



API 650 Storage Tanks

Custom Built For Your Needs

Shop fabricated API 650 storage tanks are more robust than their API 12F counterparts and can be designed to withstand the most demanding applications and environments.



25 BBL TO 4000 BBL

Shield can design, build, finish and transport tanks up to 4,000 BBL with diameters up to 23'9".



ENGINEERED MODIFICATIONS

Wide-range of engineered modifications available including oval manways, skirted cone bottoms, and more.



COMPLIANT DESIGNS

Using industry leading design software AMETank™, we ensure that your tanks are API 650 compliant and safely designed.



1 YEAR WARRANTY

All Shield storage tanks come with our standard 1 year manufacturer's warranty.

COMMON API 650* SHOP FABRICATED TANK SIZES

* Tanks over 20' in diameter are considered API 650 Appendix J Modified

NOMINAL CAPACITIES UP TO

4000_{bbl}

DESIGN PRESSURES UP TO

40_{oz/in²}

OPERATING TEMPERATURES UP TO

260_{°C}

Nominal Capacity (bbl)	Outside Diameter	Height
1000	15'3"	32'
1000	17'3"	24'
1000	21'6"	16'
1500	21'6"	24'
2000	21'6"	32'
2500	23'6"	32'
3000	23'6"	40'
3500	23'6"	45'
4000	23'6"	52'

The API 650 standard allows us to design storage tanks to meet a wide range of dimensional requirements, from short and stubby to tall and skinny. All our API 650 designs are supplied with calculations to confirm compliance.

Options & Appurtenances

We have a wide range of options and appurtenances available for our storage tanks including but not limited to:

- ✓ Sweet or Sour Service
- ✓ API 650 Skids
- ✓ Sacrificial Anodes
- ✓ Skimmers
- ✓ FRP Internals
- ✓ Clarifier Assemblies
- ✓ Single or Double Wall
- ✓ Mixers
- ✓ Platforms
- ✓ Stairs
- ✓ Cabinets
- ✓ Steam Coils
- ✓ Flat, Sloped or Cone Bottoms
- ✓ EnviroVaults™
- ✓ Fire Tubes
- ✓ Sampling Lines
- ✓ Heaters
- ✓ Desand Rings
- ✓ Internal Floating Roofs
- ✓ Painting / Coating
- ✓ Spray Foam Insulation
- ✓ Cladding
- ✓ P.Eng. Stamp

TURN-KEY SOLUTION

Shield will safely build, finish and deliver all your storage tanks, on time and on budget. We understand that every project leads into the next and our customer's success is dependent on our ability to execute.



BUILD



FINISH



TRANSPORT

For more information or to request a quote,

Visit shieldindustries.ca or call 403-223-2544

