

The Canadian fertilizer industry is dedicated to a safer future for people and the planet.

Protecting both people and planet, Canada's fertilizer industry takes a proactive approach to safety and security. We promote safe practices from manufacturing, to handling, storage, transportation, and application. Fertilizer Canada has developed world class codes of practice, educational programming, and has standardized compliance and enforcement of product handling procedures.



Codes of practice

The Canadian fertilizer industry is a world leader in making sure safe and secure practices are integrated and enforced at every step of the industry process.



Hundreds of certified sites

Over 437 retail sites are certified compliant by a third-party audit with the applicable codes and undergo a required audit on a 2-year cycle to maintain certification.



Dedicated training and awareness content platform

Online training ensures people who handle fertilizer products have the knowledge to stay safe – including farmers, retailers, and first responders.

Fertilize S.A.F.E.

A best-in-class safety stewardship program, Fertilize S.A.F.E works to educate, enable, and empower those throughout the fertilizer supply chain. The use of industry enforced codes of practice, educational resources, and training tools, help define safety and security for all industry players.

COMPLYING WITH FEDERAL AND PROVINCIAL STANDARDS

Taking an active management approach, our codes of practice ensure we are meeting and exceeding industry standards across Canada. Members comply with all provincial and federal regulations and go above and beyond by incorporating industry best practices. With a third-party auditing system and quality assurance control program in place, we know our members are living up to and exceeding expectations.



Four pillars of Fertilize S.A.F.E.:

- S** - Standardized codes of practice
- A** - Accessible industry resources
- F** - Focused industry education
- E** - Early and enforced industry adoption

Our supply chain has safety built in, every step of the way.

1. Manufacturing

Manufacturers are subject to federal and provincial regulations and laws.

2. Transport

Fertilizer Canada provides specialized training and a standardized set of processes for safe handling and transporting of anhydrous ammonia to meet the requirements outlined in the Canadian Transportation of Dangerous Goods (TDG) Regulations.

Courses are offered through Fertilizer Canada's e-learning platform on driver fatigue, and safe storage and handling to ensure truck drivers and transload operators know how to keep themselves and employees safe.

3. Distribution/Retail

Fertilizer Canada conducts audits, offers courses on the safe handling and storage of fertilizer products, and keeps members informed of any updates or changes in regulation through close communications.

Courses are offered through Fertilizer Canada's e-learning platform on security of handling and storing ammonium nitrate-based fertilizers. The

On Guard e-learning program also teaches retailers how to spot people buying fertilizer for nefarious purposes and their responsibilities for reporting to the RCMP.

4. Application

Fertilizer Canada's e-learning courses ensure retailers and farmers know how to safely handle, store, and apply fertilizer products.

Safety through the supply chain



Safely: Feeding Canadians. Feeding the world. Feeding the economy.

Fertilizer Canada is proud of the proactive steps the industry has taken over the years to become and stay a world leader in safety and security. A stable regulatory environment that prioritizes safety while creating the conditions for this \$23.6 billion industry to stay competitive will help grow the industry even further.

Proactive approach to safety: First responders program

Safety is the number one priority of the industry, which is why Fertilizer Canada takes a proactive approach to training and education on responding to an agricultural anhydrous ammonia incident. In partnership with the Paramedic Association of Canada, Canadian Association of Fire Chiefs, and the Canadian Association of Chiefs of Police, Fertilizer Canada launched an update of the Anhydrous Ammonia Awareness for First Responders program, giving the first responder community the educational resources needed to keep themselves and others safe.

THE TRAINING TEACHES HOW TO:

Identify anhydrous ammonia's basic properties and its uses

Safely respond to an agricultural anhydrous ammonia incident

Perform first aid in the event of anhydrous ammonia exposure

Establish emergency plans



Above: an ammonia nurse tank.

Collaborating with government: Ammonia nurse tanks

What is an ammonia nurse tank? A steel, cylindrical tank used for the application and transportation of anhydrous ammonia.

In 2018 the federal government required compliance with new regulations for hydrostatic testing for non-post weld heat treated nurse tanks. Fertilizer Canada worked with the government to find the best ways to implement these new requirements from a science-based policy perspective that would prevent negative effects for the spring seeding and keep Canada competitive internationally. With an impressive record of compliance and proactive solutions, the government issued an Equivalency Certificate which allowed the industry to comply with more recent standards that better reflected the unique needs of the ammonia sector before they came into force.