

# WELDED



## BH Steel Tanks, Security, Strength and Service

BH Tank specializes in welded tanks in storage capacities ranging from 1,000 to 100,000 gallons. In addition to our standard water storage tanks, we have in-house capabilities to take your design concepts from prototype to production and installation.

- POTABLE WATER STORAGE
- RECYCLED WATER
- DE-SALINATION PLANTS
- INDUSTRIAL PROCESS & COOLING
- WASTE-WATER PROCESSING
- AMMONIA DIFFUSION
- FIRE PROTECTION
- NFPA-22 INSTALLATIONS

BH Tank's services include initial consultation, engineer submittal, tank fabrication, coating systems, accessories (such as sparger tubes, level controls and gauges, ladders, platforms, anchoring devices, inspection and maintenance manways), foundation design and installation, tank padding, tank delivery and installation.



**BH TANK**  
INCORPORATED

# SPECIFICATIONS • SIZES • ACCESSORIES

- AWS & ASME CERTIFIED WELDERS AND PROCEDURES
- IN-HOUSE QA & QC PROGRAMS
- CAD & PROFESSIONAL ENGINEERING SERVICES
- STRICT ADHERENCE TO CODE AND INDUSTRY STANDARDS

Typical tank capacities range from 1,000 to 100,000 gallons. Tanks larger than 40,000 gallons are usually erected on-site. BH Tank also offers inspection maintenance and repair services for existing installations.

## SPECIFICATIONS

Standards
-AWWA D-100, API 650, UL 58, UL 142, AWS, UFC, UBC, UMC, NFPA-22 Approved, OSHA
Materials
-ASTM A-36 Structural Steel, ASTM A569 Carbon Steel -ASTM SA-240 304 & 316L Stainless Steel
Coatings
-All surfaces prepared to SSPC-SP-3 to SSPC-SP-10 -Interior surfaces are double coated for ultimate coating performance. -Exterior tank coating of industrial primer and heavy-duty enamel topcoat. -Standard colors of "Forest Green" or "Dunes Tan" or "White". Custom colors available . -Other surface preparations and coatings are available upon request.
Tank Appurtenances
-Interior ladders • Exterior Ladders w/ OSHA Cages & Guard-railing • Vents -FNPT (Threaded) Tank Bonnies & Couplings -150# RFSO (Flanged) Tank Nozzles -Target-type Reverse Liquid Level Indicators -24"- 30" Diameter Bolted Shell Manways -Engineered Seismic Anchors • Gravel Containment Rings -Other Options Available • Accessories per NFPA-22
Warranty & Maintenance
-Potable and NSF Approved tanks are warranted for ten years from date of delivery. All BH Tanks have a minimum design life of twenty years with minimum maintenance. Typical tank life expectancy without maintenance is approximately twenty to twenty-five years depending on water conditions. Tank life can be extended an additional twenty to thirty years with periodic maintenance depending on water conditions. BH Tank can provide cleaning, coating, and refurbishment services along with site consultation and turnkey installation. Copies of our warranty are posted on-line at <a href="http://www.bhtank.com">www.bhtank.com</a> .

## STANDARD WATER TANK SIZES

Gallons	Diameter	Height	Pounds
1,000	5'6"	6'0"	900
2,500	8'6"	6'0"	1,600
4,200		10'0"	2,400
5,000		12'0"	2,600
3,000	9'3"	6'0"	1,800
5,000		10'0"	2,500
6,000	10'0"	10'0"	2,800
7,500	10'3"	12'0"	3,250
10,000		16'0"	4,000
15,000	11'3"	20'0"	5,250
12,000	11'8"	15'0"	4,500
5,000	11'10"	6'0"	2,600
10,000		12'0"	3,900
15,000		18'0"	5,250
15,000	13'1"	15'0"	5,400
20,000		20'0"	7,600
30,000		30'0"	12,000
40,000		40'0"	15,000

## COMMON AMMONIA DIFFUSION TANKS

Gallons	Diameter	Height	Sparger
750	4'0"	8'0"	2"
5,000	7'6"	15'0"	3"
11,750	10'0"	20'0"	4"
15,600	11'0"	22'0"	5"
20,000	12'0"	24'0"	6"

## Standard Water Tank Appurtenances Included with Tank

- 20" Diameter Hinged Roof Lockable Manway
- One (1) 2-4" FNPT tank fitting
- Three (3) 1/2" - 2" FNPT tank fittings
- Two (2) Lifting Lugs

**Delivery:** BH Tank's trucks are equipped with hydro-cranes to safely accommodate most installations. Flat fee delivery rates may be negotiated in advance. BH Tank can arrange for delivery by Common Carrier or other transport to your jobsite location in anywhere in the continental United States, Canada or Mexico.

