

TDG ENGINEERING BY PRO SOLVE

ProSolve's engineered designs uphold and comply with TDG regulatory and legal requirements. This includes innovative, engineered design solutions that ensure safety.

From expanding your product line of dangerous goods vehicles to producing design changes for existing units, ProSolve turns your challenges into assets.

We develop facility registration applications in addition to complete TCRN and amendment packages.

ProSolve delivers results.

FACILITY REGISTRATIONS

ProSolve works collaboratively with transportation businesses to register facilities and quality programs with Transport Canada and the Provincial Pressure Equipment Safety Authorities (eg. ABSA and ASME—"U" stamp), so your company can manufacture, repair, or alter TDG vehicles under CSA B620.

TCRN SUBMISSIONS

ProSolve amends existing TCRNs or submits new designs for registration. We are experienced in the engineering and design of a broad range of highway tanks (TC 331, 406, 407, 412, and 407/412 dual unit) from short, truck-mounted units to semi-trailers, including combination units such as hydro-vacs.

INNOVATIONS

ProSolve engineered and designed the first:

- a) dumpgate with CRN registration, and
- b) boom shear section for TC 407/412 units that satisfied CSA B620 requirements.

For more information on our Mechanical Engineering Services, please see **ProSolve Mechanical Engineering Services**.

EXPECT EXCEPTIONAL PERFORMANCE WITH PRO SOLVE'S TDG SERVICES

- Register products to satisfy CSA Standard B620.
- Register your facility to manufacture, modify, assemble, repair test and inspect units for TDG.
- Design bumpers and damage protection devices for nozzles and meters.
- Design TDG pressure vessels per B620 and the ASME Code.
- Design booms for hydro-vac and vacuum units.
- Calculate truck weight distributions.
- Develop TDG general arrangement drawings and piping diagrams.
- Complete TDG designs and engineering for custom products.
- Prepare full CSA B620 TCRN applications—fast!

IMPLEMENT SOLUTIONS. MINIMIZE RISK. ENHANCE PRODUCTIVITY.