LANL Building Official

Listing of LBO-Approved IBC Work
Testing, NDE, and Inspection Agencies; Fabricators; and Products
July 28, 2021

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: David Harvey, 695-3667, dpharvey@lanl.gov; Kelly Bingham, 667-6167, kellyb@lanl.gov; or David Bingham.

**To submit updates please notify oruch@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

<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)</th>
<th>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></td>
<td></td>
<td>ABQ office; VT, PT, MT, UT</td>
</tr>
<tr>
<td>Clover Leaf Solutions</td>
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<td></td>
<td></td>
<td></td>
<td>ABQ office</td>
</tr>
<tr>
<td>Concrete, Aggregate, and Asphalt Testing</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Las Vegas, NM</td>
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<tr>
<td>Coreslab Structures</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td>ABQ facility only; not concrete testing</td>
</tr>
<tr>
<td>Daniel B. Stephens &amp; Associates</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td>ABQ, within scope of AASHTO certifications</td>
</tr>
<tr>
<td>LANL (e.g., Triad, LLC)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td>Fab at SM-38 only; all inspections (General and Special) by ES.</td>
</tr>
<tr>
<td>NorthGES</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td>ABQ office; weld VT</td>
</tr>
<tr>
<td>NV5 (formerly Allwyn and Kleinfelder)</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>ABQ office</td>
</tr>
<tr>
<td>Premier NDT Services</td>
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<td></td>
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<td></td>
<td>1</td>
<td></td>
<td>Farmington</td>
</tr>
<tr>
<td>Terracon</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>ABQ office only</td>
</tr>
<tr>
<td>Western Technology</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td>ABQ office only</td>
</tr>
<tr>
<td>Wood</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ABQ office only</td>
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<tr>
<td>Yearout Industrial</td>
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<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td>ABQ</td>
</tr>
</tbody>
</table>

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 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>Geotech Testing (G)</th>
<th>Steel Fab (SF)</th>
<th>Concrete Prefab (CP)</th>
<th>Third-Party Inspection (Note 3)</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>BlueScope Buildings NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Visalia, CA location only</td>
</tr>
<tr>
<td>Bridge Brothers</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Anderson, SC; aluminum pedestrian structures only</td>
</tr>
<tr>
<td>CTL-Thompson Testing Agency, Denver</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Only durability testing per ASTM C 666, prisms in water tank.</td>
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<tr>
<td>Diversified Metal Products</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Idaho Falls, ID</td>
</tr>
<tr>
<td>Global Fire Protection Group</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chads Ford, PA (esp. firestopping)</td>
</tr>
<tr>
<td>Great Denver Iron</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Denver, CO.  LBO reevaluation required before next use.</td>
</tr>
<tr>
<td>Hirschfeld Industries</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>San Angelo, TX plant; NDE: Ultrasonic, Magnetic Particle, Visual and AWS-CWI.</td>
</tr>
<tr>
<td>IMR Metallurgical Services, Louisville KY</td>
<td>X</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Full range of mechanical and chemical testing of metals</td>
</tr>
<tr>
<td>Independence Steel and Rigging</td>
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<td></td>
<td>X</td>
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<td></td>
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<td></td>
<td>Pima, AZ</td>
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<tr>
<td>IRISNDT</td>
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<td></td>
<td>Tulsa, OK</td>
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<tr>
<td>JR Custom Metal Products</td>
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<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Wichita, KS</td>
</tr>
<tr>
<td>Mistras Denver</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td>Radiography, dye penetrant, ultrasonic, and magnetic particle</td>
</tr>
<tr>
<td>MMI Tank and Industrial Services, Inc.</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Phoenix, AZ</td>
</tr>
<tr>
<td>NUCOR–Building Systems–Utah, LLC</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td>Brigham City, UT.  Steel fab on DEOS Project, with conditions.  Other work requires evaluation.</td>
</tr>
<tr>
<td>Premier Steel Fab (Tulsa, OK area)</td>
<td>X</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Excludes demand critical; additional review/approval required for seismic force-load-resisting</td>
</tr>
<tr>
<td>RedGuard</td>
<td>X</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Wichita, KS</td>
</tr>
<tr>
<td>Rigid Global Buildings</td>
<td>X</td>
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<td></td>
<td>Houston, TX</td>
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<tr>
<td>Stork Testing and Metallurgical Consulting</td>
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<td></td>
<td></td>
<td></td>
<td>Houston location/staff only: liquid penetrant, magnetic particle, and ultrasonic testing only</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.

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).

<table>
<thead>
<tr>
<th>Field Method List</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM D2487 Standard Procedure for Classification of Soils for Engineering Purposes</td>
</tr>
<tr>
<td>ASTM D2488 Practice for Description and Identification of Soils (Visual-Manual Procedure)</td>
</tr>
<tr>
<td>ASTM G57 Standard Practice for Soil Resistivity Using the Wenner Four-Electrode Method</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Laboratory Method List</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM D422 Standard Test Method for Particle-size Analysis of Soils</td>
</tr>
<tr>
<td>ASTM D1557 Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort</td>
</tr>
<tr>
<td>ASTM D2216 Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by</td>
</tr>
</tbody>
</table>
Selected Standards (Current Editions)

- A2LA for NDE laboratory testing
- AASHTO re:source (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

**Allwyn**  See NV5

**Amec** see Wood

**Bauman Industrial Labs, LLC**
813 PASEO DEL RIO PLACE SW
ALBUQUERQUE, NM 87105

505-250-6328

Patrick Bauman atomicpat@msn.com;
Pablo 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

**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

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


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


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

Audit 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


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

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@imrtest.com


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

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

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


Kleinfeld, 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: Jim Streit, ES-DO, 606-0600
QA Contact: Lou Kummer or Darren Meadows
Materials Test Facility: Michael Olson
Supervising ACI Level 2/Engr: Richard Rodarte

Certifications last verified: 6/7/2017 TO

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: Radiography, dye penetrant, ultrasonic, and magnetic particle. Requires re-evaluation prior to use.

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

Audit history: Previous (47th Ave) location: DAB/JLR (ES-DO: 11-022, 8/10/2011)
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; and third-party inspection

Applv history: ES-DO-Memo-21-008 (2/18/21); 21-019 (3/29/21); 21-037 (7/28/21) re VT

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


Premier NDT Services, Inc.
2198 BLOOMFIELD HWY
FARMINGTON NM 87401

505-325-1407
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)
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)

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
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 edition1) 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. 2

1. LADBS are at 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.

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