



Leading ISO Certified Manufacturer of
Prefabricated Bolted Liner Tank

Less Time | Excellent Quality

Contributing towards Prime Minister's Flagship Programme

[#JalJeevanMission](#)

[#HarGharJal](#)

Journey So Far



1200

Total Completed Projects



180000

Total KL / MT delivered



70

Clients



7 + Cr

Total Life Touches

Winfra Buildtech is a renowned company specializing in the production of premium zincalume storage tanks for a wide range of applications, encompassing commercial, industrial, and residential sectors. Our unwavering dedication to innovation and commitment to superior quality is evident in our utilization of cutting-edge manufacturing facilities and advanced technology. By leveraging these resources, we consistently manufacture robust and enduring storage tanks that boast exceptional resistance to corrosion.

Situated in North India (Faridabad), our state-of-the-art manufacturing facility serves as the hub for producing these top-of-the-line storage tanks and silos. Within our accomplished team, we have highly motivated and experienced professionals with diverse expertise in Design, Manufacturing, Procurement and Projects. Together, they ensure that our products adhere to the highest standards of excellence.



TECHNICAL DATA SHEET FOR ZINCALUME STEEL TANK (WINFRA)

PROCESS & OPERATING PARAMETERS			
SERVICES	Drinking/ Raw water/ FIRE Water / RO/ UF/ STP /STP	FREEBOARD ABOVE LIQUID	250mm + 150mm Dead Storgae
GEOMETRY	Cylindrical	TANK COLOUR	NATURAL SILVER
REBATE DEPTH	NA	FOUNDATION OUTSIDE COPING	Client scope (if Required)
FOUNDATION TYPE	Ring Beam	ROOF TYPE	ZincAlum dome/Conical Roof
WALL EMBEDMENT	As Per Design Specs	O & M	As Per Site Location
LOCATION	On Ground / Semi-under Ground / Over Head		
DESIGN DATA			
DESIGN CODE	AS 2304	CONTENTS SPECIFIC GRAVITY	1 , 1.1 , 1.2
WIND SPEED	55m/s	COATING THICKNESS	150 gsm /200 GSM
SNOW LOAD	NA	WIND VELOCITY	55m/s , 45m/s
SEISMIC ZONE	V Severe intensity as per IS-1893	COATING	ZN , AL , Si
OPERATION TEMP.	-5~ 65 Degree C.	EDGE PROTECTION	SILVER ZINC PAINT
PH RANGE	3~11	HAZARD CATEGORY	Non Hazardous
SHELL THICKNESS (mm) (vary)	0.8 MM - 1.6 MM	DESIGN PRESSURE	Atmospheric
HOLIDAY TEST	NA	SEISMIC ZONE	5/4>
STRUCTURE DESIGN LIFE	25+ Years		
SCOPE OF SUPPLY		MATERIAL OF CONSTRUCTION	
TANK WALL PANELS	ZINC ALUME STEEL G 300	COMPLETE TANK	ZINCALUME STEEL WITH INSIDE
TANK ROOF PANELS	ZINCALUME STEEL G 550	NUTS & BOLTS	MS HDG 8.8 GRADE
WIND GIRDDERS	HDG MS	NOZZLES & FLANGES	MS HDG
TOP & BASE ANGLES	HDG MS	PANEL BOLTS:	MS HDG 8.8 GRADE
FASTENERS	Hilti HST3 Anchor Bolt M20/300 HDG	LINER	PVC 760 / 890 GSM
STIFFNERRS 4MM GI	NA	TANK FOUNDATION (BY OTHERS)	Concrete M25 / M 30
INTERNAL VERTICAL LADDER	ROPE LADDER WITH FRP STEPS	ADDITIONAL ACCESSORIES	
STAIRWAY	HDG / GI WITH SAFETY CAGE	SS 304 NUT and BOLTS	FOR SEA SIDE AREA
MANHOLES & NOZZLES	HDG BS TABLE 10 D /E	EARTHING ARRANGMENT	COPPER ELECTRODE
PLATFORM WITH HANDRAILS	HDG SAFETY CAGE 1200X1200mm	AVIATION LIGHTS	SOLAR POWRED
SAFETY RAILING ON TOP CIRCUMFRENCE	GI - 4MM With GI Wind Rings	TESTING & INSPECTION	
ROOF TRUSSES	HDG SELF SUPPORTING ROOF	CHEMICAL ANALYSIS CERTIFICATE	Material Test Certificate
LEVEL INDICATOR	Powder Coated Float And Board Mechanical Type	MECHANICAL ANALYSIS CERTIFICATE	Material Test Certificate
Wall + Roof ACCESS HATCH	ZINCALUME (600X600)	HYDROTEST	At Site after Erection of tank
DOMES SS AIR VENT	SS202 / PVC - Whirly BIRD	VISUAL INSPECTION	Pin hole test at Factory
CATHODIC PROTECTION	By Magnisium Anode		



