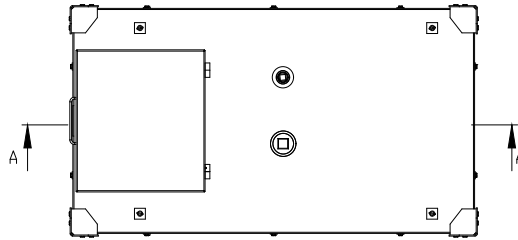
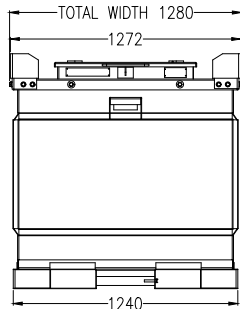


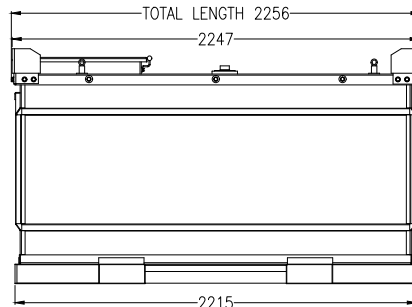
SECTION A-A



PLAN VIEW



FRONT ELEVATION



SIDE ELEVATION

- GENERAL NOTES**
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
 - UNLESS OTHERWISE INDICATED, NOZZLE PROJECTIONS ARE MEASURED FROM TANK CENTERLINE.
 - ALL STEEL MATERIAL ARE ASTM A36/EN 10025 S235/S2062/Q235
 - BEFORE SHIPPING, THE TANK MUST BE INTERNALLY CLEANED, DRAINED & DRIED.
 - UNLESS OTHERWISE SPECIFIED, THE FILLET WELD THROAT SIZE FOR NON PRESSURE PARTS TO BE 0.7 TIMES OF SMALLER THICKNESS
 - ALL SHARP CORNERS SHOULD BE ROUNDED OR CHAMFERED.
- DESIGN FEATURES**
- BUNDED FUEL TANK, COMPLIANT WITH POLLUTION PREVENTION GUIDELINES (PPG2).
 - FORKLIFT POCKETS ARE TO ALLOW EASY AND SAFE HANDLING.
 - DESIGNED TO STACK INSIDE SHIPPING CONTAINERS AND ACROSS TRUCK BEDS PROVIDING ECONOMICAL TRANSPORTATION
 - UNIQUE CORNERS FOR EXTRA STRENGTH AND HOSE OPENING IN FRONT TO ALLOW TANK TO BE USED WHEN LOCKED.
 - PROVISION FOR PUMPS AS WELL AS FEED AND RETURN CONNECTIONS FOR GENERATOR USE WITH PROVISIONS FOR ADDITIONAL FEED RETURNS FOR MULTIPLE USE.
 - BUNDED OUTER TANK CAPACITY 110% OF VOLUME AND REMOVABLE INNER TANK FOR MAINTENANCE/ACCESS.
 - SECURE EFFICIENT DESIGN: EASILY STACKED 2 HIGH WHEN FULL, 3 HIGH WHEN EMPTY.
 - SPACE EFFICIENT DESIGN: EASILY STACKED 2 HIGH WHEN FULL, 3 HIGH WHEN EMPTY.
 - PAINTED WITH POWDER COATED PAINT SYSTEM.
 - PRIMARY TANK INNER SURFACE IS SPRAYED WITH OIL.

DESIGN DATA

DESIGN STANDARD	UL142, ULC S601
DESIGN PRESSURE	ATMOSPHERIC (14.5 PS)
DESIGN TEMP.	50° C.
CAPACITY	1980L (DIESEL)
SAFE FILL VOLUME	1880L (DIESEL)
MATERIAL OF CONSTRUCTION	ASTM A36/EN 10025 S235/S2062/Q235
TYPE	RECTANGULAR, DOUBLE WALL, BUNDED, COMPARTMENT
PRIMARY TANK SIZE	1799 mm(L) x 1082 mm (W) x 1039mm(H)
EXTERNAL TANK SIZE	2256 mm (L) x 1280 mm(W) x1297 mm (H)
BAFFLE THICKNESS	2MM
PRIMARY WALL THICKNESS	3MM ALL OVER
EXTERNAL WALL THICKNESS	3MM ALL OVER
PRESSURE TEST	PRIMARY TANK-BY WATER, 3 PSI/21 KPA FOR 20 MINUTE EXTERNAL TANK FILLED WITH WATER FOR 20 MINUTE

EMPTY CONDITION	HYDROTEST CONDITION	OPERATING CONDITION
675	2615	2274

REV.	DESCRIPTION	DATE	CHECKED	APPROVED	REMARKS
0	ISSUED FOR APPROVAL	15.02.2022	15.02.2022	15.02.2022	

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NOTE:
Unless Otherwise Specified:
Dimensions are in mm
TOLERANCES:
≤100 ± 2
≤1000 ± 3
ANG ± 0.5°

PAINT SPECIFICATION	GALVANIZING SPECIFICATION
BLASTING TO SA2.5 PHOSPHORIZING LIQUID RINSE OF ALL SURFACES. POLYURETHANE PLASTIC POWDER COATING THICKNESS IS 80-120 DFT. PRE-HEATING TEMPERATURE 200-220°C. AFTER COATING BAKE AT 200°C FOR 30 MINUTES.	ALL HOT DIPPED GALVANIZING PARTS SHOULD HAVE MIN 45 MICRONS OF THICKNESS APPLIED

ASSEMBLY PART LIST

ITEM No.	Description	SHEET No.	Material	Quantity per assy	Weight, Kgs
1	LID-PRIMARY TANK	01 OF 05	A36/S235	1	230+113
2	LID ASSEMBLY	02 OF 05	A36/S235	1	113
3	EXTERNAL TANK WITH BASE FRAME	03 OF 05	A36/S235	1	251+64
4	BASE FRAME	04 OF 05	A36/S235	1	64
5	GALVANISED STACKING CORNER	DG-ACS-2000L-FD (SHEET 05 OF 06)	A36/S235 GALVANIZED	4	17
TOTAL WEIGHT - 675 Kgs					

PROJECT TITLE: ACECUBE STATIONARY - 2000L

SHEET TITLE: ACECUBE STATIONARY 2000L TECHNICAL GA

PREPARED: W.T	DATE: 15-02-2022
CHECKED: M.L	CUSTOMER: NA
APPROVED: DM	SCALE: NTS
PROJECT NO: ACS-2000L	REV: 00
DWG. NO.: DG-ACS-2000L-GA	SHEET NO.: 01 OF 05

A4