









### **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 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**

**Allwyn** See NV5

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**Amec** see Wood Group

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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

<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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#### **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.ctlthomson.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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**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

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**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

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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**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: 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

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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**Mistras Services**

6660 E 47TH AVENUE DR  
DENVER CO 80216-3407

303-393-9689 fax: 303-393-9760

<http://www.mistrasgroup.com/>

Approved to perform: NDE methods: Radiography, dye penetrant, ultrasonic, and magnetic particle.

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

Executive: James Mikeska, Mountain Region, [james.mikeska@mistrasgroup.com](mailto:james.mikeska@mistrasgroup.com)

Audit history: DAB/JLR (ES-DO: 11-022, 8/10/2011)

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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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**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**

9019-A WASHINGTON ST NE  
ALBUQUERQUE NM 87113

4374 ALEXANDER BLVD NE, SUITE K  
ALBUQUERQUE NM 87107

505-344-7373 fax: 505-344-1711

<http://www.nv5.com/>

Approved to perform: General and Special inspection independent of constructor; LANL must approve inspectors. Concrete, soils, geotech testing at: (1) ABQ office and (2) TRU Waste Facility Project Site Testing Facility only.

VP and Eng/Lab/Field Manager: John North, PE, G.E., [john.north@nv5.com](mailto:john.north@nv5.com)

QC Contact: [benjamin.trujillo@nv5.com](mailto:benjamin.trujillo@nv5.com)

QA Mgr: [robert.abeyta@nv5.com](mailto:robert.abeyta@nv5.com)

Kevin Clah, [kevin.clah@nv5.com](mailto:kevin.clah@nv5.com)

Audit history: As Kleinfelder: ABQ 9/6/13 JLR [ES-DO 13-016] TRU: RT 2/3/2015 [ES-DO 15-010]. Allwyn acceptance: ES-DO 15-022 (5/6/15). NV5 acceptance: Testing: ES-DO-15-025 (7/8/15); insp: ES-DO-20-021 (2/13/20). 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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**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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**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](mailto:hmcarreon@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

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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: 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: 3/1/2011 KB (ES-DO 11-017);  
LBO: 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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**Wood Group/AMEC Foster Wheeler  
Environment & Infrastructure Inc.**

8519 JEFFERSON ST NE  
ALBUQUERQUE NM 87113-1603

505-821-1801

<http://www.woodplc.com/>

ABQ office only approved to perform: concrete, masonry, soils, geotech testing, general and Special inspection (LANL must approve inspectors).

Hugo Carreon, QA and Mgr of Tech Services

[hugo.carreon@woodplc.com](mailto:hugo.carreon@woodplc.com)

Dan Kwiecinski, P.E., VP, Eng

Manager [dan.kwiecinski@woodplc.com](mailto:dan.kwiecinski@woodplc.com)

Abe Sandoval, Materials Dept Branch Mgr

[abe.sandoval@woodplc.com](mailto:abe.sandoval@woodplc.com)

Saul Alanis, Project Manager

[saul.alanis@woodplc.com](mailto:saul.alanis@woodplc.com)

David A. Kondziolka, P.E., consultant

[dave.kondziolka2@woodplc.com](mailto:dave.kondziolka2@woodplc.com)

Ken Wylie, P.E., [ken.wylie@woodplc.com](mailto:ken.wylie@woodplc.com)

Jason Olivar, Lab Supervisor,

[Jason.Olivar@woodplc.com](mailto:Jason.Olivar@woodplc.com)

Audit history: LBO: 9/6/13 JLR 9/9 em. Insp. per  
IQPA-DO:19-108, ES-DO-19-015 (7/24/19).

Certifications last verified: 3/25/20 MNO

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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.

## **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).<sup>1</sup> 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<sup>2</sup>) 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.<sup>3</sup>

1. LADBS are at <http://netinfo.ladbs.org/rreports.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.<sup>4</sup> *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.*

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<sup>1</sup> Incorporates and supersedes CIR-16-002 and outcome of a 5/2016 meeting re Electrical-Safety-Based Penetration Rule & Installation of Seismically-Exempt P-I Anchors (GP minutes dated 5/25). Safety class and safety significant items used in nuclear facilities are required to be procured from an ASME NQA-1 qualified supplier or require a commercial grade dedication.

<sup>2</sup> When a given product's research report isn't compliant with the applicable IBC edition, contact ESM POC for guidance

<sup>3</sup> LADBS Building Code tab Information Bulletin IB/P/BC-2014-119 — *Alternate Building Materials/Products Approval Requirements* [LADBS IB website](#)

<sup>4</sup> *In addition to this requirement to obtain LBO approvals, it is important to note that the general focus of ML-1/2 is primarily a quality assurance evaluation of the manufacturer's or supplier's quality program. The focus of IBC Ch.17 is to assure that proper independent testing has been accomplished.*

### **Specific Product Approvals**

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

Archive