CAPABILITY STATEMENT

Precision Manufacturing Partner Supporting the U.S. Defense Industrial Base

ISO 9001:2015 Certified | ITAR Registered | CAGE: 1AWR7

COMPANY OVERVIEW

Brass Aluminum Forging Enterprises (BAFE) is a Michigan-based precision manufacturer supporting the U.S. Defense Industrial Base and other high-reliability industries through integrated forging, machining, thermal processing, finishing, and engineering capabilities. BAFE delivers high-integrity nonferrous components for aerospace, defense, firearms, industrial, powersports, and safety applications where durability, precision, and consistent performance are non-negotiable.

CORE CAPABILITIES

PRECISION FORGING

- Closed-die nonferrous forgings
- Brass, aluminum, copper, and bronze alloys
- Near-net-shape solutions
- Prototype through high-volume production
- Press Capability: up to 2500 Tons
- Strike Envelope: up to 29” x 22”

SECONDARY MANUFACTURING & FINISHING

- CNC machining and precision secondary operations
- Drilling, milling, turning, and tapping
- Polishing, tumbling, shot blast, deburring
- Assembly-ready component preparation

THERMAL PROCESSING

- Heat treating and stress relieving
- Material conditioning for mechanical performance
- Process support for durable, high-integrity components

ENGINEERING & TOOLING

- Tool and die support
- Design-for-manufacturability collaboration
- Process optimization and prototyping support

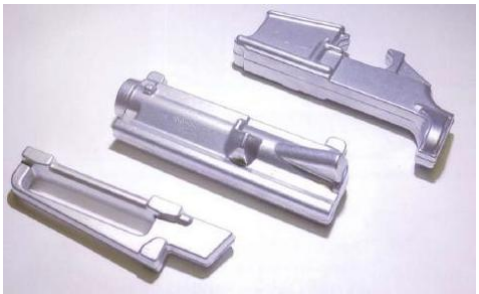
TARGET MARKETS

- Defense & Military
- Aerospace
- Firearms
- Industrial Equipment
- Automotive
- Powersports
- Safety Systems

WHAT DIFFERENTIATES BAFE

- Domestic manufacturing supporting resilient U.S. supply chains
- Integrated forging, machining, finishing, and thermal processing workflow
- Engineering-led solutions focused on manufacturability and material integrity
- High-reliability manufacturing for defense, firearms, industrial, and demanding applications

One Partner. One Process. Complete Solutions.



QUALITY | COMPLIANCE | CONTRACT READINESS

QUALITY, COMPLIANCE & GOVERNMENT CONTRACT READINESS

QUALITY & COMPLIANCE

- ISO 9001:2015 Certified
- DDTC Registered ITAR Manufacturer
- NIST SP 800-171 Self-Assessment – Complete
- CMMC Level 1 Self-Assessment – Complete
- CMMC Level 2 – In progress
- JCP Certified; DLA Enhanced Validation Approved
- AS9100 Stage 2 scheduled – 11 January 2027
- Evaluating IATF 16949 certification pathways

GOVERNMENT CONTRACT READINESS

- Supports U.S. Defense Industrial Base, federal agencies, Primes, and subcontractors
- Prime contractor subcontracting and industrial base supply chain participation
- FAR / DFARS awareness and transaction-specific flow-down implementation
- Domestic sourcing and industrial resilience initiatives
- Increasing capacity to support surge options

COMPANY INFORMATION & CODES

COMPANY INFORMATION

Legal Name: Brass Aluminum Forging Enterprises, LLC
Location: 965 Wanda St., Ferndale, MI 48220
UEI: G3KPHVBFHDX7
CAGE: 1AWR7
Primary Focus: Precision nonferrous forgings & machined components
Business Type: Manufacturing / Industrial Supplier

NAICS CODES

- 332112 - Nonferrous Forging
- 332710 - Machine Shops
- 332994 - Small Arms, Ordnance & Ordnance Accessories Manufacturing
- 336413 - Other Aircraft Parts & Auxiliary Equipment Manufacturing
- 336419 - Other Guided Missile & Space Vehicle Parts and Auxiliary Equipment Manufacturing

PSC CODES

DEFENSE & WEAPONS

- 1005 - Guns, Through 30mm
- 1095 - Miscellaneous Weapons
- 1240 - Optical Sighting & Ranging Equipment

AEROSPACE & DEFENSE SYSTEMS

- 1555 - Space Vehicles
- 1560 - Airframe Structural Components
- 1620 - Aircraft Landing Gear Components
- 1680 - Aircraft Accessories & Components

INDUSTRIAL & COMMERCIAL

- 2530 - Brake, Steering, Axle, Wheel & Track Components
- 4210 - Fire Fighting Equipment
- 4730 - Hose, Pipe, Tube & Lubrication Fittings

PRIMARY CONTACT

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www.baforging.com
https://www.linkedin.com/company/baforging/

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