

## LANL Building Official

### Listing of LBO-Approved IBC Testing, NDE, and Inspection Agencies; Fabricators; and Products September 7, 2023

For agencies, presence in these listings is necessary for performance of IBC-related work for LANL or its contractors and subcontractors. LBO approval does not negate their responsibility to assure that testing agencies and fabricators perform correctly.

This listing is published pursuant to the LANL Building Code Program defined by Chapter 16 of the LANL Engineering Standards (click [here](#)), and is posted on that same site. See that program for process and restrictions.

**NOTE ON NUCLEAR FACILITY WORK: Presence of any firm or product on these listings does not also indicate evaluation or approval for use in nuclear-related work from a nuclear QA standpoint.** For that use, items or services must also be either commercial-grade dedicated or supplier listed on LANL's QA Division Institutional Evaluated Suppliers List (IESL), [here](#) (LANL internal).

This document includes the following approvals in a single list. For questions, suggestions, or concerns regarding this listing, please contact POCs shown (all area code 505):

Scope	ESM Reference
<b>POC:</b> Robert Abeyta, Chief Inspector (412-1136, <a href="mailto:rkabeyta@lanl.gov">rkabeyta@lanl.gov</a> )	
Testing agencies (lab and field material testing)	Chapter 16 Section IBC-TIA
General and Special inspection agencies	Chapter 16 Section IBC-TIA (implements IBC Sections 110 and 1703.1)
Shop fabricators of steel, aluminum, and precast concrete who may self-perform in-shop inspections	Chapter 16 Section IBC-FAB (implements IBC 1704.2.5)
<b>POCs</b>	
NDE: David Harvey (695-3667), <a href="mailto:dpharvey@lanl.gov">dpharvey@lanl.gov</a>	
Welding: David Bingham, Welding Chief Inspector (664-0416), <a href="mailto:dbing@lanl.gov">dbing@lanl.gov</a>	
Alt: Richard Bingham (699-2854), <a href="mailto:rkb@lanl.gov">rkb@lanl.gov</a>	
NDE (non-destructive examination) and/or welding inspection	Chapter 13 welding program; LANL-internal <a href="#">database</a> controls individual inspector quals

Discussion of LANL Building Official (LBO) approved products and related listing follows the above.

**Please submit updates to [engstandards@lanl.gov](mailto:engstandards@lanl.gov)**

## Agency and Fabricator Summary of Approvals

**CAUTION:** See Limitations, scope-of-approval, and other details on pages that follow

CWI (weld) inspector approval is not per these listings but via ESM Ch 13 [6-01](#) and [this](#) internal LANL website database

**Table 1 – New Mexico Presence**

Firm	Concrete Testing (C)	Masonry (M)	Metal ID Testing (ID)	NDE (NDE)	Soil (S)	Geotech Testing (G)	Steel Fab (SF) <b>Note 2</b>	Concrete Prefab (CP)	Third-Party Inspection <b>(Note 3)</b>	Comments
Acuren (Farmington)				X						VT, PT, MT, RT, and UT
Bauman Industrial Labs				X						ABQ office; VT, PT, MT, UT
Clover Leaf Solutions						X			X	ABQ office
Concrete, Aggregate, and Asphalt Testing	X				X					Las Vegas, NM
Coreslab Structures								X		ABQ facility only; not concrete testing
Daniel B. Stephens & Associates						X				ABQ, within scope of AASHTO certifications
LANL (e.g., Triad, LLC)	X		X	X	X		X			Fab at SM-38 only; all inspections (General and Special) by ES.
NorthGES	X	X		X	X	X			X	ABQ office; weld VT
NV5 (formerly Allwyn and Kleinfelder)	X	X			X	X			X	ABQ office
Premier NDT Services				1						Farmington
TEAM Industrial				X						Farmington; VT, PT, MT, RT, and UT
Terracon	X				X	X				ABQ office only
Western Technology	X			X	X	X			X	ABQ office only; MT, PT Only
WSP (was Wood, Amec)	X	X			X	X			X	ABQ office only
Yearout Industrial							X			ABQ

### **Table Notes**

Note 1: A "1" in the table indicates re-evaluation required prior to use.

Note 2: Structural steel fabricators whose work includes seismic load or seismic-force-resisting structures (SFRS) or demand-critical welds are subject to project-specific IBC reviews and approvals for processes, procedures, qualifications and materials prior to start and may require shop inspections by LANL approved IBC Inspectors prior to, during, or after fabrication.

Note 3: IBC General (Section 110) and Special inspections except as noted; LANL must approve proposed inspectors.

