

Project Name City, State

Architect
Company Name

Mechanical Engineer Company Name

General Contractor Company Name

Mechanical Contractor Company Name

Test and Balance Resume

Date



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Section One

Company History

Company History



United Testing and Balancing, Inc. was established as an independent test and balance agency in 1976. The corporate office is based in Nashville, Tennessee. In addition, UTAB maintains technical personnel in both the Knoxville and Chattanooga areas thus enabling us to confidently provide a wide area of service.

The mission of United Testing and Balancing, Inc. is to provide the highest level of quality workmanship, reliable reporting and customer service to every client. We accomplish this with skilled, certified technicians, who utilize state of the art equipment to maximize the performance and efficiency of all HVAC systems. UTAB has met all requirements and is certified by both the National Environmental Balancing Bureau (NEBB Certificate Number 2555) and the Associated Air Balance Council (AABC). We continue to maintain memberships and are an active part of both organizations.

Since 1976, UTAB has tested and balanced a variety of projects, ranging from small constant volume DX systems to multi-tonnage variable volume systems with multiple looped chillers. We are also qualified to measure sound and vibration performance of HVAC systems. In conjunction, United Testing and Balancing, Inc. is a member of the Indoor Air Indoor Air Quality Association and is capable of performing multi-phase Indoor Air Quality (IAQ) investigations and monitoring for building owners and property managers. United Testing and Balancing, Inc. evaluates, tests and adjusts ventilation systems in healthcare facilities that require certification for state code compliance.

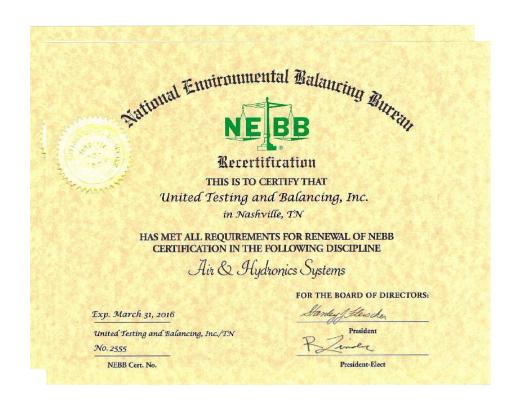
Continuing education is a top priority at United Testing and Balancing, Inc. UTAB endorses continued education of team members through special industry-related courses, in-house training sessions and/or supplementing payment of college tuition. All technicians are encouraged to strive toward gaining their individual NEBB and/or AABC certifications. To further emphasize our belief in the importance of continued education, UTAB provides seminars (free of charge) for mechanical engineers, mechanical contractors and owners' maintenance personnel on industry-related topics.

With over 300 years of cumulative experience in the test and balance industry, United Testing and Balancing, Inc. offers an experienced and well qualified staff to assist in the performance of all aspects of HVAC testing and balancing. UTAB has sufficient staff and resources to handle the workload peaks without sacrificing quality or adversely affecting other ongoing projects.

At UTAB, we feel we are large enough to provide competitive, expeditious service yet small enough to care about the complete satisfaction of our clients. We are optimistic in looking forward to the future and all the opportunities and challenges it will bring.

Company Certifications





AABC Certification









Section Two

UTAB Team



Education Ft. Belvoir Army Engineering School for Refrigeration

and Conditioning, 1958

Air Force Instructors Training School, 1959

Southwestern University, 1964

Completed NEBB Building Commissioning Course, 1996

Certifications AABC (TBE 87-05-26), NEBB (Air and Hydronics)

Associations Associated Air Balance Council

National Environmental Balancing Bureau

Relevant Experience

Opryland Hotel Addition (Nashville, Tennessee) Primary and secondary loop system with variable speed pumps for capacity control served by central plant.

Nashville Convention Center (Nashville, Tennessee) Multiple variable volume systems served by Nashville Thermal. Five kitchens in complex with make up air and exhaust.

Chattanooga Convention Center (Chattanooga, Tennessee) Multiple variable volume systems with chilled and hot water generated on site.

Redstone Arsenal, Building 4488 (Huntsville, Alabama) Multiple variable volume systems with chilled and hot water generated on site.

NASA Building 4623 (Huntsville, Alabama) Constant volume hot and chilled water systems.

South Central Bell (Hoover, Alabama) Six floors of switchgear, cooled with variable volume chilled water generated on site.

AABC Certification





Associated Air Balance Council

Annual Certificate

Awarded to

Walter McCauley

United Testing & Balancing, Inc.

In recognition of his qualifications as a

Gertified Test and Balance Engineer

under the rules, regulations, and requirements of the Associated Air Balance Council. The above named is fully authorized to perform total system balance in accordance with the standards as established by the AABC and as a member of the Associated Air Balance Council for the year

2016

This registration number 87-05-26 is fully recognized by the bylaws and charter of this professional association. Certification is renewable on an annual basis after examination of the agency's record for the preceding year. This certificate expires December 31, 2016.

