



**"Primed For Innovations  
And Odysseys"**

# Company Overview

At Newtech Steels, we specialize in the design and manufacture of Zinalume Steel Storage Tanks and Grain Storage Silos based in Ghaziabad, near Delhi (NCR). Our highly skilled and experienced team is dedicated to delivering excellence. We offer tanks in a wide range of sizes and capacities, tailored to meet the liquid storage needs of diverse sectors, including rural, residential, commercial, and industrial. Tank capacities range from 10KL to 2000KL with complete customization options to ensure the perfect fit for your requirements.

Our tanks are built to last, with a lifespan of up to 35 - 40 years, requiring minimal to no maintenance. This durability, coupled with our commitment to superior quality, has made our products highly sought after. Our strong reputation is further bolstered by exceptional CRM services and our track record of on-time deliveries across India and internationally.

We pride ourselves on manufacturing top-tier products, including premium Bolted Panel Storage Tanks, Zinc Aluminium Tanks, PVC Coated Fabric Liners, and Grain Silos. Our products are constructed in accordance with the most stringent international standards, including Australian Standard AS 1397:2002, American Standard ASTM A 792M, and Indian Standards IS 15961:2012, ISO 9364, and IS:9845. We serve a broad spectrum of industries such as breweries, distilleries, fire fighting, rainwater harvesting, textiles, food processing, water treatment, and construction.

Our tanks are successfully deployed in a variety of storage applications, including potable water, raw water, RO water, demineralized water, rainwater, ETP, STP, WTP, and a wide range of chemicals (pH 3-12).

We are committed to delivering exceptional quality and innovative technologies to all our clients. Whether it's high-altitude installations or complex projects, our professional team excels in every challenge, earning the trust and admiration of our satisfied clients.



# Our Products Range

Ultra Pure Water Storage Tanks

Zn-al Bolted Panel Tanks

Prefabricated G.I Tanks

Molasses Tanks

Dm & Waste Water Tanks (Etp & Stp)

Aquaculture Tanks

PVC Coated Fabric(Liner)

Grain Silos

Hopper Bottom Silos

Flat Bottom Silos

## Zn-Al Tanks

ZINCALUME-high tensile-corrugated bolted steel panels made outer shell along with high tensile inside liner or membrane guarantees long term safe storage for the variety of liquid with zero leakage or contamination with no algae formation. High tensile corrugated steel wall externally supported with 'W' type stiffeners and studs, sheared from black carbon steel, provide maximum strength to the storage tank and increase its load carrying capacity.



## Zincalume Steel/Bolted Tanks

Zincalume Tata Bluescope made marine grade Zinc-Alume -Silicon Alloy steel of AZ 150 or AZ 200, which offers best available surface protection against corrosion even in harshest environment like coastal region or the regions with high rain fall or snow fall, is used for wall sheets and roof panels. It is offered with yield strength of minimum 300 MPa to maximum 550 MPa depending on the application. ZINCALUME® steel complies with AS1397,ASTM A792M, IS 15961 and ISO 9364 standards.



Our Zincalume Bolted Panel Tanks are fabricated using the best grade of Steel as MOC which is coated with 55% Aluminium, 43.5% Zinc & 1.5% Silicon. Hence, they are known as Zinc Aluminium Tanks or Galvalume Tanks. It is lightweight, durable and versatile. Zincalume sheet has 40-50 years of life and comes with 20 years of Corrosion Warranty. These tanks last up to four times longer than galvanized steel. All our tanks can be customized according to any design requirement of the client.

## PVC Coated Fabric(Liner)

Liners are prefabricated as one 'bag' or 'bladder' to fit inside the storage tank and to hold the liquid inside. Liners guarantee zero leakage of liquid and no direct contact between the store liquid and the storage tank steel wall to restrict corrosion on steel wall and contamination in the liquid. Liners are fabricated from high tensile PVC, TPU or EPDM fabrics with food grade, anti-algae, anti-static and anti- cracking properties. it is tested for 2kg/cm2 for any leaks. We use SRF liners.



## Epoxy Coated Coloured Steel Tanks

Epoxy Coated Coloured Steel Tanks feature a durable epoxy resin coating that protects carbon steel from corrosion and environmental damage. Applied on the outer surface with an antifungal layer and supported by inner insulation lining, this coating significantly enhances tank lifespan. Available in Blue and Green, the epoxy coating is used on MS and ZA sheets, improving the intrinsic strength of steel while eliminating rust formation. A membrane bag fixed inside the tank shell ensures safe and hygienic water storage. These tanks are ideal for potable water, raw water, wastewater, chemical storage, and domestic supply across multiple applications.

