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## CONTAIN WATER SYSTEMS INC.

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### CONTAIN WATER SYSTEMS INC. WATER TANK OPERATION MANUAL.

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Congratulations on purchasing a Contain Water Systems Inc. water storage tank. We pride ourselves on supplying the highest quality water storage tanks available today.

This user manual will identify the do-s / don'ts of your water storage tank, to ensure your warranty remains intact and that the tank functions to your expectations for many years to come.

Contain Water Systems Inc. Motto is “building relationships as strong as steel” this means we want you to be happy with your water storage tank. Therefore, we encourage you to call us anytime regarding the do's and don'ts for usage with your new water storage tank. 1855-H20-Tank.

Being a new owner of a Contain Water Systems Inc. water tank, you may already know the current status of your water tank warranty activation. If you do not know the current status of your water tank warranty activation please call us anytime. 1855-H20-Tank.

#### **Your warranty is not active if you have not completed the following:**

Upon the completion of a water storage tank installation it is required that the client immediately provide water for a leak test inspection. The client is responsible for providing water twice, (if required), in amounts equal (each fill), to 80% of the tanks capacity.



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If water is not available on the jobsite to complete this leak test inspection than the user has two options too choose from to engage there warranty:

**A)** Hire Contain Water Systems Inc. to mobilize back to site, (on the next available booking date), to perform this inspection.

**B)** Our clients are authorized to fill the tanks for the first time on their own and report any problems to Contain Water Systems Inc. upon the completion of filling.

**Option A** = \$2,400.00 USD Remobilization fee. Client must supply the required amount of water (80% of the tanks capacity), into the tank in a period of two days (2 @ 10 hour days). If this is not completed we will charge an additional \$1,200.00 per day standby fees. Contain Water Systems Inc. at its sole discretion has the ability to leave the project location permanently and request a second mobilization fee if the tank is not completed its initial fill test after a 3 day period. (3 @ 10 hour days). If a leak, failure or alteration requires attention our service technicians will complete the warrantable work – free of “additional” charges further than the mobilization charges.

**Option B** = \$FREE, however, it is at the complete responsibility of the owner to accept fault for any leaks, failures, damage and or issues. If the tank experiences any failure, leak, damage and or issues Contain Water Systems Inc. will be hired as per standard mobilization rates and time / material costs to correct the issue and re-engage the warranty. If Contain Water Systems Inc. is not onsite for the leak inspection test it is required that the user send Contain Water Systems Inc. 360 degree videos and photos for review prior to and after the leak test inspection. These steps are required to ensure Contain Water Systems Inc. has the opportunity to view the tank digitally prior to engaging the warranty. Contain Water Systems Inc. at its sole discretion can decline and or engage warranty activation with this option based on research of the digital photos provided.



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Upon the completion of the tank installation (regardless of water testing), Contain Water Systems Inc. requires a construction sign off completion form is signed and returned to Contain Water Systems Inc. project supervisor. Warranty will not be activated on any tank without receipt and acceptance of a completed construction completion form and leak test inspection.

Please be weary of online companies claiming they can provide service to your tank. Contain Water Systems Inc. has two approved technician companies available. **Aqualine Water Tanks & Pro Tank Installation.** Both companies are the best in the industry and are certified to perform work on Contain Water Systems Inc. tanks. Anyone else working on a Contain Water Systems Inc. water storage tank will effectively and immediately void the warranty.

\*If any of these terms are not acceptable please contact us 1855-H2O-Tank.\* Any deviations to these terms must be agreed to in writing by senior management of Contain Water Systems Inc. Purchase order inclusions and exclusions do not trump this agreement and this agreement is the final and binding agreement between both the seller and purchaser. Unless otherwise and specifically agreed to in writing by senior management of Contain Water Systems Inc.

It's important to us that your water storage tank perform at its maximum capability and therefore following our guidelines will ensure you have a great experience with our products.

### **Water Storage Tank - Don'ts:**

- 1) Contact Contain Water Systems Inc. prior to adding any water into the water storage tank after it has been sitting empty for more than 24 hours. 1.855.H2O-TANK. Our friendly staff will walk you through inspection steps to ensure a proper fill. There are many weather conditions that can effect a tanks re-fill performance after it's been dry for 24



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hours and Contain Water Systems Inc. wants to ensure your water tank is operating at its maximum operating potential each and every time you require it.

- 2) Don't fill your tank after it's been empty and or for the very first time without having Contain Water Systems Inc. review your tank. Take digital photos (high resolution), 360 degrees outside, inside from the inspection hatch and of the roof from the exterior ladder. Take photos of the tank liner, seams, flanges and foundation. Contain Water Systems Inc. will review these photos and provide advice on tank filing.  
[administration@containwatersystems.com](mailto:administration@containwatersystems.com). Contain Water Systems Inc. reserves the right to reject the client from filing the tank without a certified technician onsite if deemed necessary. Failure to comply will result in immediate warranty cancelation and we don't want this to happen to any of our customers.
- 3) Don't fill your water storage tank unless all your accessory flanges have pipe stand supports. All exterior piping must have adequate support pipes.
- 4) Don't allow anyone inside your water storage tank. Don't perform and or enter the water storage tank yourself. No tradesman of any nature may enter the tank, puncture the tank walls and or perform work inside the tank without the written permission of Contain Water Systems Inc. Any exterior piping or conveyances must be pre-approved in writing from Contain Water Systems Inc. Any exterior piping and conveyances must be completed in accordance with Contain Water Systems Inc. standard conveyance procedures. Please call Contain Water Systems Inc. to procure these procedures. 1.855.H2O-TANK.
- 5) If Contain Water Systems Inc. approves exterior conveyance plans – Contain Water Systems Inc. holds no liability to tank failures, damage and or leaks incurred by faulty work of a secondary contractor, owner and or person(s) providing the work.
  - Improper tightening of the flanges. Please call Contain Water Systems Inc. for instructions. 1.855.h20.tank.
  - Excessive wrenching on the sidewalls.
  - Bolting into the tank wall, roof, structure and or exterior tank components.