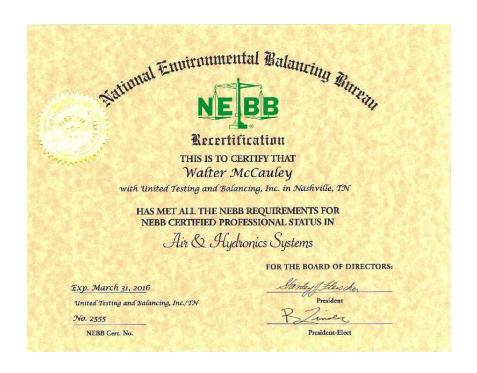


Daniel J. Acri, President

Konneth M Dugka Kenneth M. Sufka, Executive Director

NEBB Certifications









hereby certifies that

Walter McCauley

Building Systems Commissioning, Inc.

has demonstrated the requisite knowledge and understanding of the building commissioning process as presented in the ACG Commissioning Guideline and passed the necessary examination to be awarded this certificate in recognition of their qualifications as an ACG

Certified Commissioning Authority

This registration number 505-072 and this certificate, valid only for the year 2016, are renewable on an annual basis after examination of the agency's record for the preceding year.



W Joseph Helm, P.E., President

Ray Bert, Executive Director

Benjiman J. Link President



Education Middle Tennessee State University, Bachelor of Science

Area of Study—Aerospace Engineering

Certifications AABC (TBE 10-05-79)

UTAB Team Member since 2002

Associations AABC—Associated Air Balance Council

ACG—AABC Commissioning Group

ASHRAE—American Society of Heating, Refrigeration and Air

Conditioning Engineers

Relevant Experience

Nissan North American Headquarters, Franklin, Tennessee

Williamson County Medical Center, Franklin, Tennessee

Opryland Hotel Complex Flood Renovation, Nashville, Tennessee

Pinnacle Financial Partners Building, Nashville, Tennessee

Nashville International Airport Terminal Renovation, Nashville, Tennessee

Austin Peay State University New Undergraduate Housing, Clarksville, Tennessee

NSCC Existing Facility Upgrades, Nashville, Tennessee

Franke Foods, Smyrna, Tennessee

Nashville Symphony Center Floor Renovations, Nashville, Tennessee

AABC Certification





Associated Air Balance Council

Annual Certificate

Awarded to

Benjiman J. Link

United Testing & Balancing, Inc.

In recognition of his qualifications as a

Gertified Test and Balance Engineer

under the rules, regulations, and requirements of the Associated Air Balance Council. The above named is fully authorized to perform total system balance in accordance with the standards as established by the AABC and as a member of the Associated Air Balance Council for the year

2016

This registration number 10-05-79 is fully recognized by the bylaws and charter of this professional association. Certification is renewable on an annual basis after examination of the agency's record for the preceding year. This certificate expires December 31, 2016.



Daniel J. Acri, President

Konneth M Dufka Kenneth M. Sufka, Executive Director

Organizational Team Members



TONY KENNEDY, Estimator

Education University of Tennessee, Bachelor of Science

Area of Study—Business Administration

UTAB Team Member since 1987

KATHY OGLES, Contracts/Follow-up

Education Middle Tennessee State University, Bachelor of Science

Area of Study—Business Education/Office Management

CPS Degree, 1992

UTAB Team Member since 1987

JO DAVIDSON, Office Manager

Education University of Tennessee

Area of Study—Accounting

UTAB Team Member since 1995

NATE SAUNDERS, Projects Manager

Education ABC Project Management

AABC Certified Technician

UTAB Team Member since 2003

Organizational Team Members



JESSICA CLARK, Scheduling Assistant

UTAB Team Member since 2006

LAURA WOOD, Administrative Assistant

Education Western Kentucky University, Bachelor of Science

Area of Study—Public Health

UTAB Team Member since 2008

DANNY ATCHLEY, Business Development

UTAB Team Member since 2011

PAM SMILEY, Accounts Receivables

UTAB Team Member since 2012

AABC Certification





Associated Air Balance Council

hereby certifies that

Nathan S. Saunders

has met all requirements and passed the necessary examination to perform testing and balancing as an AABC

Gerțified Test & Balance Technician under the supervision of a certified test and balance engineer for

United Testing & Balancing, Inc.

This registration number 105-05-06 is only recognized under the auspices of the above numed AABC member agency. This certificate expires December 31, 2016 and is renewable on an annual basis.

Samuel J. Con.

Daniel J. Sci., President Kenneth, M. Sufka.

Kenneth M. Sufka, Executive Director

Technical Team Members Test and Balance Engineers



BILLY CARL, AABC Certified Test and Balance Engineer

Education Tennessee Technical Institute

Area of Study—Refrigeration/Electricity

Environmental Engineering Consultant

Area of Study—Test and Balance Systems 452

UTAB Team Member since 1994

Lead technician projects Franklin Woods Memorial Hospital, Johnson City, TN

John D. Archbold Medical Center, Thomasville, Georgia

Tennessee South Data Center, Smyrna, Tennessee West Palm Beach Surgery Center, West Palm Beach, FL

Vanderbilt Medical Center 7th Floor Critical Care Tower

STEWART MOEN (AABC Certified Test and Balance Engineer)

Education S. Dakota School of Mines and Technology, Bachelor of Science

Area of Study—Mechanical Engineering

ACG Certified Commissioning Authority (CxA), ACG Certified

Energy Management Professional (EMP)

UTAB Team Member since 2003

Lead technician projects Parkwest Hospital, Knoxville, Tennessee

East Tennessee Radiation Therapy, Knoxville, Tennessee East Tennessee State Lab Annual Recertification, Knoxville

Sovereign Grace Church, Marlton, New Jersey

Knoxville Utility Board Jackson Avenue Labs, Knoxville





Associated Air Balance Council

Annual Certificate

Awarded to

William A. Carl, Jr.

