



## Important Update on Ammonium Nitrate

There have been important changes in the 2017 Ohio Fire Code (OFC) which may affect entities that store, use, manufacture, process or handle Ammonium Nitrate (AN). Here's what you need to know:

- AN is defined in the OFC as “a chemical compound represented by the formula  $\text{NH}_4\text{NO}_3$ .”
- Per Ohio Administrative Code 1301:7-7-01(E)(3)(d), OFC 105.1.1.1.4, an annual explosives permit must be obtained from the State Fire Marshal (SFM) for the storage, use, manufacture, processing or handling of ammonium nitrate in either solid form or prill form for any facility that will at any time have an aggregate quantity of ammonium nitrate on-site in excess of 5,000 pounds. This explosives permit expires annually on July 1.
- This permit is in addition to any discretionary permit required by the local fire code official.
- This requirement does not apply to AN regulated by the United States Department of Transportation (US DOTn).
- This OFC change poses no additional explosives permit requirements on entities storing any amount of AN that already have an explosive magazine permit from the SFM.
- SFM is now accepting explosives permit applications from entities that store, use, manufacture, process or handle AN.
  - Permit application for **Explosives Storage & Explosive Material** is found here: [https://www.com.ohio.gov/documents/fire\\_ExplosiveMagazinePermit.pdf](https://www.com.ohio.gov/documents/fire_ExplosiveMagazinePermit.pdf)
  - Permit application for **Explosive Manufacturing/Processing** is found here: [https://www.com.ohio.gov/documents/fire\\_ExplosiveManufacturingPermit.pdf](https://www.com.ohio.gov/documents/fire_ExplosiveManufacturingPermit.pdf)
  - Please note the permit requirements consist of: FBI Background check; proof of \$100,000 surety bond or liability insurance if storing or \$1,000,000 if manufacturing; magazine location map; on-site inspection by SFM Inspector for compliance with the Ohio Fire Code.
- Questions? Contact the Testing & Registration Bureau at [webfmtr@com.state.oh.us](mailto:webfmtr@com.state.oh.us) or 614-752-7126.