



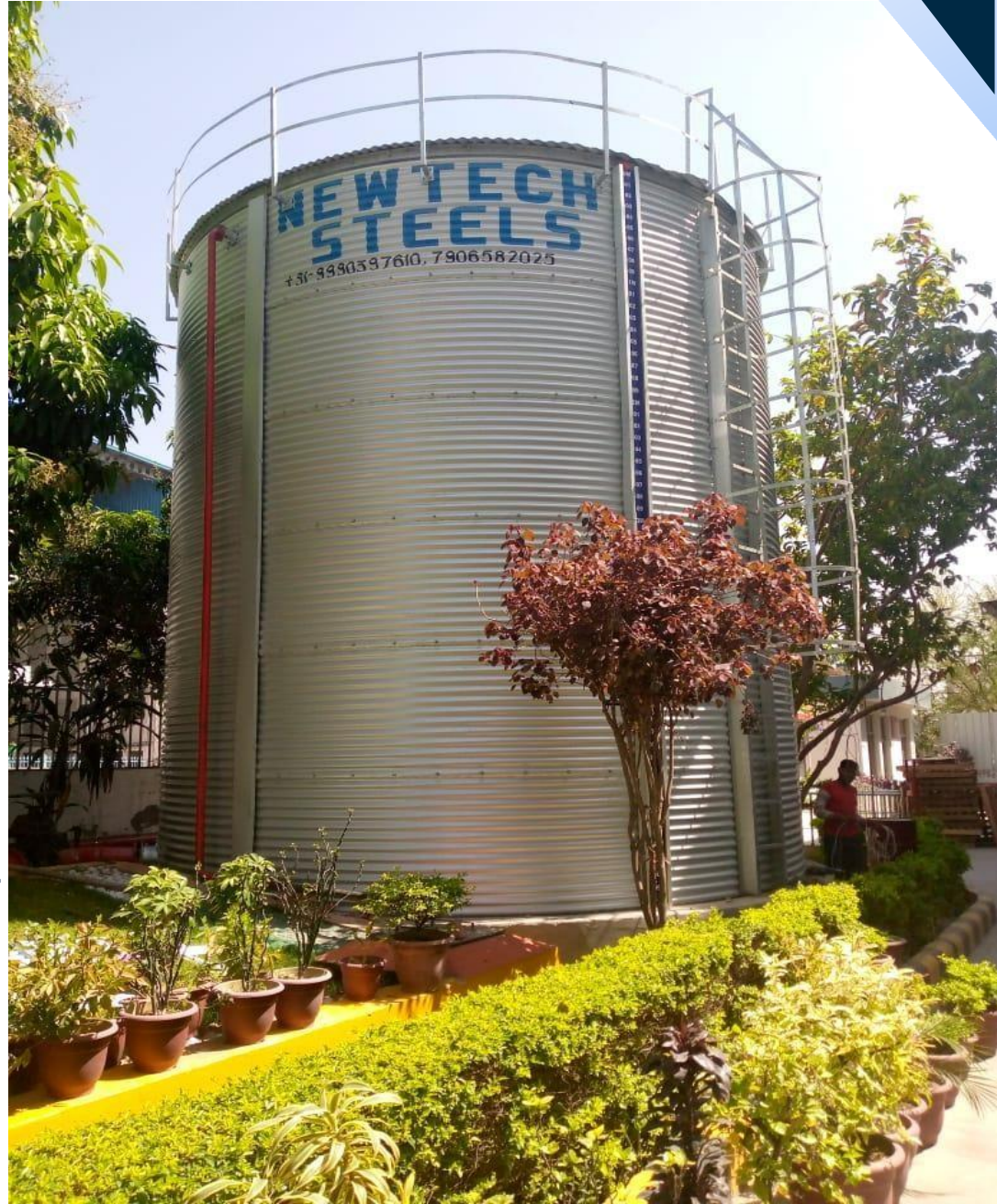
**NEWTECH STEELS**

CONSERVATION WITH INNOVATION

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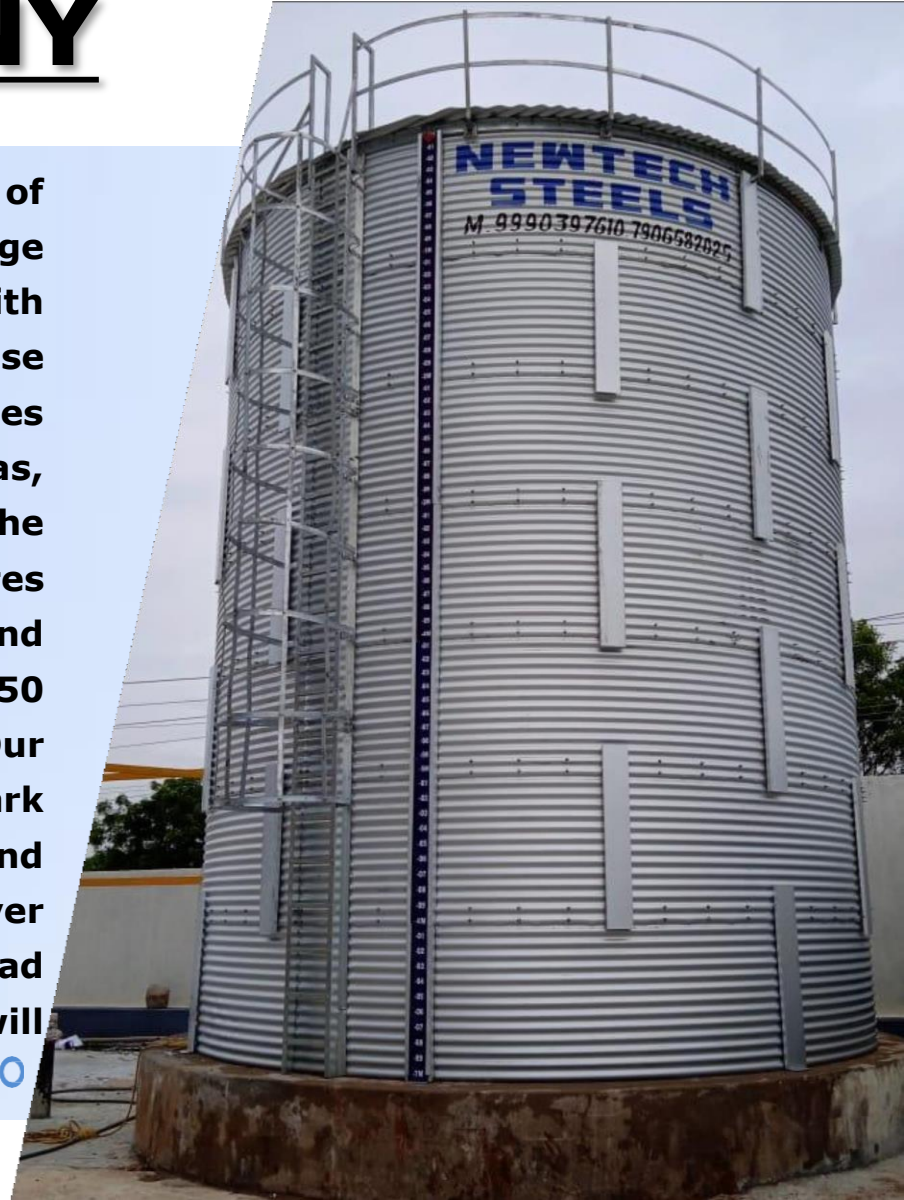
**“PRIMED FOR  
INNOVATIONS  
AND  
ODYSSEYS”**

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# OUR COMPANY

We Newtech steels are the manufacturers of Zincalume steel storage tanks and grain storage silos, located in Ghaziabad, nearby Delhi(NCR) with highly qualified professionals in our team. These tanks are available in various sizes & capacities suitable for liquid storage in several sectors such as, rural, residential, commercial and Industrial. The sizes of tanks, varies from 10000 to 10,00,000 litres and are customizable as per your choice and satisfaction. The lifespan of our tanks is up to 40-50 years with minimal to no maintenance cost. Our tanks are high in demand because of our trademark in Quality Products, best CRM services and excellence in committed time deliveries all over India and we are on verge of expansion in abroad with new products in our venture which will definitely add to our good market value. ○○○○





**We manufacture premium quality Bolted Panel Storage Tanks, Zinc Aluminium Tanks, PVC Liners and Grain silos, in accordance with the latest Australian AS 1397:2002, American standards ASTM A 792M and Indian Standards IS15961:2012, ISO 9364 & IS:9845. We cater various industries including breweries & distilleries, fire