United Testing & Balancing, Inc.

In recognition of his qualifications as a

Gertified Test and Balance Engineer

under the rules, regulations, and requirements of the Associated Air Balance Council. The above named is fully authorized to perform total system balance in accordance with the standards as established by the AABC and as a member of the Associated Air Balance Council for the year

2016

This registration number 06-05-64 is fully recognized by the hydaws and charter of this professional association.

Gerification is renewable on an annual basis after examination of the agency's record for the preceding year. This certificate expires December 31, 2016.



Daniel J. Acri, President

Konneth M Dufka Kenneth M. Sufka, Executive Director





Associated Air Balance Council

Annual Certificate

Awarded to

Stewart Moen

United Testing & Balancing, Inc. (Knoxville)

In recognition of his qualifications as a

Gerţified Test and Balance Engineer

under the rules, regulations, and requirements of the Associated Air Balance Council. The above named is fully authorized to perform total system balance in accordance with the standurds as established by the AABC and as a member of the Associated Air Balance Council for the year

2016

This registration number 98-04-21 is fully recognized by the bylaws and charter of this professional association. Gertification is renewable on an annual basis after examination of the agency's record for the preceding year. This certificate expires December 31, 2016.



Daniel J. Acri, President

Konneth M Dufka Kenneth M. Sufka, Executive Director





hereby certifies that

Stewart Moen

Building Systems Commissioning, Inc.

has demonstrated the requisite knowledge and understanding of the energy management process as presented in the EMA Energy Management Guideline and passed the necessary examination to be awarded this certificate in recognition of his qualifications as an EMA

Energy Management Professional (EMP)

This registration number 412-E42 and this certificate, valid only for the year 2016, are renewable on an annual basis after examination of the company's record for the preceding year.





Annual Membership Gertificate awarded to Building Systems Commissioning, Inc. As a member in good standing of the Energy Management Association for the year 2016 This member has met all requirements for membership and is entitled to all rights and privileges of E.M.A. Gorporate Membership. This certificate is renewable unual basis and expires December 31, 2016.





hereby certifies that

Stewart Moen

Building Systems Commissioning, Inc.

has demonstrated the requisite knowledge and understanding of the building commissioning process as presented in the ACG Commissioning Guideline and passed the necessary examination to be awarded this certificate in recognition of their qualifications as an ACG

Certified Commissioning Authority

This registration number 505-073 and this certificate, valid only for the year 2016, are renewable on an annual basis after examination of the agency's record for the preceding year.



W Joseph Helm, P.E., President

Ray Bert, Executive Director

Technical Team Members Test and Balance Engineers



BEN SEWELL, AABC Certified Test and Balance Engineer

UTAB Team Member since 1993

Lead technician projects

Oak Ridge Associated Universities, Oak Ridge, TN

South College Tenant Finish Out, Knoxville, Tennessee UT Hesler Biology Building, Knoxville, Tennessee UTMC Cancer Institute MOB F, Knoxville, Tennessee Dumplin Valley Elementary School, Jefferson County, TN

JIMMY THOMAS, AABC Certified Test and Balance Engineer

Education Tennessee Technical Institute

Area of Study—Refrigeration

Carrier, Inc., Technical Development Program

UTAB Team Member since 1985

Lead technician projects Von Braun Phase III Redstone Arsenal, Huntsville, AL

Vanderbilt Health at 100 Oaks, Nashville, TN Nashville State Community College Antioch

Campus, Nashville, Tennessee

Ft. Campbell 52nd BRAC Battalion and Bridge Headquarters, Ft. Campbell, Kentucky

Lynchburg Elementary School Gymnasium Renovation,

Lynchburg, Tennessee





Associated Air Balance Council

Annual Certificate

Awarded to

Ben P. Sewell

United Testing & Balancing, Inc. (Knoxville)

In recognition of his qualifications as a

Cerțified Test and Balance Engineer

under the rules, regulations, and requirements of the Associated Air Balance Council. The above named is fully authorized to perform total system balance in accordance with the standards as established by the AABC and as a member of the Associated Air Balance Council for the year

2016

This registration number 06-05-68 is fully recognized by the bylaws and charter of this professional association. Certification is renewable on an annual basis after examination of the agency's record for the preceding year. This certificate expires December 31, 2016.



Daniel J. Acri, President

Kenneth M Dujka Kenneth M. Sufka, Executive Director





Associated Air Balance Council

Annual Certificate

Awarded to

James A. Thomas

United Testing & Balancing, Inc.

