LANL Building Official

List of LBO-Approved IBC
Testing, NDE, and Inspection Agencies; Fabricators; and Products
Sept 30, 2022

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 Subcontractors’ responsibility to assure that testing agencies and fabricators perform correctly.

This listing is published pursuant to the LANL International Building Code (IBC) 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.

CAUTION FOR 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 (in a single list):

1. Approved testing agencies (lab and field material testing); ref. ESM Chapter 16 Section IBC-TIA.
2. Non-destructive examination (NDE) and/or welding inspection (ESM Chapter 13 welding program’s database control individual inspector quals separately).
3. General and Special inspection agencies; ref. IBC Section 110 and Ch 17, and ESM Chapter 16 Section IBC-TIA.
4. Shop fabricators of steel, aluminum, and precast concrete who may self-perform in-shop inspections); see ESM Chapter 16 Section IBC-FAB.

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

For questions, suggestions, or concerns regarding this listing, please contact (all Area Code 505):

1. Test and/or Inspection Agencies, Fabricators: Timothy Donovan, Chief Inspector (500-2731, timd@lanl.gov).
2. Welding: David Bingham, Welding Chief Inspector (664-0416, dbing@lanl.gov)
3. NDE Responsible Level 3: David Harvey (667-5110, dpharvey@lanl.gov). Alt: David Bingham

To submit updates please notify oruch@lanl.gov or choney@lanl.gov
### Agency and Fabricator Summary of Approvals

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

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

#### New Mexico

<table>
<thead>
<tr>
<th>Firm</th>
<th>Concrete Testing (C)</th>
<th>Masonry (M)</th>
<th>Metal ID Testing (ID)</th>
<th>NDE (NDE)</th>
<th>Soil (S)</th>
<th>Geotech Testing (G)</th>
<th>Steel Fab (SF) Note 2</th>
<th>Concrete Prefab (CP)</th>
<th>Third-Party Inspection (Note 3)</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bauman Industrial Labs</td>
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<td></td>
<td></td>
<td>ABQ office; VT, PT, MT, UT</td>
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<tr>
<td>Clover Leaf Solutions</td>
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<td></td>
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<td>ABQ office</td>
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<tr>
<td>Concrete, Aggregate, and Asphalt Testing</td>
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<td>Las Vegas, NM</td>
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<tr>
<td>Coreslab Structures</td>
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<td>X</td>
<td></td>
<td></td>
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<td>ABQ facility only; not concrete testing</td>
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<tr>
<td>Daniel B. Stephens &amp; Associates</td>
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<td>X</td>
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<td>ABQ, within scope of AASHTO certifications</td>
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<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<td>Fab at SM-38 only; all inspections (General and Special) by ES.</td>
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<td>Premier NDT Services</td>
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<td>1</td>
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<tr>
<td>Western Technology</td>
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<td>ABQ office only</td>
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<tr>
<td>Wood</td>
<td>X</td>
<td>X</td>
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<td>X</td>
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<td></td>
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<tr>
<td>Yearout Industrial</td>
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<td>X</td>
<td></td>
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<td></td>
<td></td>
<td>ABQ</td>
</tr>
</tbody>
</table>

#### Table Notes

**Note 1:** A “1” for a firm 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:** General (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>
<thead>
<tr>
<th>Firm</th>
<th>Concrete (C)</th>
<th>Masonry (M)</th>
<th>Metal ID Testing (ID)</th>
<th>NDE (NDE)</th>
<th>Soil (S)</th>
<th>Geotechnical Testing (G)</th>
<th>Steel Fab (SF) Note 2</th>
<th>Concrete Prefab (CP)</th>
<th>Third-Party Inspection (Note 3)</th>
<th>Comments</th>
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<tbody>
<tr>
<td>Acuren (Denver, etc.)</td>
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<td>VT, PT, MT, RT, and UT</td>
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<td>San Angelo, TX plant; NDE: Ultrasonic,</td>
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<td>MISTRAS (Denver, etc.)</td>
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<td>VT, PT, MT, RT, and UT</td>
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<td>Phoenix, AZ</td>
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<td>NUCOR–Building Systems–Utah, LLC</td>
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<td>Brigham City, UT. Steel fab on DEOS</td>
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<td>Excludes demand critical; additional</td>
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<td>RedGuard</td>
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<td>Wichita, KS</td>
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<td>Rigid Global Buildings</td>
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<td>Houston location/staff only: liquid</td>
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<td>penetrant, magnetic particle, and</td>
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<td>ultrasonic testing only</td>
</tr>
</tbody>
</table>

Page 3 of 13
Team Industrial (Denver, etc.) | x | liquid penetrant, magnetic particle, and ultrasonic testing only
Valley Joist | x | Limited to K, LH, DLH, and CJ series joists and joist girders. Verify current SJII and IAS certifications prior to use.

**Table Notes**
Note 1: A "1" for a firm 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: General (110) and Special inspections except as noted; LANL must approve proposed inspectors.

**Background**
Typical Accreditations:
- Concrete—ASTM C 1077
- Masonry—ASTM C 1093
- 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 Standards

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

### Selected Standards (Current Editions)

- A2LA for NDE laboratory testing
- AASHTO resource (formerly AMRL) testing lab accreditation program
- ASNT (American Society for Nondestructive Testing) document SNT-TC-1A on NDE (and ESM Chapter 13 on Welding, Joining, & NDE)
- 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**
7281 E 54TH PLACE
COMMERCE CITY, CO 80022

CO: 303-307-4503, 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.