**CAUTION:** See Notes below table — plus limitations, scope-of-approval, and other details on pages that follow table

**Table 2 — Out-of-State**

<b>Firm</b>	<b>Concrete (C)</b>	<b>Masonry (M)</b>	<b>Metal ID Testing (ID)</b>	<b>NDE (NDE)</b>	<b>Soil (S)</b>	<b>Geotech Testing (G)</b>	<b>Steel Fab (SF) <b>Note 2</b></b>	<b>Concrete Prefab (CP)</b>	<b>Third-Party Inspection (<b>Note 3</b>)</b>	<b>Comments</b>
Acuren (Denver, etc.)				X						VT, PT, MT, RT, and UT
Armag Corporation							X			Bardstown, KY
BlueScope Buildings NA							X			Visalia, CA location only
Bridge Brothers										Anderson, SC; aluminum pedestrian structures only
CTL-Thompson Testing Agency, Denver	X									Only durability testing per ASTM C 666, prisms in water tank.
Diversified Metal Products							X			Idaho Falls, ID
Global Fire Protection Group									X	Chads Ford, PA (esp. firestopping)
Great Denver Iron							X			Denver, CO. LBO reevaluation required before next use.
Hirschfeld Industries				1						San Angelo, TX plant; NDE: Ultrasonic, Magnetic Particle, Visual and AWS-CWI.
IMR Metallurgical Services, Louisville KY			X							Full range of mechanical and chemical testing of metals
Independence Steel and Rigging							X			Pima, AZ
IRISNDT				1						Tulsa, OK
JR Custom Metal Products							X			Wichita, KS
KDM Steelworks							X			Loveland, CO
Leak Testing Specialists				X						LT. Orlando, FL
MISTRAS (Denver, etc.)				X						VT, PT, MT, RT, and UT
MMI Tank and Industrial Services, Inc.							X			Phoenix, AZ
NUCOR–Building Systems–Utah, LLC							X			Brigham City, UT. Steel fab on DEOS Project, with conditions. Other work requires evaluation.
Premier Steel Fab (Tulsa, OK area)							X			Excludes demand critical; additional review/approval required for seismic

Firm	Concrete (C)	Masonry (M)	Metal ID Testing (ID)	NDE (NDE)	Soil (S)	Geotech Testing (G)	Steel Fab (SF) <b>Note 2</b>	Concrete Prefab (CP)	Third-Party Inspection <b>(Note 3)</b>	Comments
										force-load-resisting
RedGuard							X			Wichita, KS
Rigid Global Buildings							X			Houston, TX
Stork Testing and Metallurgical Consulting				1						Houston location/staff only: liquid penetrant, magnetic particle, and ultrasonic testing only
TEAM Industrial (Denver, etc.)				X						VT, PT, MT, RT, and UT
U.S. Chemical Storage							X			Wilkesboro, NC
Valley Joist							X			Limited to K, LH, DLH, and CJ series joists and joist girders. Verify current SJI and IAS certifications prior to use.

**Table Notes**

Note 1: A "1" in the table indicates re-evaluation required prior to use.

Note 2: Structural steel fabricators whose work includes seismic load or seismic-force-resisting structures (SFRS) or demand-critical welds are subject to project-specific IBC reviews and approvals for processes, procedures, qualifications and materials prior to start and may require shop inspections by LANL approved IBC Inspectors prior to, during, or after fabrication

Note 3: IBC General (Section 110) and Special inspections except as noted; LANL must approve proposed inspectors.

**Background**

Typical Accreditations:

- Concrete—ASTM C 1077
- CWI – AWS
- Masonry –ASTM C 1093
- NDE – ASNT
- Soils—ASTM D 3740
- Geotech – see heading and table below
- Steel – [AISC](#) Quality Certification Program for Steel Building Structures & Simple Steel Bridges
- Steel, Seismic – AISC 341

Testing Agencies

For testing agencies, approval criteria and the process for becoming listed may be found in ESM Chapter 16 Section IBC-TIA and applicable national and industry standards as listed below.

Evaluations of testing agencies for approval by the LANL Building Official (LBO) generally model the associated national codes/standards identified in the LANL site standards and specifications. These codes, such as ACI 301, ASTM E 329, and other ASTM standards generally require national accreditation for each company,

each facility, and mobile units. Evaluations will be done by an LBO-approved chief inspector unless another evaluator is specifically approved by the LBO. The evaluation will focus on verification of national accreditation for the specific type of testing along with verification of key attributes such as, qualified personnel, calibrated devices, proper documentation processes (internally and externally). An example is that the Testing Agency must follow the applicable ASTM or other code(s) used for specific tests including documenting on their reports any cases where they do not follow the specific test methods.

**Geotechnical (Subsurface Investigations)**

This work (e.g., seismicity, stratigraphy, ground water conditions, slope stability, soil strength, position and adequacy of load-bearing soils, the effect of moisture variation on soil-bearing capacity, compressibility, liquefaction, and expansiveness) shall be performed by an LBO-approved geotechnical firm with a history/expertise in subsurface evaluations and performed under the direct supervision of a qualified geotechnical engineer. In addition (based on the specific edition of the IBC imposed on the project), the registered design professional shall have a fully qualified representative on site during all boring and sampling operations. Subsurface firms must meet these minimum requirements whether or not they are also an approved testing agency; furthermore, an LBO-approved soil testing agency must be used for all analytical soil tests governed by lab accreditations (e.g., ASTM D 3740).