hydrant, rainwater harvesting, textile, food, water treatment and construction industry. Our tanks have been successfully used in storage applications like Potable water, Raw water, RO Water, Demineralized water, Rainwater, ETP, STP, WTP, chemicals(pH3-12),etc.**

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# **ABOUT US**

**Newtech Steels is set up by qualified professionals with vast experience of 6+ years in manufacturing, erection facility we have started and committed to create innovative ideas for storage tanks through constant research and development. Our dedicated team of planners, designers and construction engineers are highly proficient in turning vision into reality. We are pledged to deliver the best quality and innovative technologies to our clients. We are committed to provide consistent quality and on time delivery of products. Our professional team works efficiently to deliver projects on mountain tops as well with best reviews from satisfied clients.**



# **OUR PRODUCTS RANGE:-**

- **ULTRA PURE WATER STORAGE TANKS**
- **ZN-AL BOLTED PANEL TANKS**
- **PREFABRICATED G.I TANKS**
- **AQUACULTURE TANKS**
- **MOLASSES TANKS**
- **DM & WASTE WATER TANKS (ETP & STP)**
- **PVC COATED LINER**
- **GRAIN SILOS**
  - ➔ **HOPPER BOTTOM SILOS**
  - ➔ **FLAT BOTTOM SILOS**



# **Zn-AI 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 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/cm<sup>2</sup> for any leaks. We use SRF liners.