In recognition of his qualifications as a

Certified Test and Balance Engineer

under the rules, regulations, and requirements of the Associated Air Balance Council. The above named is fully authorized to perform total system balance in accordance with the standards as established by the AABC and as a member of the Associated Air Balance Council for the year

2016

This registration number 06-05-63 is fully recognized by the bylaws and charter of this professional association. Certification is renewable on an annual basis after examination of the agency's record for the preceding year. This certificate expires December 31, 2016.



Daniel J. Acri, President

Konneth M. Sufka Executive Director





hereby certifies that

James A. Thomas

Building Systems Commissioning, Inc.

has demonstrated the requisite knowledge and understanding of the building commissioning process as presented in the ACG Commissioning Guideline and passed the necessary examination to be awarded this certificate in recognition of their qualifications as an ACG

Certified Commissioning Authority

This registration number 409-455 and this certificate, valid only for the year 2016, are renewable on an annual basis after examination of the agency's record for the preceding year.



w.Joseph Fleim, F.E., President

Ray Bert, Executive Director



JIM SMULLINS, NEBB and AABC Certified Technician

Education Austin Peay State University

Area of Study—Police Science

UTAB Team Member since 1999

Lead technician projects MTSU Student Union Bldg, Murfreesboro, Tennessee

Frist Visual Arts Center, Nashville, Tennessee TPAC Jackson Hall, Nashville, Tennessee Volunteer State Community College, Gallatin

Technical Team Members AABC and NEBB Certification





Associated Air Balance Council

hereby certifies that

James T. Smullins

has met all requirements and passed the necessary examination to perform testing and balancing as an AABC

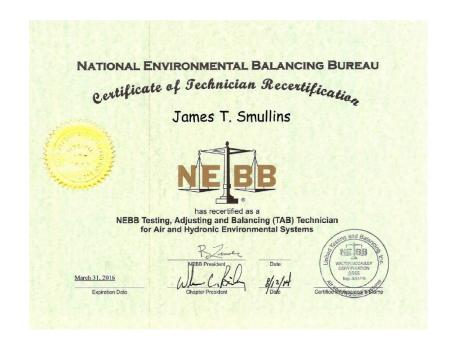
Gertified Test & Balance Technician under the supervision of a certified test and balance engineer for

United Testing & Balancing, Inc.

This registration number 104-05-06 is only recognized under the auspices of the above named AABC member agency. This certificate expires December 31, 2016 and is renevable on an annual basis.

Daniel J. Acri. President

Konnett m Dujka





CARY BEADLE, AABC Certified Technician

Education University of Tennessee

Area of Study—Psychology

UTAB Team Member since 2012

Lead Technician Projects Jefferson County High School, Dandridge, Tennessee

University of Tennessee Zeta Tau Alpha Sorority House,

Knoxville, Tennessee

BHS Corrugated, Knoxville, Tennessee

J. Frank White Academy, Harrogate, Tennessee Jefferson Family Physicians, Dandridge, Tennessee



hereby certifies that

Cary H. Beadle

has met all regairements and passed the necessary examination to perform testing and balancing as an . (. (BC

Gertified Fest & Balance Fechnician

under the supervision of a certified test and balance engineer for

United Testing & Balancing, Inc.

This registration number 194-0514 is only recognized under the auspices of the above named . (. (BE member agency. This certificate expires December 31, 2016 and is renewable on an annual basis.



TIM BLEDSOE, AABC Certified Technician

UTAB Team Member since 1996

Lead technician projects

SL America New Chassis Plant, Clinton, Tennessee Lincoln Memorial University Math & Science Smyth County Hospital, Marion Virginia UT Min Kao Electrical & Computer Engineering Dow Chemical



Associated Air Balance Council

hereby certifies that

Timothy M. Bledsoe

has met all requirements and passed the necessary examination to perform testing and balancing as an AABC

Gertified Test & Balance Technician under the supervision of a certified test and balance engineer for

United Testing & Balancing, Inc.

This registration number 111-05-07 is only recognized under the auspices of the above numed A. 1.86 member agency. This certificate expires December 81, 2016 and is renewable on an annual basis.

Daniel J. Acri, President

Konnett M Dujka Konneth M. Sulka, Executive Director



RANDY BRITT, AABC Certified Technician

Education

Jackson State Community College

Area of Study—Business Administration

UTAB Team Member since 1991

Lead technician projects

Spallation Neutron Source Central Lab and Office Building

Doctor's Hospital, Laredo, Texas

ORNL Bio Mass, Oak Ridge, Tennessee Tru Alpha Waste Processing Center CASK

Processing, Oak Ridge, Tennessee

Schering Plough/Merck, Cleveland, Tennessee



hereby certifies that

Randell Britt

has met all requirements and passed the necessary examination to perform testing and balancing as an A. (BC

Gertified Test & Balance Technician under the supervision of a certified test and balance engineer for

United Testing & Balancing, Inc.

This registration number 31-05-98 is only recognized under the auspices of the above named . (. 1086 member agency. This certificate expires December 31, 2016 and is renewable on an annual basis.