Field Method List
ASTM D2487 Standard Procedure for Classification of Soils for Engineering Purposes
ASTM D2488 Practice for Description and Identification of Soils (Visual-Manual Procedure)
ASTM G57 Standard Practice for Soil Resistivity Using the Wenner Four-Electrode Method
Laboratory Method List
ASTM D422 Standard Test Method for Particle-size Analysis of Soils
ASTM D1557 Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort
ASTM D2216 Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass
ASTM D3740 Practice for Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction
ASTM D3080 Test Method for Direct Shear of Test of Soils Under Consolidated Drained Conditions
ASTM D4318 Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils
ASTM D4546 Test Methods for One-Dimensional Swell or Collapse of Soils
AASHTO T-193 Standard Method of Test for the California Bearing Ratio

**Selected Standards (Current Editions)**

- A2LA for NDE laboratory testing
- AASHTO [re:source](#) (formerly AMRL) testing lab accreditation program
- ASNT (American Society for Nondestructive Testing) SNT-TC-1A + ASME B&PVC or CP-189 (and Volume 6 of ESM [Chapter 13](#) – Welding, Joining, & NDE)
- ASTM E 329, *Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction*
- ASTM E 543, *Standard Practice for Agencies Performing Nondestructive Testing*
- AWS (American Welding Society) QC-4 for welding qualification testing facilities
- ICC-IAS [Accreditation Criteria for Testing Laboratories \(AC89\)](#)
- ICC-IAS [Accreditation Criteria for Fabricator Inspection Programs for Reinforced Concrete \(AC157\)](#)
- ICC-IAS [Accreditation Criteria for Fabricator Inspection Programs for Structural Steel \(AC172\)](#)
- National Ready Mixed Concrete Association (NRMCA)
- Precast Concrete Institute (PCI)
- Additional specific accreditation programs based on IBC or associated national standards such as [ACI](#), [AISC](#), and [ASTM](#).

## **LBO-APPROVED FIRMS**

### **Acuren Industrial Services**

2060 AFTON PL  
FARMINGTON, NM 87401  
505-326-6760

7281 E 54TH PLACE  
COMMERCE CITY, CO 80022  
303-307-4503

Operations Manager: Gunnar Netteberg,  
[gunnar.netteberg@acuren.com](mailto:gunnar.netteberg@acuren.com)

Nat'l: 800-218-7450,  
<https://www.acuren.com/inspection/>

Approved to perform: NDE methods: VT, PT, MT,  
RT, and UT at all company locations/field.

Audit history: DPH: (ES-DO: 22-021, 9/30/2022)

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**Allwyn** See NV5

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**Amec** See WSP

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### **Armag Corporation**

300 ARMAG AVE  
BARDSTOWN, KY 40004

877-510-0087  
<https://www.armagcorp.com/>  
[info@armagcorp.com](mailto:info@armagcorp.com)

Approved to Perform: Steel Fabrication

Mr. Brandon Fryman, (859) 534-3174  
[brandon.fryman@armagcorp.com](mailto:brandon.fryman@armagcorp.com)

**Audit history:** 2008; MF/BD/DB spring 2023; ES-  
DO-Memo-23-035, 6/12/2023

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### **Bauman Industrial Labs, LLC**

813 PASEO DEL RIO PLACE SW  
ALBUQUERQUE, NM 87105

505-250-6328

Patrick Bauman [atomicpat@msn.com](mailto:atomicpat@msn.com);  
Paul Bauman [pablo60z@yahoo.com](mailto:pablo60z@yahoo.com)

Approved to perform: Structural steel weld  
inspections and NDE using VT, PT, MT, and UT  
NDT methods in the field (construction sites) and  
in fabrication shops.

Audit history: 9/15/20 DH/KB; ES-DO 20-061

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### **BlueScope Buildings North America, Inc.**

7440 DOE AVE  
VISALIA, CA 93291

(559) 651-5300  
<http://www.bluescopebuildings.com/>

Approved to perform: Steel fabrication

Dan Kumm, President,  
[dan.kumm@bluescopebuildings.na.com](mailto:dan.kumm@bluescopebuildings.na.com)  
Craig True, Quality Manager,  
[craig.true@bluescopebuildings.na.com](mailto:craig.true@bluescopebuildings.na.com)

Audit History: EL/DB: 2017-5-23 LBO ES-DO:  
17-021 6/27/17. IAS [MB-147](#) through 1/1/2021;  
no AISC 6/2017 TO.

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### **Bridge Brothers**

1435 BLECKLEY ST  
ANDERSON, SC 29625

[866-806-0847](tel:866-806-0847)  
<https://bridgebrothers.com/>

Approved to perform: Aluminum pedestrian  
structure fabrication only.

Jacob Barnes, Eng Mgr,  
[engineering@bridgebrothers.com](mailto:engineering@bridgebrothers.com)  
Aaron Gentilucci, [sales@bridgebrothers.com](mailto:sales@bridgebrothers.com)

Audit history: LBO: 5/29/19 DB (ES-DO-19-014)

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**Clover Leaf Solutions, Inc.**

5600 WYOMING BLVD.NE, SUITE 27  
ALBUQUERQUE, NM 87109

505-998-9611

<https://cloversolutions.us/construction-management/>

Matt Custer, President, Principal  
[MGMT@cloversolutions.us](mailto:MGMT@cloversolutions.us)

Corey Englebrake, VP, Operations  
505-200-0057

Approved to perform: geotech; general and special inspection independent of constructor; LANL must approve inspectors and subtiers beyond Geo-Test and Wilson & Co.

