSTRALIAN AND INTERNATIONAL PATENTS.

Client MANHOLE FORM HIRE	Drawing No. LP-SSA9STEP600WIDESTAIRS-V0
Description SAFE SMART ACCESS 9 STEP 600MM WIDE STAIRS	

MANHOLE FORM HIRE

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