Operations Manager: Gunnar Netteberg,
gunnar.netteberg@acuren.com

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

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**Allwyn** See NV5

**Amec** see Wood

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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;  
Paul Bauman 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  
Craig True, Quality Manager,  
craig.true@bluescopebuildings.na.com


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**Bridge Brothers**  
1435 BLECKLEY ST  
ANDERSON, SC 29625  
866-806-0847  
https://bridgebrothers.com/

Approved to perform: Aluminum pedestrian structure fabrication only.

Jacob Barnes, Eng Mgr,  
gineering@bridgebrothers.com  
Aaron Gentilucci, 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

Corey Englebrake, VP, Operations  
505-200-0057

Approved to perform: geotech; general and special inspection independent of constructor; LANL must approve inspectors.

Appv History: Insp ES-DO-Memo-22-018 (9/26/22); 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

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

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

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

Greg Krause, General Mgr, gkrause@coreslab.com
Matthew Manning, QC Mgr, mmanning@coreslab.com
Joseph Lujan, QC Supervisor, jlujan@coreslab.com
David Baird, Project Mgr, dbaird@coreslab.com

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

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


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
Mike Henderson, Pres
Rebecca McCellan, QA Mgr


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


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

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


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**Hirschfeld Industries**  
112 WEST 29TH STREET  
SAN ANGELO TX, 76903  
325-486-4201 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  


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**IMR Metallurgical Services - Louisville**  
4102 BISHOP LANE  
LOUISVILLE KY 40218-4504  
502-810-9007 fax: 502-810-0380  
http://www.imrttest.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  
Director of Metallurgy: Tom Ackerson, PE, tom.ackerson@imrttest.com  

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**IRISNDT**  
1115 WEST 41ST ST  
TULSA, OK 74107  
918-446-8773 usinfo@irisndt.com  
www.irisndt.com/us/  

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

Mr. Jimmy Melton, Location Manager, jimmy.melton@irisndt.com  
Mr. Kevin Wilson, US QA Manager Level III, 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, c316-650-2685  


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**Kleinfelder, Inc.**  
See NV5
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: Lou Kummer or Darren Meadows
Materials Test Facility: Edward Gallegos
Supervising ACI Level 2/Engr: Richard Rodarte


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
Gen. Mgr: Manuel Posada, manuel.posada@mistrasgroup.com

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

MMI Tank and Industrial Services, Inc.
3240 S 37TH AVE
PHOENIX AZ 85009-9700
602-272-6000
http://www.mmittank.com/

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

Mr. Stacy Pinckard, President, Stacy@MMItank.com


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

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.

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

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, 435-919-3252

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
Const Insp Dir:  David Falco,
david.falco@NV5.com
QA Mgr: robert.abeyta@nv5.com
QC Contact: Richard Ashbaugh
Richard.ashbaugh@NV5.com


Premier Steel Services, LLC
16420 S HIGHWAY 75
GLENPOOL, OK 74033
918-227-0110; fax: 918-227-0113
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
QA Contact: Rick Humphreys,
rhumphreys@premiersteelservices.com


RedGuard, LLC
401 W 47th ST SOUTH
WICHITA, KS 67217
855-733-4827
https://redguard.com/

Approved to perform:  Steel fabrication

Mr. Tim Scheer, Project Manager,
tims@redguard.com

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

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

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)

TEAM Industrial Services
5095 PARIS STREET
DENVER, CO 80239


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

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

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, hmcarreon@terracon.com
Lab and field supervisor, LANL Project Mgr: Mr. Sadeke Konte, askonte@terracon.com
Office/Eng Manager: Mike Anderson, PE (NM 12132), 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
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
C: 240-215-7011

Mr. Richard Leyva, Quality Control Manager

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

Western Technologies, Inc.
8305 WASHINGTON PL NE
ALBUQUERQUE, NM 87113
505-823-4488 fax 505-821-2963
www.wt-us.com/w/

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

Eng Manager    Jeff Boyd, PE (NM 12412), j.boyd@wt-us.com
QA Contact: Andrew L. Cuaderes, Sr., VP/Dir, a.cuaderes@wt-us.com  505-823-4488
NDE: Clifford Pettigrew, Senior Special Inspector, c.pettigrew@wt-us.com
Field and lab supervisor: Justin Kelly

Wood Environment & Infrastructure Inc.
8519 JEFFERSON ST NE
ALBUQUERQUE NM 87113
505-821-1801
https://www.woodplc.com/our-locations?query=87113
ABQ office only approved to perform: concrete (field and laboratory), 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 Branch Mgr
hugo.carreon@woodplc.com
Dan Kwiecinski, P.E., VP, Eng Manager
dan.kwiecinski@woodplc.com
Peter Guerra, Project Manager,
Peter.guerra@woodplc.com
Jeffrey Mann, P.E., consultant
jeffrey.mann2@woodplc.com

Lucas Giron, P.E.,
lucas.giron@woodplc.com
Jesse Boam, P.E., Lab Supervisor,
Jesse.boam@woodplc.com

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

### LBO-APPROVED PRODUCTS

#### General
LBO approval of suppliers and manufactured products for structural and other work is governed by ESM Chapter 16 Section [IBC-GEN](#) (Section 8.0).

Also at time of writing, [IBC-GEN](#) (Rev. 11, 11/29/2018) said:

8.1. 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. **Such components are automatically** approved by the LBO if they are PI anchors used in a seismically exempt application (see definition). 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 or ER report from IAPMO valid for the code edition in use or newer edition) AND
   2. The design and installation complies 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.

B. 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.

   1. LADBS are at [http://netinfo.ladbs.org/reports.nsf](http://netinfo.ladbs.org/reports.nsf)

C. Other special case components not automatically approved as noted above must be submitted to the ES-EPD Structural Team which will 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/embedment, 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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1 When a given product’s research report isn't compliant with the applicable IBC edition, contact ESM POC for guidance