Appvl history: Insp: ES-DO-Memo-22-028 (12/22/22); geotech: 21-020 (3/30/21)

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**Concrete, Aggregate, and Asphalt Testing, LLC (CA2 Testing)**

Shipping: 414 BIBB INDUSTRIAL DR  
Mailing: PO Box 1228  
LAS VEGAS NM 87701-1228

505-718-3030 fax: 505-425-9159  
[www.ca2testing.net](http://www.ca2testing.net)

Approved to perform: Concrete (including durability) testing; soils testing but not T88, T96, C131, D422.

Owner/Eng Manager: Lee Ann Marquez, PE,  
[leaann@ca2testing.com](mailto:leaann@ca2testing.com)

Audit history: LBO: 10/18/2011 JLR (ES-DO: 12-001) Certifications last verified: 3/25/20 MNO

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**Coreslab Structures (Albuquerque), Inc.**

2800 SECOND STREET SW  
PO BOX 1609  
ALBUQUERQUE, NM 87102

505-247-3725 fax: 505-243-4875  
<https://www.coreslab.com/locations/albuquerque-new-mexico/>

[salesalbuquerque@coreslab.com](mailto:salesalbuquerque@coreslab.com)

Approved to perform: Precast concrete fabrication, not concrete testing, at ABQ facility.

Greg Krause, General Mgr, [gkrause@coreslab.com](mailto:gkrause@coreslab.com)  
Matthew Manning, QC Mgr,  
[mmanning@coreslab.com](mailto:mmanning@coreslab.com)  
Joseph Lujan, QC Supervisor, [jlujan@coreslab.com](mailto:jlujan@coreslab.com)  
David Baird, Project Mgr, [dbaird@coreslab.com](mailto:dbaird@coreslab.com)

Audit History: LBO 12/12/19 (SRG) (ES-DO: 20-014, 1/6/2020).

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**CTL | Thompson**

1971 W 12TH AVE  
DENVER CO 80204-3415

303-825-0777 fax: 303-825-4252  
<http://www.ctlthompson.com/>

Approved to perform: concrete durability testing per ASTM C 666 only, Denver office only

Eng Manager: Damon Thomas, PE  
[dthomas@ctlthompson.com](mailto:dthomas@ctlthompson.com)

Audit history: LBO 4/8/2011 JLR (ES-DO 11-018)  
Certifications last verified: 4/1/20 MNO

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**Daniel B. Stephens & Associates, Inc. (DBS&A) Soil Testing Lab**

4400 ALAMEDA BLVD. NE, SUITE C  
ALBUQUERQUE, NM 87113-1520

505-889-7752 fax: 889-0258  
<http://www.dbstephens.com/>  
<http://www.dbsa-soil-lab.com/>

Approved to perform: Geotech testing within scope of AASHTO [re:source](#) certifications

Joleen Hines, Laboratory Ops Manager,  
[jhines@dbstephens.com](mailto:jhines@dbstephens.com)

Audit history: LBO: 4/6/2015 RT (ES-DO: 15-018, 4/7/15). Certs last verified: 3/25/20 MNO

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**Diversified Metal Products, Inc.**

3710 N. YELLOWSTONE HWY  
IDAHO FALLS, ID 83401

208-529-9655 fax: 208.529.9836  
<http://www.diversifiedmetal.com/>

Approved to perform: Steel fabrication

Tony Pascoe, Business Development  
Representative, [tonyp@diversifiedmetal.com](mailto:tonyp@diversifiedmetal.com)  
Mike Henderson, Pres  
Rebecca McCellan, QA Mgr

Audit History: KK: 2017-6-1 LBO ES-DO: 17-012  
6/7/17. No AISC 6/2017 TO.

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**Global Fire Protection Group**

225 WILMINGTON WEST CHESTER PIKE, STE 246  
CHADDS FORD, PA 19317

855-456-2250  
<https://www.globalfpg.com/>

<https://www.globalfpg.com/fire-protection-engineering-services#ThirdPartyInspectionServices>

Approved to perform: Third-party inspections  
(e.g., firestopping, ASTM 2174 – Through  
Penetrations; ASTM 2393 – Fire Rated Joints &  
Perimeter Fire Barrier)

Mr. Pat Tesche, Field Operations Manager,  
[ptesche@globalfpg.com](mailto:ptesche@globalfpg.com)

Appvl history: ES-DO-Memo-21-010 (2/19/21)

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**Great Denver Iron, Inc.**

4975 JACKSON ST  
DENVER CO 80216-3017

303-991-0537 fax: 303-991-0538  
<http://www.greatdenveriron.com/>

Approved to perform: Steel fabrication; however,  
LBO reevaluation required before next use.  
Seismic force/load resisting work requires re-  
evaluation/approval.