ALEX LEE DUKE, AABC Certified Technician

Education

Tennessee Technology Center

Area of Study—HVAC Refrigeration

UTAB Team Member since 2012

Lead Technician Projects

Country Hall of Fame Expansion, Nashville, Tennessee

Asurion, Smyrna, Tennessee

Vanderbilt University Student Recreation Center Expansion & Field House, Nashville, Tennessee Pellissippi State Community College Expansions,

Knoxville, Tennessee

Bridgestone Metalpha USA, Clarksville, Tennessee



hereby certifies that

Alex L. Duke

has met all requirements and passed the necessary examination to perform testing and balancing as an . (. (BC

Gertified Test & Balance Technician under the supervision of a certified test and balance engineer for

United Testing & Balancing, Inc.

This registration number 192-05-14 is only recognized under the auspices of the above named A. (BC member agency. This certificate expires December 31, 2016 and is renewable on an annual basis.

Samuel J. ani

Konneth M Sugka



JACOB ELLIOTT, AABC Certified Technician

UTAB Team Member since 2011

Lead Technician Projects Bridgestone Arena, Nashville, Tennessee

Fort Campbell Fitness Center, Fort Campbell, Kentucky Andrew Johnson and Davy Crockett Towers, Nashville, TN

MTSU Student Services Facility, Murfreesboro, TN

Compass Data Center, Franklin, Tennessee



hereby certifies that

Jacob D. Elliott

has met all requirements and passed the necessary examination to perform testing and balancing as an . (. (BC

Gertified Test & Balance Technician under the supervision of a certified test and balance engineer for

United Testing & Balancing, Inc.

This registration number 191-05-14 is only recognized under the auspices of the above named . (. 1386 member agency. This certificate expires December 31, 2016 and is renewable on an annual basis.

Samuel J. Acri, President

Konneth M Sugha Kenneth M. Surka Executive Director



BILLY HARRINGTON, AABC Certified Technician

UTAB Team Member since 2000

Lead technician projects IRS Call Center, Franklin, Tennessee

Franklin Historic Courthouse, Franklin, Tennessee St. Thomas Hospital IMRI, Nashville, Tennessee Nashville Korean United Methodist Church, Oak Hill

Hillsboro School K-8, Leipers Fork, Tennessee



hereby certifies that

Billy W. Harrington

has met all requirements and passed the necessary examination to perform testing and balancing as an A. (BC

Gertified Test & Balance Technician under the supervision of a certified test and balance engineer for

United Testing & Balancing, Inc.

This registration number 98-05-06 is only recognized under the auspices of the above named AABC member agency. This certificate expires December 31, 2016 and is renewable on an annual basis.

Samuel J. Occi.

Kenneth M Sufka Kenneth M. Sufka, Executive Director



BRIAN HARRINGTON, AABC Certified Technician

UTAB Team Member since 2000

Lead technician projects

Vanderbilt University Jacobs Hall School of Engineering, Nashville, Tennessee

Vanderbilt University Medical Center Bill Wilkerson Center, Nashville, Tennessee

National Healthcare Corporation Nursing Home Facility, Bluffton, South Carolina

Suntrust Bank Building, 5th and Church, Nashville, TN Centennial Medical Center Cardiology Tower, Nashville Music City Center, Nashville, Tennessee



hereby certifies that

Timothy B. Harrington

has met all requirements and passed the necessary examination to perform testing and balancing as an AABC

Gerțified Fest & Balance Fechnician

under the supervision of a certified test and balance engineer for

United Testing & Balancing, Inc.

This registration number 100-05-06 is only recognized under the uspices of the above named AABC member agency. This certificate expires December 81, 2016 and is renewable on an annual basis.



DERRICK HARRINGTON, AABC Certified Technician

UTAB Team Member since 2002

Lead technician projects Volkswagen Plant, Chattanooga

UT Chattanooga Grote Hall Art's Way, New Iberia, Louisiana

Mall at Green Hills Addition & Renovation, Nashville, TN

Manchester Memorial Tower Addition, Kentucky



hereby certifies that

Derrick B. Harrington

has met all requirements and passed the necessary examination to perform testing and balancing as an A. (BC

Ger4ified Fest & Balance Fechnician under the supervision of a certified test and balance engineer for

United Testing & Balancing, Inc.

This registration number 99-05-06 is only recognized under the auspices of the above named . (. (&C member agong. This certificate expires December 81, 2016 and is renewable on an annual busis.

Samel & ani

Konneth M Surka Executive Howeles



TRESLYN LINK, AABC Certified Technician

Education Austin Peay State University, Bachelor of Science

Area of Study—Communication

UTAB Team Member since 2009

Lead technician projects Dickson County Schools, Dickson, Tennessee

Austin Peay State University Harrod and Ellington Halls,

Clarksville, Tennessee

Music City Center, Nashville, Tennessee

Austin Peay State University, Undergraduate Housing,

Clarksville, Tennessee



hereby certifies that

John T. Link

has met all requirements and passed the necessary examination to perform testing and balancing as an . (. (BC

Gertified Test & Balance Technician under the supervision of a certified test and balance engineer for

United Testing & Balancing, Inc.

This registration number 193-05-14 is only recognized under the auspices of the above named A. (BC member agency. This certificate expires December 31, 2016 and is renewable on an annual basis.



