

# **LIFTING PLAN – 2300L to 10KL SELF BUNDED TANKS**

## **Recommendations for lifting 2300L to 10KL SELF BUNDED Industrial Tanks.**

\* These recommendations include but are not limited to SELF BUNDED Industrial Tanks fitted with one or more Cabinet/s.

SELF BUNDED Tanks will only be despatched on their bases, and WILL be transported on a pallet.

- The tank/s will be fitted with M12 S/Steel D-Shackles to all MOULDED lifting lugs.
  - These Moulded Lugs are ONLY intended for securing the tank to the pallet and truck for transport, DO NOT lift the tank using the moulded lifting lugs.
- ONLY USE the Lifting Lugs that have been welded to the tank walls.
- Where the cabinet/s contain heavy equipment, ensure the weight of the cabinet is adequately supported during the lift.
- A spreader bar arrangement should always be used, so that the slings are vertical. See **example** below.
- Tanks with one or more cabinets fitted require adjustment of the slings/chains to balance the load. We recommend 'floating' the load and adjusting as required prior to unloading.
- Lifting slings that are rated to at least 1000kg should be used.
- Guide ropes are recommended to assist with moving & stabilization.

## **Plan the lift before commencing & follow your prescribed SWMS/SOP's etc.**

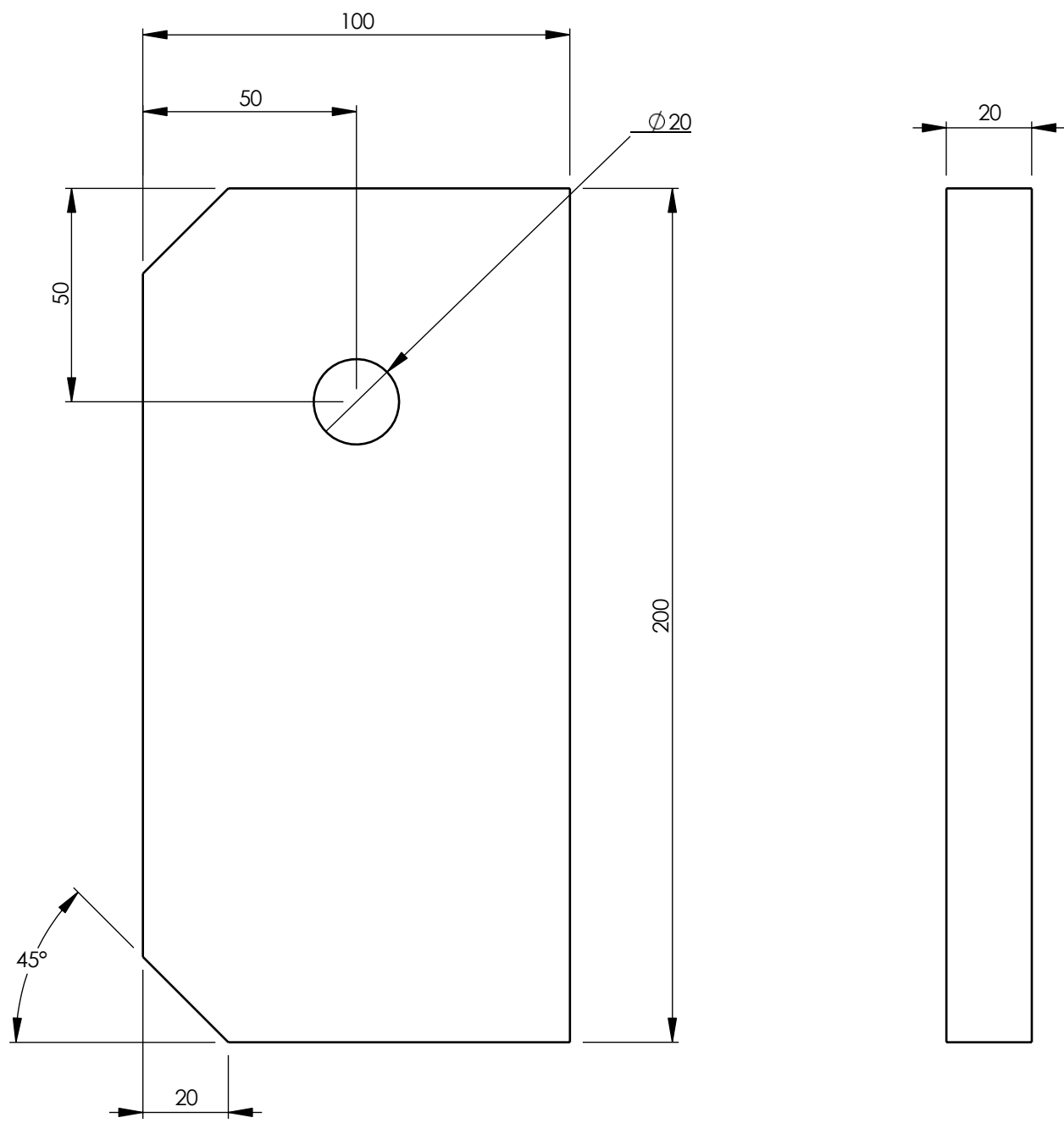
Untie the tank from the pallet and attach the straps to spreader bar and lifting lugs. Gently raise the tank off the truck bed, being mindful of any fittings on the tank or any adjacent tanks. Move the tank to an area with enough level ground to accommodate the tank. You may find this easier with the use of guide ropes.

DO NOT keep the tank suspended for long periods of time.

**THESE ARE GENERAL RECOMMENDATIONS ONLY AND MAY NOT COVER ALL ASPECTS OF THE UNLOADING PROCEDURE.**

## **FOLLOW ALL OF YOUR PRESCRIBED SWMS/SOP's.**

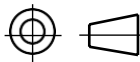




TOLERANCES (UNLESS OTHERWISE STATED)			
OVER - TO	±	±	±
0-6	0,1	0,2	0,5
6-30	0,2	0,5	1,0
30-100	0,3	0,8	1,5
100-300	0,5	1,2	2,0
300-1000	0,8	2,0	3,0
1000-3000	1,2	3,0	5,0
3000-PLUS	2,0	4,0	8,0
ANGLES	0.25°	0.5°	1°

REV	DRAWN	DATE	PARTICULARS

SCALE:  
1:1.5 ON A3



DO NOT SCALE, USE DIMENSIONS.  
ALL DIMENSIONS ARE IN mm

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CLIENT

MATL

HDPE

SG

WEIGHT 0 kg

TITLE

HDPE LIFTING LUG

SUB TITLE

HDPE LIFTING LUG

DRAWN

MdH

1/02/2016

DRAWING NO.

Bunded Station Lifting Lug

JOB NO. HDPE

1 1 Rev: B