Bill Dowd, Owner & GM, [bill@greatdenveriron.com](mailto:bill@greatdenveriron.com)

Audit history: JLR/DAB (ES-DO: 11-021,  
7/28/2011) Certifications last verified: [AISC](#) BU  
current 6/2017 TO

**Hirschfeld Industries**

112 WEST 29TH STREET  
SAN ANGELO TX, 76903

325-486-4201  
[info@hirschfeld.com](mailto:info@hirschfeld.com)  
<http://www.hirschfeld.com/>

Approved to perform:  
NDE: Ultrasonic, Magnetic Particle, Visual and  
AWS-CWI methods. **Requires re-evaluation  
prior to use.**

Contact: Dennis Hirschfeld, CEO,  
[dennis.hirschfeld@hirschfeld.com](mailto:dennis.hirschfeld@hirschfeld.com)

Audit history: Fab 3/13/15 KK (ES-DO: 15-015,  
3/13/15); NDE: PB 4/9/15 (ES-DO: 15-019).  
No AISC 6/2017 TO.

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**IMR Metallurgical Services - Louisville**

4102 BISHOP LANE  
LOUISVILLE KY 40218-4504

502-810-9007 fax: 502-810-0380  
[http://www.imrtest.com/index\\_louisville.html](http://www.imrtest.com/index_louisville.html)

Approved to perform: Full range of metallurgical  
testing per ASTM F606, etc.

Lab Director: Mr. Brett Miller, PE: KY 23339,  
[bmiller@imrlouisville.com](mailto:bmiller@imrlouisville.com)  
Director of Metallurgy: Tom Ackerson, PE,  
[tom.ackerson@imrtest.com](mailto:tom.ackerson@imrtest.com)

Audit history: CMRR-S-11-036 5/25-24/11 DLT;  
LBO 6/8/2011 JLR (ES-DO 11-020)

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**Independence Steel & Rigging, LLC**

PO BOX 738  
PIMA, AZ 85543-0738

(near Safford, AZ)

Owner/Dir. Of Ops: Nick DeRusha

Audit history: INP-103286-0012 r1 7/23/2018  
TD/DB, ES-DO: 18-021 8/10/2018

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**IRISNDT**

1115 WEST 41ST ST  
TULSA, OK 74107

918-446-8773

[usinfo@irisndt.com](mailto:usinfo@irisndt.com)  
[www.irisndt.com/us/](http://www.irisndt.com/us/)

Approved to perform: NDE using VT, RT, PT, MT,  
and UT NDT methods in the field and fab shops.

**Requires re-evaluation prior to use.**

Mr. Jimmy Melton, Location Manager,

[jimmy.melton@irisndt.com](mailto:jimmy.melton@irisndt.com)

Mr. Kevin Wilson, US QA Manager Level III,

[kevin.wilson@irisndt.com](mailto:kevin.wilson@irisndt.com)

Audit history: DPH/PSB 10/8/19, appvd ES-DO-  
Memo-20-052, 8/18/20

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**JR Custom Metal Products Inc.**

2237 S. WEST ST CT  
WICHITA, KS 67213

316-263-1318

<http://jrcmp.com/>

Approved to perform: Steel fabrication.

Gary D. Richards, General Manager,

[GRichards@JRCMP.com](mailto:GRichards@JRCMP.com), c316-650-2685

Audit History: KK/DB: 2017-6-6 LBO ES-DO:  
17-018 6/16/17. No AISC 6/2017 TO.

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**KDM Steelworks**

170 2nd Street SW Unit B  
Loveland, CO 80537

720-975-5110

<https://www.kdmsteelworks.com/>  
[info@kdmsteelworks.com](mailto:info@kdmsteelworks.com)

Approved to Perform: Structural metal fabrications.  
Fab of seismic force/load resisting systems requires  
evaluation/approval.

Ms. Marj Oliver, Lead Estimator,

[bids@kdmsteelworks.com](mailto:bids@kdmsteelworks.com)

O: (970) 663-4000, C: (720) 987-7176

Audit History: MF/DB 2023-4; ES-DO-Memo-23-  
036, 6/12/2023

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**Kleinfelder, Inc.** See NV5

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**LANL**

PO 1663

LOS ALAMOS NM 87545-0001

505-664-5265

<http://www.lanl.gov/>

Approved to perform: concrete, soils, metals ID,  
NDE, steel fabrication (SM-38 only), all inspections.  
Fab of seismic force/load resisting systems requires  
evaluation/approval.

Eng Manager: Mike Richardson, ES-DO, 606-0600

QA Contact: Darren Meadows or Dan Tunney

Materials Test Facility Supervising ACI Level 2/  
Engr: Fortino Ramirez

Audit history: SM-38: MAM: QPA-DO-18-  
013/AR(17)-017.001 Appv. 8/20/18 (ES-DO-18-  
023). Certifications last verified: 6/7/2017 TO

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**Leak Testing Specialists**

5810 HOFFNER AVE, STE 805

ORLANDO, FL 32822

407-737-6415 <https://leaktestingspecialists.com/>

Approved to perform: NDE leak testing method.

Ms. Kaylie Page, Quality Manager for LTS

[Kaylie.Page@leaktestingspec.com](mailto:Kaylie.Page@leaktestingspec.com)

Audit history: 9/29/2022 DPH (ES-DO-Memo-23-  
026, 5/1/2023)

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**MISTRAS**

4117 S. Valley Drive Unit 100  
 Longmont, CO 80504  
 (970) 535-4766 fax (970) 535-4151

<https://www.mistrasgroup.com/company/branches/denver-co-usa/>

Approved to perform: NDE methods: VT, PT, MT, RT, and UT at all company locations.