## **NOZZLES** →

Accordance of application and water quality, BS 10 table D, ANSI Standard Flanges can be provide to fulfil the clients requirement for connections. NTS use plate type nozzles with bolting in PCD which can sustain against the load.





# **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 4.61 Mtr 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.**



# **HOW NEWTECH STEELS ZINCALUME TANK IS BETTER?**

- **We provide extra protection against explosion of tank due to heavy volume storage by providing extra overlapping's on our tank sheets.**
- **We always provide hot dip galvanized nut bolts to provide protection against rust and a standard look.**
- **All structures like nozzles, roof truss, hold down brackets, truss, crossing are hot dip galvanized.**
- **We refrain from powder coating and paints.**
- **We provide Level Indicator with covers to protect the triangular indicator's movement in heavy winds and to ensure it moves upwards and downwards only.**
- **We provide only premium quality of zincalume sheet made by TATA BLUESCOPE only.**





**On The Ground**



**Partially Underground Tank**



**Overhead tanks (on the roof)**



**Underground Tank**



**Self Elevated Tanks (on structure)**

## COMPARISON WITH OTHER TECHNOLOGY TANKS

Features	Zn Al Tanks	MS Tank/SS Tank	RCC Tank	PVC Tank
Cost Per Litre (Rs)	Rs 3.50 to 10.50	Rs 5.75 to 32.00	Rs 5.0 to 12.00	Rs 5.0 to 12.00
Maintenance	Not Required	Highly Required/Not Required	Required	Highly Required
Food Grade	Yes	No/ Yes	No	No
Algae Formation	No	Yes/ No	Yes	Yes
Corrosin	No	Yes/ No	No	No
Relocation	Easy	Difficult	Not Possible	Easy
Weight	Light	Heavy	Very Heavy	Light
Expandable	Yes	Yes/ No	No	No
Expandable	Less than MS/SS/RCC/PV	More than Zn Al tank	Depend on temperature	Depend on temperature
Life of Complete Tank	40-60	7-12 Yrs/70-90	30-50Yrs	10-15 Yrs
Need Painting/Coating	No	Yes/ No	Yes	No
Installation	50% lesser than MS	Less than RCC	40-60 Days	Depend on requirement
Ready to use	Immediately	30% More than	Curing Time	Depend on
Manpower	60% less	15 - 20	20 - 25	NA
Site/Foundation requirement	Low	High	High	NA

**NOTE : PVC LINER ENSURE THAT WATER WILL NOT COME IN CONTACT WITH ZN AL WALL SHEET.  
NO CURING TIME REQUIRED, HENCE READY TO USE IMMEDIATELY.**



# OUR REPUTED CLIENTS



जल शक्ति मंत्रालय  
MINISTRY OF JAL SHAKTI  
DoWR, RD & GR



**Crompton  
Greaves**

**MILTON**  
Intelligent homeware



**metso  
Outotec**

**Genus**  
energizing lives

**Genus Paper & Boards Limited**  
(A Kailash Group Company)



**PHE & WS Department**  
Government of Arunachal Pradesh

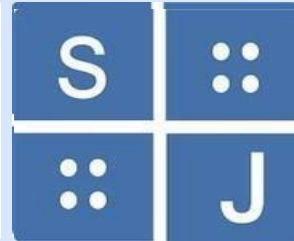


**SALASAR**  
Building a stronger future

**VIVANTA**

HOTELS & RESORTS

BY TAJ

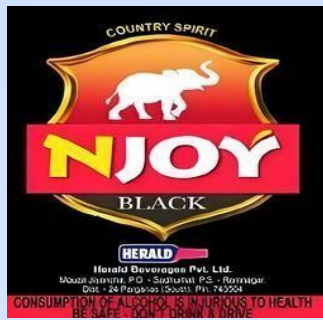


**DSM**

BRIGHT SCIENCE. BRIGHTER LIVING.



Passionate about Performance





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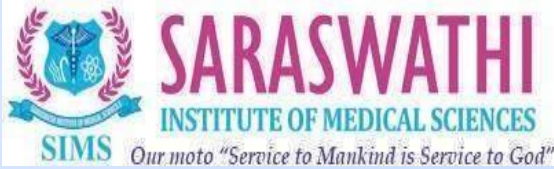
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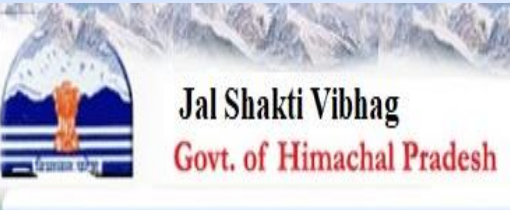
Public Health Engineering  
Department, Assam



Har Ghar Jal  
Jal Jeevan Mission











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CONSERVATION WITH INNOVATION



## NEWTECH STEELS

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### QUALITY ASSURANCE