Konneth m Sugka

Technical Team Members Certified Indoor Environmentalist



DAVID McCAULEY, Certified Indoor Environmentalist

Education ACAC Council-Certified Indoor Environmentalist

UTAB Team Member since 2005

Lead CIE projects Hamilton Medical Center NICU Renovation IAQ, Dalton, GA

Parkwest Operating Room Renovation IAQ, Knoxville, TN

IRS Call Center LEED IEQ3.2, Nashville, Tennessee General Mills IAQ Survey, Murfreesboro, Tennessee Metropolitan Nashville Police Department West Precinct

LEED IEQ3.2, Nashville, Tennessee

Technical Team Members Certified Indoor Environmentalist





hereby certifies that

David McCauley

has met all the specific standards and qualifications of the re-certification process, including continued professional development, and is hereby re-certified as a



Council-certified Indoor Environmentalist

This certificate expires on August 31, 2014.

Charles F Wiles Executive Director	Certificate Number
Charles Thile-	1008005

This certificate remains the property of the American Council for Accredited Certification.



Technical Team Members AABC Certified Technician



J. R. MERRITT, AABC Certified Technician

UTAB Team Member since 2008

Lead technician projects

Hemlock Semiconductor P107 Building, Clarksville, TN
Siloam Springs Memorial Hospital, Siloam Springs, AR
Ft. Campbell Warrior in Transition Company
Headquarters, Ft. Campbell, Kentucky
Convergys Corporation Phase 2, Clarksville, Tennessee
Tennessee Tower Capital Mechanical and Electrical
Upgrades, Nashville, Tennessee



hereby certifies that

John R. Merritt

hac met all requirements and passed the necessary examination to perform testing and balancing as an A.ABC

Gertified Test & Balance Technician under the supervision of a certified test and balance engineer for

United Testing & Balancing, Inc.

This registration number 156-05-11 is only recognized under the auspices of the above named A. (BC member agency. This certificate expires December 31, 2016 and is renewable on an annual busis.

Daniel J. Oci Provident

Konneth m Sugka

Technical Team Members AABC Certified Technician



DENNIS PICKARD, AABC Certified Technician

UTAB Team Member since 1996

Lead technician projects General Mills, Buffalo, New York

Merck Claritin Packing Relocation, Cleveland, TN

Alstom Power, Chattanooga, Tennessee

Blue Cross Blue Shield, Chattanooga, Tennessee



Associated Air Balance Council

hereby certifies that

Dennis Pickard

has met all requirements and passed the necessary examination to perform testing and balancing as an A. (BC

Gertified Test & Balance Technician under the supervision of a certified test and balance engineer for

United Testing & Balancing, Inc.

This registration number 33-05-98 is only recognized under the auspices of the above named . (. C&C member agency. This verificate expires December 31, 2016 and is renewable on an annual basis.

Daniel J. Acri, President

Karneth m Dujka

Technical Team Members AABC Certified Technician



RYAN TEJEDA, AABC Certified Technician

UTAB Team Member since 2000

Lead technician projects

Belmont University Student Life Center, Nashville, Tennessee McKee Foods Plant 5 Expansion, Collegedale, Tennessee Hugh Chatham Memorial Hospital Addition, Elkin, NC Hemlock Building P-001, Clarksville, Tennessee Franklin County High School



hereby certifies that

Ryan L. Tejeda

has met all requirements and passed the necessary examination to perform testing and balancing as an A. A.B.C

Gertified Test & Balance Technician under the supervision of a certified test and balance engineer for

United Testing & Balancing, Inc.

This registration number 102-05-06 is only recognized under the auspices of the above named A. (SBG member agency. This certificate expires December 81, 2016 and is renewable on an annual basis.

Samel J. ani

Konnett, M. Dujka Kenneth M. Sufka, Executive Director

Technical Team Members



SHANE CAMPBELL, Apprentice UTAB Team Member since 2013

FRANKIE PERROTTA, Apprentice UTAB Team Member since 2012



Section Three

Sample Forms

AABC National Performance Guaranty



AABC National Performance Guaranty

Pursuant to the agreement between

United Testing and Balancing, Inc.

All systems shall be tested and balanced in accordance with the project plans and specifications and to the optimum preformance capabilities of the equipment. Yesting and balancing shall be done in accordance with the standards published by the Associated Air Balance Council.

If the Agency listed above fails to comply with the specifications for any reason other than termination of business by the AABC agency or equipment mathenation or inadequacy which prevents proper halancing of the systems, AABC will investigate and, if internated, will psovide supervisory personnel to assist the member Agency to perform work in accordance with AABC Standards. This supervision will be provided at no additional coult to the building owner.

This Guaranty is valid for one year from the date of submission of a test and balance report, provided the Agency is a current member of AABC, and may only be invoked in writing by the building owner, architect, or engineer of record. The Guaranty is limited to the terms and conditions as stated herein.

Project Name

Address

Name of Engineer

Engineering Firm

Mailing Address

Email Address

Date

TOL# 87-05-26

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UTAB Gumety Addenders

Hierarchie Inspect on Phi Hierarchy, is welded immediately on the earlies HVAC system(i) for which UTAB may be proposed in fine of our work is immored with or changed without welfers primitises. Then UTAB in the purty-brains will be held accountable for acts costs incurred by UTAB including, but not likelihold to solve they cook it cannot be provided to solve they cook it cannot be party-brain of the property of the project to consider insufficience of the project to consider insufficience.