Quality Manager: Mr. Osman Murtic,  
[osman.murtic@mistrasgroup.com](mailto:osman.murtic@mistrasgroup.com)

Gen. Mgr: Manuel Posada,  
[manuel.posada@mistrasgroup.com](mailto:manuel.posada@mistrasgroup.com)

Audit history: DPH: (ES-DO: 22-022, 9/30/2022)

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**MMI Tank and Industrial Services, Inc.**

3240 S 37TH AVE  
 PHOENIX AZ 85009-9700

602-272-6000  
<http://www.mmitank.com/>

Approved to perform: Steel fabrication. Seismic force/load resisting work requires re-evaluation/approval.

Mr. Stacy Pinckard, President,  
[Stacy@MMItank.com](mailto:Stacy@MMItank.com)

Audit history: Initial: PB 6/11/15 (ES-DO: ES-DO-15-026, 7/9/2015). No AISC 6/2017 TO.

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**North GeoEngineering Services LLC (NorthGES)**

4915 CUMBRE DEL SUR COURT NE  
 ALBUQUERQUE, NM 87111  
 M: 505-400-2919 O: 505-298-3177

John North, VP, [john.northges@gmail.com](mailto:john.northges@gmail.com)

Approved to perform: Concrete (field and laboratory), soils (field and laboratory), masonry, asphalt, and aggregate testing; geotech services; visual examination, general and special inspection independent of constructor; LANL must approve inspectors and firms.

Appvl history: ES-DO-Memo-22-011 (inspection, VT) 8/8/2022; 23-006 (test/geo) 2/17/2023

**NUCOR Building Systems—Utah, LLC**

P.O. BOX 907  
 1050 N. WATERY LANE  
 BRIGHAM CITY, UT 84302

435-919-3100 fax: 435-919-3101  
<http://www.nucorbuildingsgroup.com/>

Approved to perform: Steel fabrication on DEOS Project, with conditions (work on other projects or fab of seismic force/load resisting systems requires evaluation/approval).

Mr. Mark VanDyken, General Manager  
 Mr. Dana Christensen, Certifications & Standards Coordinator, [dana.christensen@nbsut.com](mailto:dana.christensen@nbsut.com), 435-919-3252

Audit history: Partial by DB 11/2016 (ES-DO: 17-004) Certifications last verified: 11/29/16 DB. [IAS](#) MB-107 for metal bldgs exp. 7/1/19. No AISC 6/2017 TO.

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**NV5**

4374 ALEXANDER BLVD NE, SUITE K  
 ALBUQUERQUE NM 87107

505-344-7373 fax: 505-344-1711  
<http://www.nv5.com/>

Approved to perform: concrete (field and laboratory), soils (field and laboratory), masonry, asphalt, and aggregate testing, and geotech services, at ABQ office. General and Special inspection independent of constructor; LANL must approve inspectors.

Ops/Eng/Lab/Field Manager: Ralph L. Abeyta, PE, [ralph.abeyta@NV5.com](mailto:ralph.abeyta@NV5.com)  
 Const Insp Dir: David Falco,  
[david.falco@NV5.com](mailto:david.falco@NV5.com)  
 QA Mgr: [robert.abeyta@nv5.com](mailto:robert.abeyta@nv5.com)  
 QC Contact: Richard Ashbaugh  
[Richard.ashbaugh@NV5.com](mailto:Richard.ashbaugh@NV5.com)

Audit history: Testing: ES-DO-Memo-21-014 (3/22/21); Insp: ES-DO-Memo-21-005 (2/18/21). Certifications last verified: 3/25/20 MNO

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**Premier NDT Services, Inc.**

2198 BLOOMFIELD HWY  
FARMINGTON NM 87401

505-325-1407  
[www.premierndt.com/](http://www.premierndt.com/)

Approved to perform: NDE methods: Radiography, liquid penetrant, ultrasonic, magnetic particle, visual, and AWS-CWI. **Requires re-evaluation prior to use.**

Contact: Cody Nygern, VP Operations

Audit history: Initial: DAB/KB (ES-DO: 12-041, 8/27/2012)

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**Premier Steel Services, LLC**

16420 S HIGHWAY 75  
GLENPOOL, OK 74033

918-227-0110; fax: 918-227-0113  
[premiersteelservices.com](http://premiersteelservices.com)

Approved to perform: Steel fabrication excluding demand-critical welding. Seismic force/load resisting work requires LBO re-evaluation/approval.

Eng Manager Andy L. Vanaman, President,  
[avanaman@premiersteelservices.com](mailto:avanaman@premiersteelservices.com)  
QA Contact: Rick Humphreys,  
[rhumphreys@premiersteelservices.com](mailto:rhumphreys@premiersteelservices.com)

Audit history: LBO: 5/2019 (ES-DO: 19-011);  
Certifications last verified: [AISC BU](#) current 6/2019  
TO. Work history: RLUOB, DARHT W.E.