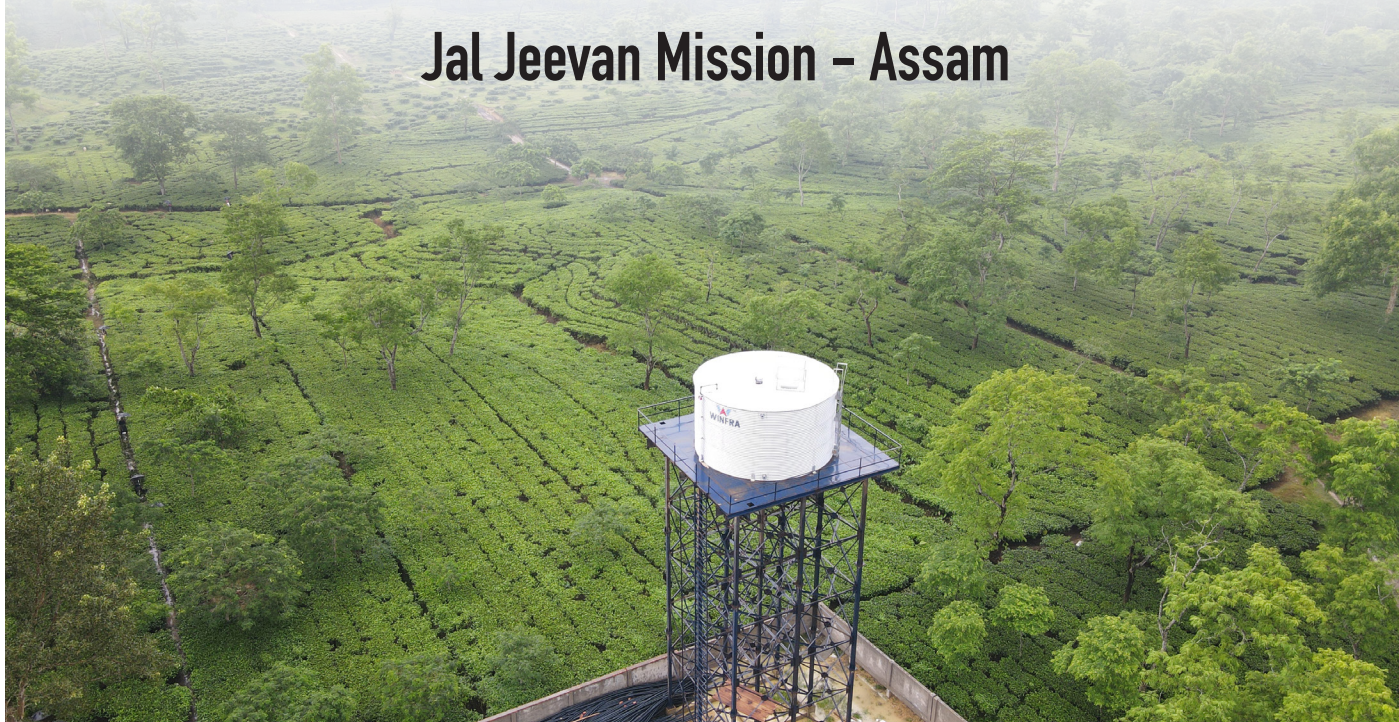
ZINCALUME WINFRA TANKS

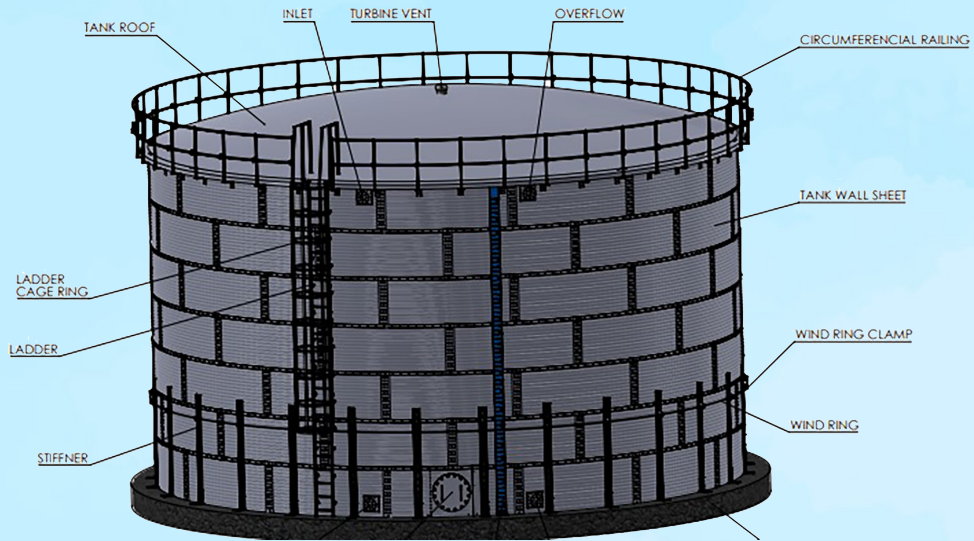
Diameter Height		WI02	WI03	WI04	WI05	WI06	WI7	WI8	WI9	WI10	WI11	WI12	WI13	WI14
		1.84	2.77	3.69	4.61	5.53	6.46	7.38	8.31	9.23	10.15	11.08	12.00	12.92
No.Of Rings	Wall Height	Volume M3												
R1	1.12	2.98	6.75	11.98	18.69	26.90	36.71	47.91	60.74	74.94	90.62	107.99	126.67	146.84
R2	2.10	5.58	12.66	22.46	35.05	50.44	68.83	89.83	113.90	140.51	169.92	202.48	237.50	275.32
R3	3.20	8.51	19.28	34.22	53.41	76.86	104.88	136.88	173.56	214.11	258.92	308.55	361.91	419.53
R4	4.20	11.17	25.31	44.92	70.10	100.88	137.66	179.66	227.79	281.02	339.84	404.97	475.01	550.64
R5	5.30	14.09	31.94	56.68	88.46	127.30	173.71	226.71	287.45	354.62	428.84	511.03	599.42	694.85
R6	6.30	16.75	37.97	67.37	105.16	151.31	206.49	269.49	341.69	421.54	509.76	607.45	712.51	825.95
R7	7.40	19.68	44.59	79.14	123.52	177.73	242.54	316.54	401.35	495.14	598.76	713.51	836.92	970.17
R8	8.40	22.34	50.62	89.83	140.21	201.75	275.32	359.32	455.59	562.05	679.67	809.93	950.02	1,101.27
R9	9.50	25.26	57.25	101.59	158.57	228.17	311.37	406.37	515.25	635.65	768.68	915.99	1,074.42	1,245.49
R10	10.50	27.92	63.28	112.29	175.26	252.19	344.15	449.15	569.48	702.56	849.59	1,012.42	1,187.52	1,376.59

Diameter Height		WI15	WI16	WI17	WI18	WI19	WI20	WI21	WI22	WI23	WI24	WI25	WI26	WI27
		13.84	14.77	15.69	16.61	17.54	18.46	19.38	20.31	20.96	21.77	22.68	23.58	24.49