Associated Air Balance Council 1518K Street, N.W.

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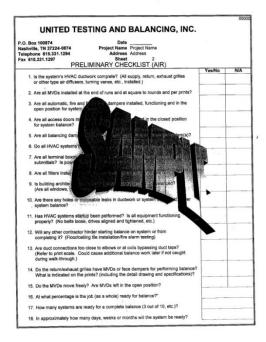
Certificate of Insurance (Sample)

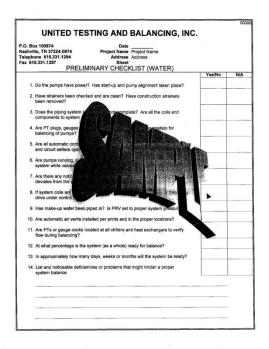


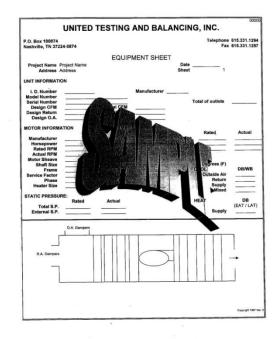
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NSUR	ED		INSURER A: W	ESTFIELD CO	OMPANIES	24112
			INSURER B:			
	United Testing & Bal Walter McCauley 199 Thompson Lane Nashville TN 37211	ancing, Inc	INSURER C:			
	199 Thompson Lane		INSURER D:			
	Nashville TN 37211		INSURER E:			
COV	ERAGES			-		
THI	POLICIES OF INSURANCE LISTED BELOW PREQUIREMENT, TERM OR CONDITION OF PERTAIN, THE INSURANCE AFFORDED BY LICIES, AGGREGATE LIMITS SHOWN MAY H.	ANY CONTRACT OR OTHER DOCU THE POLICIES DESCRIBED HEREI	N IS SUBJECT TO	FOR THE POLICY PECT TO WHICH TH ALL THE TERMS, E	PERIOD INDICATED. NOTV HIS CERTIFICATE MAY BE IS KCLUSIONS AND CONDITION	WITHSTANDING SSUED OR PNS OF SUCH
HED W	nort	POLICY NUMBER	DATE (MM/DD/YY)	POLICY EXPIRATION	LIMITS	3
LTR II		COLOT NOMBER	DATE (MM/DDITY)	DATE (IMMIDDITT)	EACH OCCURRENCE	\$1,000,000
.	GENERAL LIABILITY	TRA1935740	11/14/05	11/14/06	DAMAGE TO RENTED PREMISES (Ea occurence)	s 50,000
A		TRA1 333 / 40	71/14/02	11/14/00	MED EXP (Any one person)	s 5,000
	CLAIMS MADE X OCCUR		1		PERSONAL & ADV INJURY	s 1,000,000
		20.00		1	GENERAL AGGREGATE	\$ 2,000,000
				i i	PRODUCTS - COMP/OP AGG	\$2,000,000
- 1	GEN'L AGGREGATE LIMIT APPLIES PER:				PRODUCTS - COMPTOR AGG	32,000,000
A	X POUCY PRO- LOC AUTOMOBILE LIABILITY X ANY AUTO	TRA1935740	11/14/05	11/14/06	COMBINED SINGLE LIMIT (Ea accident)	s 500,000
	ALL OWNED AUTOS SCHEDULED AUTOS				BODILY INJURY (Per person)	s
	X HIRED AUTOS X NON-OWNED AUTOS				BODILY INJURY (Per accident)	s
					PROPERTY DAMAGE (Per accident)	s
_	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	s
	ANY AUTO	7 1 1			OTHER THAN EA AGE	s
	H	7			OTHER THAN AUTO ONLY: AGG	s
_	EXCESS/UMBRELLA LIABILITY	7		653	EACH OCCURRENCE	\$5,000,000
A		TRA1935740	11/14/05	11/14/06	AGGREGATE	s
1	A 3000K					s
1	DEDUCTIBLE					s
l	RETENTION \$					s
-	WORKERS COMPENSATION AND				X TORY LIMITS ER	1
	EMPLOYERS' LIABILITY	WCP1935992	11/14/05	11/14/06	E.L. EACH ACCIDENT	s 500000
A	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?	HOL 1333334	77/ 74/00	22, 24, 50	E.L. DISEASE - EA EMPLOYE	
1	If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - POLICY LIMIT	
\vdash	SPECIAL PROVISIONS below OTHER			-		1.000
	OTHER					
		The state of the s	TAPAT LODGOLA: DO	Difference -		
DES	CRIPTION OF OPERATIONS / LOCATIONS / VEHICL	Consulting -	No Const	DVISIONS		
1	Engineer or Architect	consurcing	NO COMBC			
1						
CI	RTIFICATE HOLDER		CANCELLA			
		SKANUS	A SHOULD ANY	OF THE ABOVE DESC	RIBED POLICIES BE CANCELLE	D BEFORE THE EXPIRATION
		2202102	DATE THEREO	F, THE ISSUING INSUI	RER WILL ENDEAVOR TO MAIL	10 DAYS WRITTEN
					ER NAMED TO THE LEFT, BUT	
					TY OF ANY KIND UPON THE IN	
1			REPRESENTA			
			AUTHORIZED R	EPRESENTATIVE /	mi na 1	
			vai	to the	ming	
_	2077 05 (2004/20)				© ACOF	RD CORPORATION

