

CST Ladder Systems

For Bolted & Welded Storage Tanks

Technical Data Sheet

CST

AQUASTORE®

TecTank™

HARVESTORE®

All CST+ Ladder Systems are equipped with a personal fall arrest system.

OSHA COMPLIANT
New Fixed Ladder Regulations

CST offers a variety of ladder systems to fit customer's specific needs and provide total ladder climbing safety for workers on any site.

CST Ladder Systems offer a ladder with more than 60 years of safe climbing history. Installation of CST's Ladder Systems means instant compliance with OSHA's fixed ladder regulations.

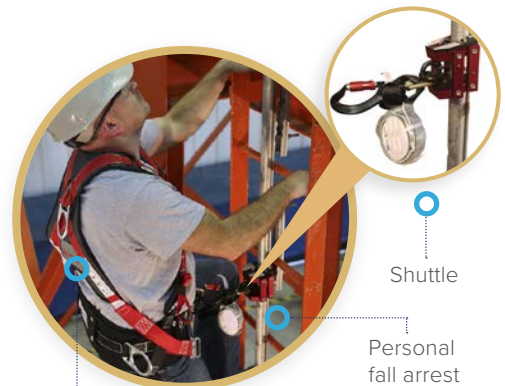
Multiple OSHA compliant configurations to suit your needs

Made in the USA

Personal fall arrest systems are available with options of a fixed cable or rail system

Extra heavy duty industrial aluminum ladder

Cage and platforms available in galvanized steel



Shuttle

Personal fall arrest system - Solid rail and rung clamps



Personal fall arrest system - Cable sleeve system

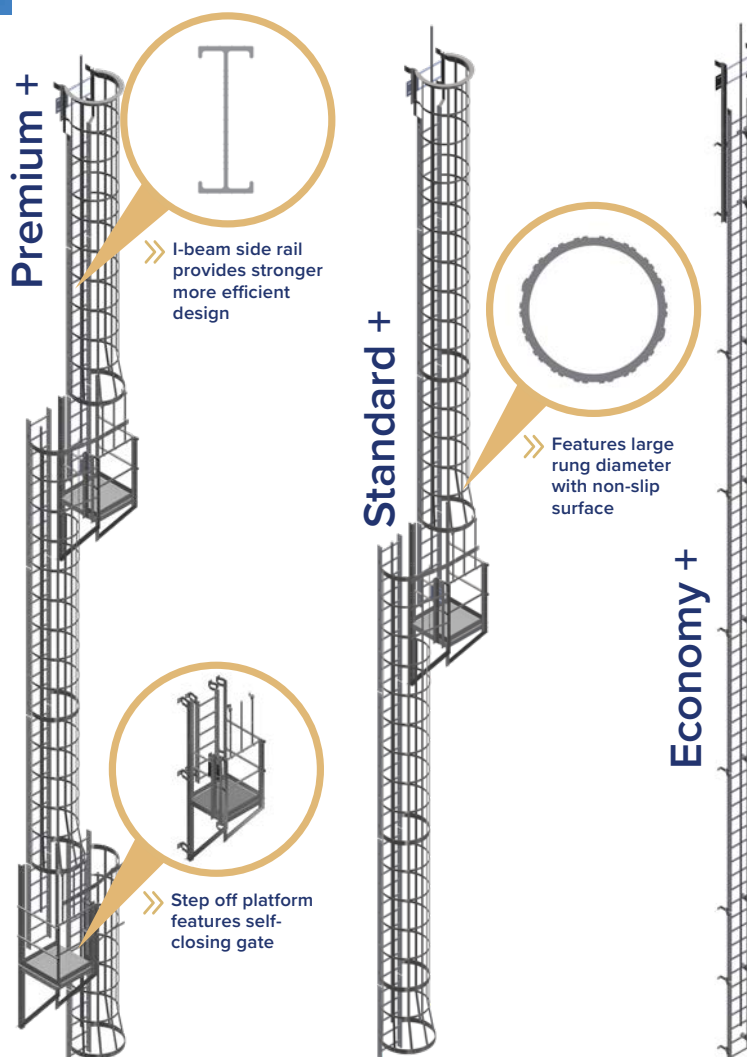


FAQ's regarding OSHA changes

OSHA is phasing out the use of ladder cages as fall protection over the next 20 years as part of recent changes to 29 CFR 1910, Subpart D. The following list provides details on a few of the changes that are most applicable to fixed ladders:

- Fixed ladders that extend more than 24 ft. above a lower level and installed prior to 11/19/2018 must be equipped with a ladder safety system (i.e. personal fall arrest system and/or a cage).
- Each fixed ladder installed on and after 11/19/2018 is equipped with a ladder safety system (a cage is no longer considered as a ladder safety system).
- When a fixed ladder or cage, or any portion thereof, is replaced, at minimum a personal fall arrest system is installed in the section where the replaced section is located.
- On and after 11/18/2036, all fixed ladders are to be equipped with a personal fall arrest system.
- When equipped with a personal fall arrest system, a fixed ladder must have rest platforms at maximum intervals of 150 ft.
- When equipped with a cage, fixed ladders must have offset landing platforms at maximum intervals of 50 ft.
- A cage can be used in combination with a personal fall arrest system provided the cage does not interfere with the operation of the system.

For more information call +1 844-44-TANKS or visit us online at www.cstindustries.com.



CST Ladder Systems	Applicable Heights (ft.)		Compliance ⁽¹⁾				Included				
	< 24	24 - 150	OSHA 1910	AWWA D103 ⁽²⁾	ASCE 7-10 Sect. 4.5.4	CCR Title 8 Sect. 3277	Safety Cage	Rest Platform < 30 ft.	Rest Platform < 50 ft.	Self-Closing Gate	Personal Fall Arrest System
Premium +	X	X	X	X	X	X	X	X	X	X	X
Premium⁽³⁾	X	X ⁽⁴⁾	X	X	X	X	X			X	
Standard +	X	X	X	X	X		X		X	X	X
Economy +	X	X	X	X	X					X	X
Economy	X		X	X	X					X	

Note:

1. Ladder compliance to any regulations not listed can be achieved but may require custom features
2. AWWA D103 compliance is for bolted tanks only
3. Premium ladder is comparable to CST legacy ladder
4. Premium ladder for these heights and to be installed in the U.S. requires a signed waiver
5. Harvestore agricultural applications not requiring OSHA compliance (as defined by OSHA), ladder and cage option is available

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