

# JOPLIN OPERATIONS

Demilitarization &  
Explosive Waste  
Disposal Services

OTS FACILITIES

JOPLIN, MO

## LOCATION OVERVIEW

General Dynamics-OTS Munition Services is the World Leader in incineration of explosive devices and wastes, along with the demilitarization of most munitions. We provide complete demilitarization and explosive waste disposal services, including: characterization, analysis, transportation, storage, disassembly, treatment and disposal.

Our advanced incineration process and technical support provides superior explosive waste disposal services. Our well-trained, full-service team has extensive knowledge, and decades of experience in the handling and disposal of explosive and hazardous waste material. Our facility features the only commercial hazardous waste incinerator in the United States that was designed specifically for the disposal of explosives, munitions and reactive wastes.

Our extensive knowledge in the disassembly and treatment of most types of munitions is enhanced by the design and manufacturing knowledge of current and new munitions. We have developed and operated manual, semi-automated and fully automated demil lines for small and large munitions and submunitions alike including: 40mm HEDP, large caliber illuminating rounds, most of the 155mm cluster rounds, many CBUs and their submunitions, MLRS, ATACMS as well as smokes, flares and illuminating munitions.





**KEY PROCESS CAPABILITIES**

- » Rotary Kiln and CBF Incinerators designed for treatment of explosives and explosive devices. Typically treats ~1 million pounds per month
- » MLRS Family Demil including download and demating of the missiles, demil and thermal treatment of the motors and download, disassembly and thermal treatment of the cluster munition containing warhead
- » CBU download, disassembly and incineration of the components for many types of versions including CBU-52, 58 and 71, CBU-87, Rockeye and ISCB-1
- » DPICM round download, disassembly and thermal treatment of the submunitions including M42, M46, M77, M43 and AP and AT Mines
- » Thermal treatment of millions of pounds of Nitrocellulose propellants in a dedicated contained facility
- » Disassembly and/or size reduction of HE filled rounds, projectiles and warheads
- » Disassembly and incineration of munitions containing HC and colored smokes, CS/CN riot control devices, flares, signals and illuminating candles
- » Disassembly and treatment of propelling charges and bulk propellants
- » Storage of >360,000 NEW pounds of 1.1 and/or 1,000,000 pounds of 1.3 explosive

**FAST FACTS**

**Joplin is a global leader in:**

- » Automated Ammunition Disassembly and Demilitarization
- » High volume, safe, thermal treatment of explosive and subcomponents
- » High volume Explosive HW incineration with no OB/OD
- » Management of explosive wastes from the defense, airbag manufacturing, and the oil well service industries
- » Facility designed and permitted to handle all classes of explosives 1.1 -1.6

**Facility maintains all the required permits and licenses, including:**

- » RCRA, Air, Water, ATF, DOT
- » ISO certified - 9000:2015, 140001:2015 and 450001:2018
- » DOD 4145.26M Contractor Safety Manual compliant
- » Licensed Foreign Trade Zone allowing demil of U.S. Munitions List items