# Silos

The silos we provide is used for both short-term and long-term storage of grain, oil seeds and other granulated free flowing materials. These silos are erected on flat or conical concrete foundations. These type of silos ranges from 50 MT to 12500 MT with diameters varies between 4.61 Mtr to 30 Mtr and height up to 18 Rings. We provide solution for grain storage and management system with our Galvanized Silos. Our grain management system reduces the manpower cost with best storage facility in comparison to godown storages. We provide complete project management solution and required workforce to complete the Silos and handover the project to you. Our Silos are of latest standards and are upgraded technologically which was lacking in traditional storage like godowns. We adhere to international standards for manufacturing of our silos. This type of storage structure or design helps in saving area used for storage. They retain the quality of stored grain for longer duration while reducing wastage by using mechanized handling & humidity control. Earlier Gunny bags were used which were not rodent safe also stored stock was easily affected by climatic conditions. Our Silo fumigation is a cost effective method to treat large amount of grain product within its storage vessel and keep the grain for long time uses.

## Types Of Silos

### • Hopper Bottom Silos

Hopper silos can be used for the storage of seeds. They can also provide temporary storage of wet grain as part of a grain drying plant. Other possible uses are as buffer bin applications in silo plants. It capacities up to 50 MT to 500 MT. diameters varies between 4.61Mtr to 8.16 Mtr and height up to 10 Rings. The standard angle of hoppers are 45 degree but can be customizable as per capacity required. There is only one outlet at bottom that is provided for easy venting of stored material.



### • Flat Bottom Silos

Flat Bottom Silos are constructed with a flat bottom surface and are designed by advanced technology and can with stand all types of material storage. For any type of grain storage above 500MT capacities, flat bottom silos are recommended. We provide silos with capacities up to 1000 MT to 12500 MT. diameters varies between 09 Mtr to 30 Mtr and height up to 18 Rings. The corrugated, silos panels are assembled cylindrically on circular purlins and vertical stiffeners with bolts and nuts on the heavy concrete rings with deep civil foundations constructed at the site to suit the size of the grain silos.

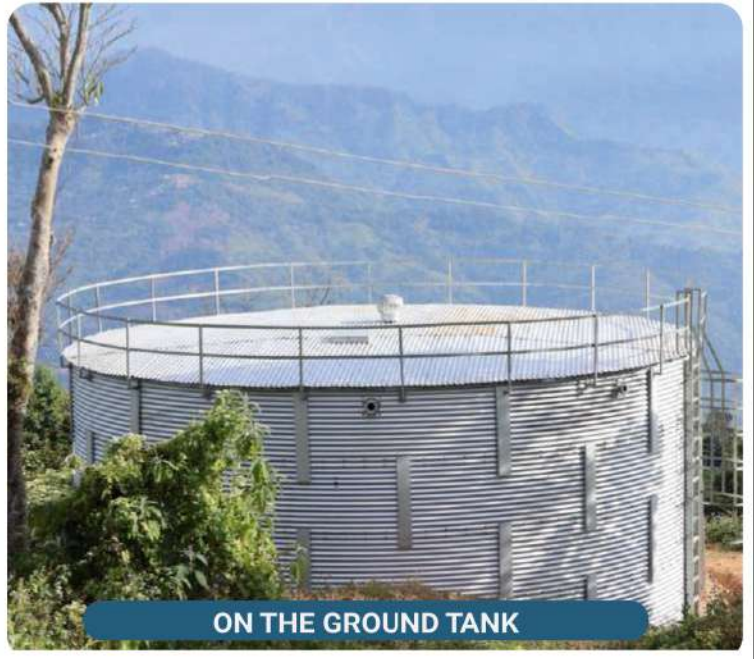


## COMPARISON WITH OTHER TANKS

Features	Our Tank	MS Tank	RCC Tank	SS Tank	PVC Tank	GLS Tank
Cost (Rs/litre)	2 to 8	3 to 12	5 to 15	18 to 35	3 to 10	5 to 15
Maintenance	Very less	Highly required	Required	Not Required	Highly Required	Highly Required
Food grade	Yes	No	No	Yes	Yes	No
Algae Formation	No	Yes	Yes	No	Yes	Yes
Corrosion	No	Yes	Negligible	No	No	Yes
Relocation	Easy	Difficult	No	Difficult	Easy	Not Easy
Weight	Light	Heavy	Very Heavy	Heavy	Light	Light
Expandable	Yes	No	No	No	No	Not Easy
Liquid Temperature	Negligible	Increase	Increase	Increase	Increase	Increase
Life	20-25 Yrs	7 -15 Yrs	30-80 Yrs	30-80 Yrs	5-10 Yrs	7-15 Yrs