No.Of Rings	Wall Height	Volume M3												
R1	1.12	168.49	191.90	216.55	242.69	270.62	299.76	330.38	362.85	382.77	416.89	452.47	489.10	527.58
R2	2.10	315.92	359.81	406.03	455.04	507.42	562.05	619.46	680.34	717.69	781.67	848.39	917.06	989.21
R3	3.20	481.41	548.28	618.71	693.39	773.21	856.45	943.95	1,036.72	1,093.63	1,191.12	1,292.78	1,397.42	1,507.36
R4	4.20	631.85	719.61	812.05	910.08	1,014.84	1,124.09	1,238.93	1,360.69	1,435.38	1,563.35	1,696.78	1,834.12	1,978.41
R5	5.30	797.33	908.09	1,024.74	1,148.43	1,280.63	1,418.50	1,563.41	1,717.06	1,811.32	1,972.80	2,141.17	2,314.48	2,496.57
R6	6.30	947.77	1,079.42	1,218.08	1,365.12	1,522.26	1,686.14	1,858.39	2,041.03	2,153.07	2,345.02	2,545.17	2,751.17	2,967.62
R7	7.40	1,113.25	1,267.89	1,430.76	1,603.47	1,788.05	1,980.55	2,182.88	2,397.41	2,529.01	2,754.47	2,989.56	3,231.54	3,485.77
R8	8.40	1,263.69	1,439.23	1,624.11	1,820.16	2,029.68	2,248.19	2,477.86	2,721.38	2,870.77	3,126.70	3,393.56	3,668.23	3,956.82
R9	9.50	1,429.18	1,627.70	1,836.79	2,058.51	2,295.48	2,542.59	2,802.34	3,077.75	3,246.70	3,536.15	3,837.95	4,148.60	4,474.98
R10	10.50	1,579.62	1,799.04	2,030.14	2,275.19	2,537.10	2,810.23	3,097.32	3,401.72	3,588.46	3,908.37	4,241.95	4,585.29	4,946.03

NOTE- ALL CAPACITIES IN KL/M3

Jal Jeevan Mission - Assam





Esteemed Clients



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