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- Liner blowing to the middle of the tank due to leak test inspection delays.
- Foundation Failures: Contain Water Systems Inc. provides a foundation recommendation, however, it is at the sole requirement of the user to confirm the foundation recommendation with a local, licensed engineer whom is professionally engaged in the construction of foundations for large structures. The user is completely responsible for the foundation construction, liabilities and or performances involving the foundation, design, workmanship and warranty.
- Sharp objects, debris in / around the tank during and after installation. The water storage tank liner is an internal sealer that will outlast any storage coating in the industry with normal use, however, if penetrated by debris, rodents and or sharp objects it will fail.
- Improper storage of liquids not included in the water storage tank purchase of sale. Contain Water Systems Inc. engineers water storage tanks. Unless agreed in writing between Contain Water Systems Inc. and the user the tank shall only hold water with a standard specific gravity. If anything is mixed with water and or added to the storage tank (besides water), the warranty is void for the life of the water storage tank.
- No one is allowed inside the water storage tank for any reason and at any time without either A) Written permission from Contain Water Systems Inc. and or B) A certified Contain Water Systems Inc. technician. The user and or any tradesman may not enter the tank or the warranty immediately voids. Contain Water Systems Inc. has a safety line installed inside the tank that will show evidence of tank entrance / exiting.

**Contain Water Systems Inc. supplies a multitude of accessory components. Accessory components shall be viewed and approved by the purchaser prior to the purchase of sale. The client is responsible for confirming the code compliancy of said accessories and the client is responsible for confirming the accessory will work as expected.** Please contact Contain Water Systems Inc. for further information regarding to tank accessories and code compliances.



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### Tank accessories & Code Compliances:

Contain Water Systems Inc. does our best to stay abreast of the ever changing codes and compliances in the water storage tank industry, however, due to the fact that we sell all over the world and due to the fact that codes are always changing. Contain Water Systems Inc. will quote out our best understanding of accessories required to meet each specific code compliance, however, it is the user's responsibility to verify everything in the Contain Water Systems Inc. quote as well as engineering package meets local requirements. This responsibility falls (IN FULL) to the user purchasing the tank from Contain Water Systems Inc. Furthermore, Contain Water Systems Inc. quotes, engineering packages and accessories complete a water tank – NOT a water tank system.

### Water Tank VS Water Tank System.

A Water Tank is a structural shell designed to meet local seismic zones, geographical requirements and wind / snow loading requirements. A water tank includes an internal liner, pre-liner, roof structure, wall structure, anchor supports, flange fittings and internal accessories. A water tank sold from Contain Water Systems Inc. is not a "Water Tank System".

A Water Tank System is a "water tank" designed to meet specific code compliances through the use of internal and external conveyance systems and accessories.

**Code Compliancy items:** Contain Water Systems Inc. designs a water storage tank "STRUCTURALLY" designed to meet the application of the applicable code, however, it is the customer's responsibility to ensure the accessories meet the code compliancy and or user expectations.



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Contain Water Systems Inc. provides a (structural) code compliant water storage tank – not a water storage system.

### EXAMPLE:

Contain Water Systems Inc. is requested to provide a proposal for an NFPA 22 compliant fire protection water storage tank in a cold region. Contain Water Systems Inc. will engineer a structurally compliant water storage tank to meet the design criteria of NFPA 22 (structurally), we will also include an immersion heater, insulation, anti vortex suction flange, overflow flange however, it is the user's responsibility to confirm that the accessories quoted are code specific and operate to the code requirements. This information can be verified through your county inspector, county officer and or local fire marshal. Contain Water Systems Inc. holds no risk and or liability in regards to designing a code compliant tank further than the structural design and engineering of the tank body structure.

**IE:** NSF 61 / ANSI Potable Water Storage Tanks. Contain Water Systems Inc. will engineer, supply a NSF 61 / ANSI approved liner including a structurally designed tank structure, however, it is the complete responsibility of the client to complete the potable rated system design with the proper conveyances. Contain Water Systems Inc. holds no liability and or risk associated with the storage of potable water for human and or animal and or vegetation consumption. A Contain Water Systems Inc. potable water storage tank is not authorized to be permitted for use of consumption in any means if a proper tank (system), is not incorporated into the design by the user.

Contain Water Systems Inc. recommends performing an exterior review of your water storage tank each 6 months to ensure everything looks as designed.

### CHECKLIST:



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Foundation and anchors are intact.

No cracks or deficiencies in the foundation.

Tank walls appear to be round and free from abrasion and or damage.

Roof of the tank appears to be intact and free from abrasions and or damage.

Visual inspection of the tanks interior from the inspection hatch to confirm the liner is intact and that all the clips are secured. No damage has incurred to the liner, no damage has incurred to the interior roof.

Checking your filter baskets, inlet pipes and tank water access ports to ensure they are free of debris.

Lastly, to ensure years of use as the water storage tank is intended for please be sure to perform standard winterization steps.

Drain all water from the tank during the winter months, clear all lines of standing water and or add winterization products to your tank such as heating elements, insulation and or circulating systems to ensure the water in your tank does not freeze.

Please contact Contain Water Systems Inc. prior to performing any work on your water storage tank as to eliminate breaching your warranty and hindering your tanks performance.

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