

# Flexible Energetics Facility



Use of DoD imagery does not constitute or imply endorsement.



## Affordable Performance

ATK's state-of-the-art Flexible Energetics Facility (FEF), established in 2008, is a proven force in the development and scale-up of energetic ingredients.

World-class technical staff, including synthesis chemists, design engineers, pilot plant engineers, and safety analysts work with customers to meet their needs through innovative processes. The FEF team has the capacity to produce and analyze materials in quantities ranging from laboratory gram scale to hundreds of pounds produced on the pilot plant scale. This full-service facility offers cost-efficient and environmentally-friendly solutions for any energetic development or production need.

Reactions can be conducted in batch, semi-batch, or continuous processes. Ingredients that have been synthesized in the FEF include:

- DEMN
- TATB
- CAN
- DNFOA
- NTO
- BDNPA/F
- BDNPN
- BTNEN
- BTTN
- 2-EHN
- MeNQ
- ADNTF
- 9-DT-NIDA
- HBNO
- BT
- TEX

The FEF also has the ability to produce energetic ingredients for the emerging family of insensitive munition explosives.



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