



Blue Grass Army Depot
Right Price, Right Place, Right Time

BGAD
Industrial
Services
Division (ISD)

Supporting Our Joint Warfighters . . .

. . . by providing critical Warfighter requirements with quick turnaroud production of weapon, vehicle and ammunition add-on metals components



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Commanding

POC
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BGAD ISD Capabilities

1. INDUSTRIAL SERVICES DIVISION (ISD)

Production of Armor-Metal MRAP / Vehicle-related & Ammo / Weapons-related Metal Components

Rapid Response Capability (RTTP - Rapid Transition To Production)

Machining, Milling, Fabrication

Metal Cutting / Stripping (Laser & Waterjet Cutters)

Welding (TIG, MIG, Stick-SMAW)

Machine Torch Plasma

Painting (Conventional, CARC, Thermal Arc, STAR4D On-site Training & Certification)

Bending, Press Brake Forming, Imaging

750 ton press brake / HAAS Vertical Machining Centers / CHIRON High Speed Milling

Center / Vibratory Debur Machine / 3D Imaging Machine / MURATA Twin

Opposed Spindle Lathes

Testing & Measuring (Mechanical, Statistical Process Control)

Robotic Handling of Materiel

Assembly/Sub-assembly of Non-Traditional Items

MILVAN / ISO Container Repair Facility

2. ENGINEERING (CAD Concept Engineering, Re-engineering, Reverse Engineering)

Manufacturing / Mechanical / Chemical / Environmental / Safety

3. BOX, CRATE and PALLET PRODUCTION FACILITY

BGAD Credentials

- 1. ISO 9001-2008 CERTIFIED**
- 2. ISO 14001 CERTIFIED**
- 3. LEAN / SIX SIGMA PROCESSES**
- 4. VALUE-ENGINEERING PROGRAM**
- 5. OHSAS 18001 CERTIFICATION (in process)**
- 6. OSHA VPP SAFETY CERTIFICATION (in process)**



BGAD ISD Customers & Projects

VEHICLES

ARDEC, Picatinny, NJ

Stryker Squad Leader Shields

Commander's Hatch Shields for M1114 HMMVWs

Riser Spacers for M1114 HMMVW Turret Mounts

Armored Security Vehicle (ASV) Shields



TARDEC, Warren, MI

Overhead Wire Mitigations Kits for MaxxPro, Caiman MRAPs

Long Range Advanced Scout Surveillance System (LRAS3) Hoist Kit for Maxxpro MRAP

Watervliet Arsenal, NJ

Gunner Protection Kit Covers



Letterkenny Army Depot, PA

Explosively Formed Penetrator (EFP) Kits for RG-31 MRAP



ASC Field Logistics Readiness Center (FLRC), KY

Common Remotely Operated Weapons Station (CROWS) Anti-Sniper Kits for M1114 HMMVWS

PM-IED DEFEAT, Picatinny, NJ

Rhino Brackets for Cougar, IMG, Caiman, RG-33 MRAPs



Stryker Self-Protection Adaptive Roller Kit (SPARK) Mine Rollover Interface Brackets

Panther Self-Protection Adaptive Roller Kit (SPARK) Mine Rollover Interface Brackets



BGAD ISD Customers & Projects

VEHICLES (cont'd)

TACOM/PM-MRAP, Warren, MI

Cable Pass-through Covers for RG-31 MRAP

Catcher Plates for RG-31 MRAP

Gunner Restraint Kits

Universal Combat Lock Tool (UCLT)

MRAP/MRAP Expedient Armor Program (MEAP) Kits

PM-FLIR, Ft. Belvoir, VA

Boomerang Kits for MaxxPro Dash and RG-31 Dash Kits

Boomerang "A" Kits for MaxxPro

PM-RUS, Monmouth, NJ

Boomerang Brackets (2 Prototype)

Antenna Mounts for Caiman MRAP

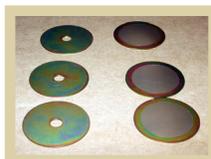
MaxxPro Dash Brackets

AMMUNITION

PM-CAS, Picatinny, NJ

M24 Fin Housing Assembly for 81mm Mortar

Piston Plate for 81mm Mortar



ISD “Rapid Response” Success Story 1

BGAD DIVISION: Industrial Services Division (ISD)
CUSTOMER: Tank Automotive & Armament Command (TACOM)
URGENT NEED: 18 Cable Pass-Through Covers for General Dynamics Land (GDLS) RG-31 MRAP
DATE REQUESTED: 13 Feb 08
DATE NEEDED: 20 Feb 08
EVENT TIMELINE:



- 13 Feb 08 TACOM request for 18 cable pass through covers for RG-31 by 20 Feb.
- 14 Feb 08 Parts cutting completed. (9 components per cover)
- 15 Feb 08 Parts assembled, welded, CARC painted and shipped.
- 18 Feb 08 Covers arrive Camp Arifjan, Kuwait, beating delivery date by 2 days.
- 19 Feb 08 Customer feedback: Parts received, installed, no issues.



Waterjet Cutting



Nine Components



Grinding Covers



Unfinished Covers



CARC Painting



Infrared Drying



ISD “Rapid Response” Success Story 2

BGAD DIVISION: Industrial Services Division (ISD)

CUSTOMER: PM-IED Defeat / Protect Force & Army Research Development & Engineering Command (ARDEC)

URGENT NEED: 20 Stryker SPARK (Self Protection Adaptive Roller Kit) Brackets

DATE REQUESTED: 4 Aug 09

DATE NEEDED: ASAP

EVENT TIMELINE:

31 Jul 09 Received Technical Data Package from ARDEC
04 Aug 09 Urgent Operational Requirement from PM-IED Defeat/PF
14 Sep 09 Successful testing complete on 1 bracket at Aberdeen Proving Ground (APG)
15-24 Sep 09 Shipped 9 completed brackets to Iraq
01 Oct 09 Shipped final 10 completed brackets to Iraq