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**RedGuard, LLC**

401 W 47<sup>th</sup> ST SOUTH  
WICHITA, KS 67217

855-733-4827  
<https://redguard.com/>

Approved to perform: Steel fabrication

Mr. Tim Scheer, Project Manager,  
[tims@redguard.com](mailto:tims@redguard.com)

Audit History: KK: 2017-6-9 LBO ES-DO: 17-019  
6/16/17). No AISC 6/2017 TO.

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**Rigid Global Buildings**

18933 ALDINE WESTFIELD RD  
HOUSTON, TX 77073

281-443-9065; 888-467-4443  
<https://www.rigidbuilding.com/>

Approved to perform: Steel fabrication

John Long, VP Eng/IT; QA/QC Manager,  
[john.long@rigidbuilding.com](mailto:john.long@rigidbuilding.com)  
<https://www.rigidbuilding.com/about-rigid-building/executive-team/>

Audit History: TMD/DAB assessment 2018-8-28;  
LBO: 4/26/21 (ES-DO-Memo-21-027)

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**Stork Testing and Metallurgical Consulting, Inc.**

222 CAVALCADE STREET - or- P.O. BOX 8768  
HOUSTON TEXAS 77009

1-888-STORK55 (786-7555) or 713-692-9151  
fax: 713-696-6307  
<http://www.storksmt.com>  
E-Mail: [info.tmc@us.stork.com](mailto:info.tmc@us.stork.com)

Approved to perform (Houston location/staff only): NDE of these types: liquid penetrant, magnetic particle, and ultrasonic testing.  
**Requires re-evaluation prior to use.**

Contact: Mr. Neal Ferguson  
Audit history: LBO: 12/20/10 (ES-DO 11-012)

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**TEAM Industrial Services**

700 DEKALB ROAD  
FARMINGTON, NM 87401

505-599-4115

5095 PARIS STREET  
DENVER, CO 80239

US: [800-662-8326](tel:800-662-8326);  
<https://www.teaminc.com/service-solutions/inspection/>

Approved to perform: NDE methods: VT, PT, MT, RT, and UT at all company locations/field.

Operations Manager: Mr. Brody Deleon,  
[Brody.Deleon@teaminc.com](mailto:Brody.Deleon@teaminc.com)

Audit history: DPH: (ES-DO: 22-020, 9/30/2022)

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**Terracon**

4905 HAWKINS ST NE  
ALBUQUERQUE NM 87109-4345

505-797-4287; fax: 505-797-4288  
<http://www.terracon.com/offices/albuquerque/>

Approved to perform: concrete, soils geotech testing, ABQ office only. Not T245, D692 (asphalt)

Dept and QA/QC Manager: Hugo Carreon,  
[hmcarron@terracon.com](mailto:hmcarron@terracon.com)  
Lab and field supervisor, LANL Project Mgr: Mr. Sadeke Konte,  
[askonte@terracon.com](mailto:askonte@terracon.com)  
Office/Eng Manager: Mike Anderson, PE (NM 12132),  
[meanderson@terracon.com](mailto:meanderson@terracon.com)

Audit history: LBO: 9/6/13 JLR 9/9 em  
Certifications last verified: 3/25/20 MNO

**Valley Joist + Deck**

255 LOGAN LN  
FERNLEY, NV 89408

775-575-7337; [west@valleyjoist.com](mailto:west@valleyjoist.com)  
[www.valleyjoist.com](http://www.valleyjoist.com)

Approved to perform: Steel fabrication, limited to manufacture of K, LH, DLH, and CJ series joists and joist girders. Verify current SJI and IAS certifications prior to use.

Mr. Keith Juedemann, General Manager  
[KJuedemann@valleyjoist.com](mailto:KJuedemann@valleyjoist.com)  
C: 240-215-7011

Mr. Richard Leyva, Quality Control Manager

Audit History: ES-DO-22-015 (8/25/2022)

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**U.S. Chemical Storage**

1806 RIVER ROAD, HWY. 268 WEST  
WILKESBORO, NC 28697

336-990-0601  
[uschemicalstorage.com](http://uschemicalstorage.com)

Approved to perform: Steel fabrication of metal structures of sheet and tubes.

Mr. Alex Roten, Quality Engineer  
[ARoten@uschemicalstorage.com](mailto:ARoten@uschemicalstorage.com)

Audit history: July 2023 MF/BD; ES-DO-Memo-23-039, 7/18/2023

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**Western Technologies, Inc.**

8305 WASHINGTON PL NE  
ALBUQUERQUE, NM 87113

505-823-4488 fax 505-821-2963  
[www.wt-us.com/w/](http://www.wt-us.com/w/)

Approved to perform: General and Special inspection independent of constructor; LANL must approve inspectors. Concrete, soils, geotech testing. NDE: MT, PT, and AWS-CWI methods. ABQ office only.