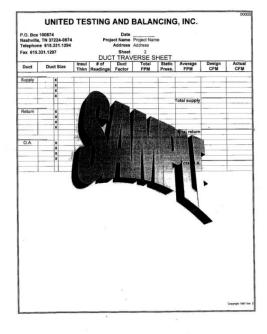
Test and Balance (Sample Forms)





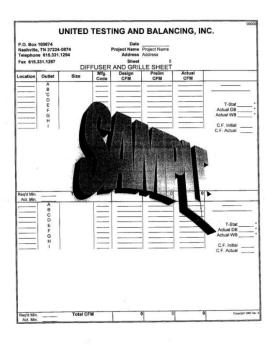


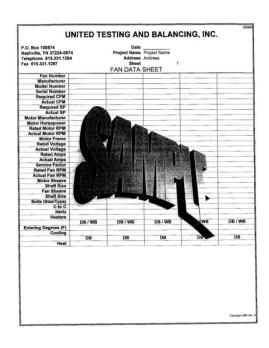


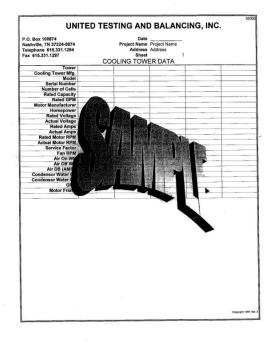


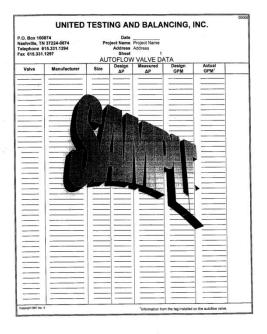
Test and Balance (Sample Forms)







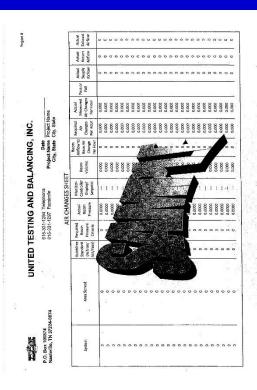


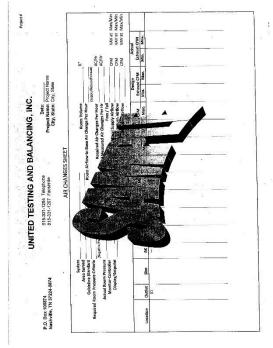


Air Change (Sample Forms)



Project Name Project Name Chy, State Chy, St	dryille, TN 37224-0874	WW	.utabinc.com		Office 615-331-120 Fax 615-331-129
Coldelines Standard Inspection Standard Date Impection for Date Impect	Project Name Proje	ect Name	24	UTAB Project Pri	
John Commissioning Standards: EC.D2.D5.01 Element of Performance (EP) 6 Testing Performed: Testing of areas designed to control althome certaminates (such as biological agents, gar frames, dart, etc.) The testing of vendfation systems for adequate pressure relationships and air exchange rat Method of Testing (Enginement used). Egisting information of polytim informancemeter and flowhood. All equipment meets NEBB, AADC and manifacturer's guidelices for calibration.	7 (10 2 (10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	State		inspection Start Date Inspection End Date	
Testing Performeds. Testing of areas designed to control althome contaminates (such as biological agents, gas funnes, dist, etc.) The testing of ventilation systems for adequate pressure relationships and air exchange rat the testing of the state of	port Summary:				15
furnes, dust, etc.) The testing of ventilation systems for adequate pressure relationships and air exchange rat <u>Method of Testing (Epipiment used)</u> : Digital micromanometer and flowhood. All equipment meets NEBB, AADC and manfacturer's <u>purphines</u> for calibration.	oint Commissioning Star	ndard: EC.02.05.01 Elen	nent of Performance	(EP) 6	
	Nethod of Testing (Equip ABC and manfacturer's	pment used): Digital mic	romanometer and fle		CONTRACTOR I
		80 5401			
9					
			ō		







Section Four

Equipment Lists and Calibrations*

(*Calibrations available upon request)



INSTRUMENT OWNERSHIP FOR UNITED TESTING AND BALANCING, INC.

This record shows ownership of and model numbers for a full set of test and balance instruments.

Extech Laser Photo/Contact Tachometer Model # 461995

Cooper Electro-therm Humidity/Temperature Model # SRH77A

Fluke Remote Display True RMS Clamp Meter Model # 336 / 381

Shortridge Multimeter Model # ADM-870 / 870C

Dwyer Digital Pressure Gauge Model # DPG-007

Alnor Rotating Vane Anemometer Model # RVA501

Alnor Hydronic Manometer Model # HM670

Bacharach Sling Psychrometer Model # 12-7012

Dwyer Pitot Tube Model # 160-18, 160-24, 160-36, 160-48

Shortridge Instrument 4' Airfoil



Section Five

Corporate Policies*

(*Available upon request)