



MATERIAL SPECIFICATION	
MAT'L OF CONSTRUCTION	FRP
CORROSION BARRIER	VINYL ESTER + 2 Layer Nexus Veil
SHELL MATERIAL	VINYL ESTER
TANK DIAMETER (I/D)	Ø1000 mm
TANK HEIGHT (I/D)	1150 mm
GASKET (TOP MANHOLE)	3mm EPDM
FRP TANK COLOUR	TBA
CATLADDER/HANDRAIL COLOUR	N/A
TANK ROOF	LOOSE WITH BOLT JOINT
TANK SHELL	CYLINDRICAL SHELL
TANK BASE	FLAT BOTTOM
ROOF THICKNESS	10.46 mm
SHELL THICKNESS	6.86 mm
BASE THICKNESS	8.65 mm
BOLT & NUT	SS 304

DESIGN CODE

ASME RTP-1

DESIGN DATA	
DIAMETER	Ø1000 mm
HEIGHT	1150 mm
OPERATION TEMPERATURE	28 °C
DESIGN TEMPERATURE	45 °C
OPERATING PRESSURE	ATM
DESIGN PRESSURE	-5/10 mbar
WIND LOAD	ACSE-05 AT W/S 40 KM/H
MEDIUM	12% SODIUM HYPO SOLUTION
DENSITY	1,202.0 kg/m³
OPERATING VOLUME	0.55 m³
EMPTY WEIGHT	77 KG
OPERATION WEIGHT	1,125 KG