**ZN-AI TANK FOR ETP/STP**



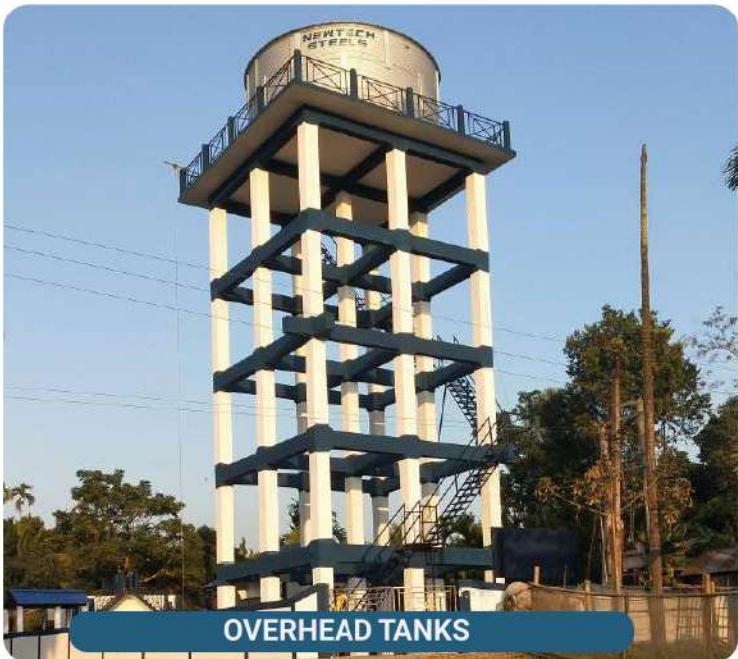
**ON THE GROUND TANK**



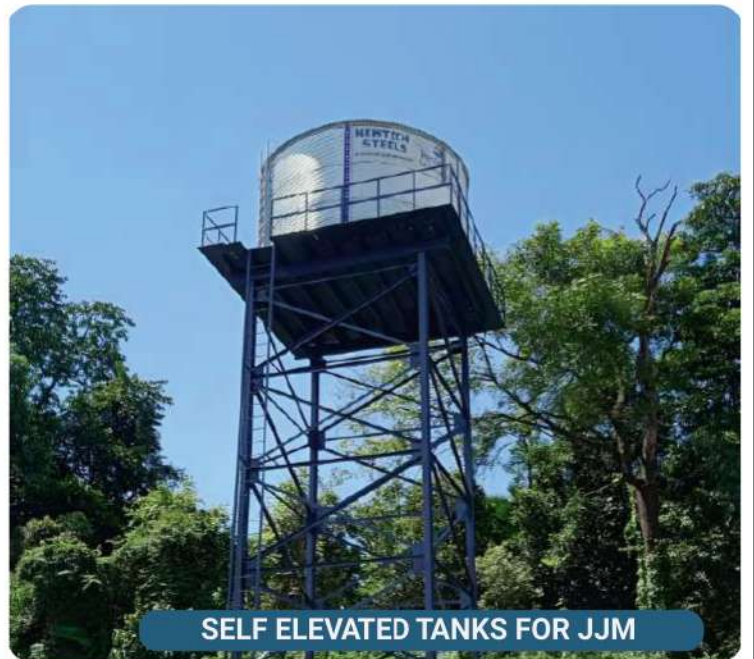
**ZN-AI CONICAL ROOF TANK**



**UNDERGROUND TANK**



**OVERHEAD TANKS**



**SELF ELEVATED TANKS FOR JJM**

# Installation Process



# Our Clientele



Ahluwalia Contracts (India) Ltd.



## Why Choose Us



### Manufacturing

Newtech Steels adheres to the highest industry standards in manufacturing, ensuring top-quality products and exceptional craftsmanship.



### On Time Delivery

We are committed to on-time delivery, ensuring clients orders are completed and shipped as promised, without delays.



### Minimal Wastage and Cost

Newtech Steels focuses on minimizing wastage and optimizing costs, ensuring efficient production and value for our customers



### Quality Guarantee

Newtech Steels offers a quality guarantee, ensuring that all our products meet the highest standards of excellence and reliability



### Low Maintenance Cost

We ensure low maintenance costs by delivering durable, high-quality products that require minimal maintenance.



### Customer Relationship

At Newtech Steels, we prioritize building strong, lasting customer relationships through exceptional service and unwavering commitment to customer needs.

**NEWTECH  
STEELS**  
M. 9990397610 7906582025



## Contact Us

**NEWTECH STEELS INDUSTRIES PRIVATE LIMITED**

+91-9205066656, +91-9205066657, +91-9205066671

[www.newtechsteels.com](http://www.newtechsteels.com)

[info@newtechsteels.com](mailto:info@newtechsteels.com)

Office- A-816, Tower A I-Thum, Plot No. A-40, Sector 62, Noida U.P. - 201301  
Factory- G-482,483 M.G. Road Industrial Area, Hapur, Uttar Pradesh- 245101

Quality Assurance