Eng Manager Jeff Boyd, PE (NM 12412),  
[j.boyd@wt-us.com](mailto:j.boyd@wt-us.com)

QA Contact: Andrew L. Cuaderes, Sr., VP/Dir,  
[a.cuaderes@wt-us.com](mailto:a.cuaderes@wt-us.com) 505-823-4488

NDE: Clifford Pettigrew, Senior Special Inspector,  
[c.pettigrew@wt-us.com](mailto:c.pettigrew@wt-us.com)

Field and lab supervisor: Justin Kelly

Audit history: NDE: 5/2/2023 DPH (ES-DO-Memo-23-027, 5/4/2023). Test: 9/6/13 JLR 9/9 em; Insp: ES-DO-20-030 3/24/20. Non-NDE certs last verified: 3/25/20 MNO

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**WSP (was Wood, Amec before that)**

4221 BALLOON PARK RD NE  
ALBUQUERQUE NM 87109

505-821-1801

505-881-5357

<https://www.wsp.com>

<https://www.wsp.com/en-us/who-we-are/our-offices/albuquerque-louisiana-blvd>

ABQ office only approved to perform: concrete and soils (field and laboratory), masonry, asphalt, and aggregate testing; geotech; and third-party inspection (general and Special inspection; LANL must approve inspectors).

Hugo Carreon, Materials Service Line Lead  
[hugo.carreon@wsp.com](mailto:hugo.carreon@wsp.com), 505-456-0083, m 505-288-9804

Dan Kwiecinski, P.E., VP, Eng  
Manager [dan.kwiecinski@wsp.com](mailto:dan.kwiecinski@wsp.com)

Peter Guerra, Project Manager,  
[Peter.guerra@wsp.com](mailto:Peter.guerra@wsp.com)

Jeffrey Mann, P.E., consultant  
[jeffrey.mann2@wsp.com](mailto:jeffrey.mann2@wsp.com)

Lucas Giron, P.E., [lucas.giron@wsp.com](mailto:lucas.giron@wsp.com)

Jesse Boam, P.E., Lab Supervisor,  
[Jesse.boam@wsp.com](mailto:Jesse.boam@wsp.com)

Appvl history: LBO: Test/Geo: ES-DO-Memo-23-011. Insp: ES-DO-Memo 21-007 (2/18/21); 21-018 (3/29/21); prev. IQPA-DO:19-108, ES-DO-19-015 (7/24/19). 9/6/13 JLR 9/9 em. Certifications last verified: 3/25/20 MNO. Wood became WSP 9/2022.

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**Yearout Industrial, LLC.**

8501 WASHINGTON ST NE  
ALBUQUERQUE, NM 87113

505-884-0994 fax 505-883-5073

Approved to perform: Steel fabrication. Seismic force/load resisting work requires re-evaluation/ approval.

Contact: Bryan Yearout, President, c: 505-991-5062, [bryan@yearout.com](mailto:bryan@yearout.com)

Audit history: KB 12/2015; LBO 12/16/15 (ES-DO-16-002). No AISC 6/2017 TO.

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## **LBO-APPROVED PRODUCTS**

### **General**

LBO approval of suppliers and manufactured products for structural and other work is governed by ESM Chapter 16 *Building Code Program* Section [IBC-GEN](#) (*Subsection 6.0*).

At time of writing, IBC-GEN (Rev. 12, 3/22/2023) said:

- 6.1 Under 104.9, 104.11, and the Special Cases section of the IBC (1705.1.1), proprietary products must be approved by the LBO. Structural examples are anchor channels, mechanical reinforcing steel splices/couplers, and post-installed (PI) anchors. As such, from an IBC standpoint only:
- A. PI anchors used in a seismically exempt application (see definition) are automatically approved by the LBO.
  - B. For other products, they are also automatically approved if they meet both of the following:
    - 1. The components chosen are IBC-compliant-labeled (has been accepted by the most recent [ES report](#) from [ICC-ES](#), NER from ICC-NTA, or ER report from IAPMO valid for the code edition in use or newer edition<sup>1</sup>) AND
    - 2. The design and installation comply with the conditions of use and restrictions specified in the ICC report (in addition to and including following manufacturer instructions, particularly where more stringent). Installation must be verified by special inspector(s) when required by ICC ES Report and/or IBC Ch. 17 on special inspection.
  - C. Products accepted by Los Angeles Dept. of Buildings (see footnote) are also acceptable at LANL except where specifically limited by the LANL Standards including Master Specs, when used in non-nuclear service and with any applicable conditions placed by LADBS.<sup>2</sup>
    - 1. LADBS are at <https://www.ladbs.org/forms-publications/publications/research-reports>
  - D. Other special case components not automatically approved as noted above must be submitted to the Structural Standards POC who will help broker LBO approval prior to use. *Guidance: This may involve derating; e.g., using less tension and/or shear capacity than documented for a concrete anchor /embedding, using a mechanical rebar splice /coupler capacity that results in the final assembly 'performing' only within elastic region, etc.*

### **Specific Product Approvals**

**Products listed in LANL Master Specifications shall be considered LBO-approved-for-use.**

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Disclaimer: Listed products and service providers have received LBO approval within the context discussed by this document. They are not an endorsement of any product or provider beyond that approval, nor guarantee of future work/sales. Finally, they do not imply that other products or providers will necessarily be unacceptable if submitted for approval; that depends upon subsequent LBO evaluation.

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<sup>1</sup> When a given product's research report isn't compliant with the applicable IBC edition, contact ESM POC for guidance.

<sup>2</sup> LADBS Building Code tab Information Bulletin IB/P/BC-2014-119 — *Alternate Building Materials/Products Approval Requirements*  
[LADBS IB website](#)