

Understanding the Impact of Deploying ABC's STEP Safety Management System on Overall Safety Performance

ABC 2022 SAFETY PERFORMANCE REPORT



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UNDERSTANDING THE IMPACT OF DEPLOYING ABC'S STEP SAFETY MANAGEMENT SYSTEM ON OVERALL SAFETY PERFORMANCE

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ABC engaged RSM, an independent third party and leading U.S. provider of audit, tax and consulting services, to recalculate ABC's calculations and check formulas used against published formula definitions. The 2021 STEP self-assessment data from ABC members was used to calculate the numbers reflected in the 2022 Safety Performance Report.

You Can Achieve World-Class Safety. Start Today.

Executing on your commitment to world-class safety takes fortitude and effort, as it is fraught with leadership challenges. During this journey, leaders eventually ask themselves and their employees questions such as:

- Do we truly believe that all incidents are preventable?
- Are we unwilling to compromise someone's safety for profit, productivity, schedule or any other priority?

ABC provides the industry with four tools that help create the conditions for everyone to complete their work without incident and go home safe and healthy every day.

- 1 ABC's STEP is a world-class safety management system improved annually by the ABC National Health and Safety Committee.
- The annual ABC Safety Performance Report analyzes the cause-and-effect relationship between best-in-class processes and incident prevention.
- 3 ABC's Safety Academy helps construction companies lay out a multi-year plan to achieve industry-leading safety results.
- 4 A suite of best practices and model policy supported by classroom and virtual education is delivered at national events and through our 69 chapters across the United States.







If we choose to lead, if we choose to commit, and if we choose to transform, together we will create the conditions for all to do their work without incident and go home safe and healthy every day.

These tools provide leaders with a roadmap to win and deliver their work without incident:

Leadership commitment to an organization that creates the conditions for all to do their work without incident.

Cultural transformation into a company where every employee believes all incidents are preventable.

Deployment of a world-class safety management system throughout the organization with the desire to achieve industry-leading results.

World-class results delivered using leading and trailing indicators to share successes and lessons learned with all employees.

I am confident the 2022 ABC Safety Performance Report will help you on your journey. Please feel free to share the report widely with your teammates, specialty contractors, clients and competitors.

If we choose to lead, if we choose to commit and if we choose to transform, together we will create the conditions for all to do their work without incident and go home safe and healthy every day.

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Michael D. Bellaman
President and CEO
Associated Builders and Contractors

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Introduction

Every company that works in construction wants to send its workers home in the same condition in which they arrived—if not even better—after an active day of work that stimulates the mind and body.

Until now, relatively few studies have been conducted on the correlation between the use of measures companies can take to keep workers safe on jobsites—leading indicators—and the number of incidents, accidents and injuries that occur—trailing indicators. The empirical evidence did not exist.

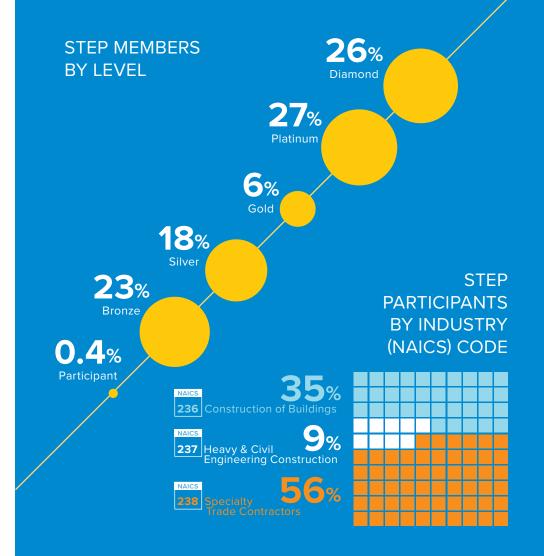
Associated Builders and Contractors created the Safety Performance Report to address this issue.

The charts and summaries within this report present the clearest picture to date of the remarkable impact that leading indicator use has on a company's safety performance: fewer disrupted or lost lives and a safer jobsite regardless of company size. In fact, companies that engage in leading indicator use are, statistically, considerably safer than their peers.

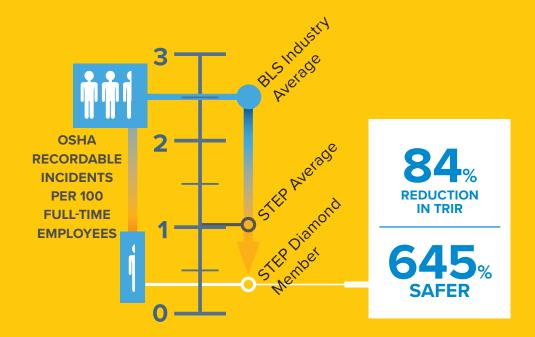
Leading indicator programs work to improve safety performance.

Methodology

The 2022 ABC Safety Performance Report is based on submissions of unique company data gathered from members that deployed STEP in 2021. ABC collects each company's trailing indicator data as reported on its annual Occupational Safety and Health Administration Form 300A ("Summary of Work-Related Injuries and Illnesses") and its self-assessment of leading indicator practices from its STEP application. Each of the 35 data points collected is sorted using statistically valid methodology developed by the U.S. Bureau of Labor Statistics for its annual Occupational Injuries and Illnesses Survey and then combined to produce analyses of STEP member performance against BLS industry average incident rates.



ABC STEP MEMBERS ARE MORE THAN SIX TIMES SAFER THAN THE CONSTRUCTION INDUSTRY AVERAGE



Total Recordable Incident Rate: STEP vs. the U.S. Bureau of Labor Statistics Industry Average

What if Your Company Could Be 645% Safer Than the Industry Average?

And you could reduce your Total Recordable Incident Rate by 84%?

It's more than possible. It's doable.

The 2022 ABC Safety Performance Report is not a research project or an academic study. It captures the results of ABC STEP member companies performing real work on real projects. ABC is building on the analysis of more than a billion hours of work annually presented in the 2017, 2018, 2019, 2020 and 2021 reports to identify what comprises a world-class safety program.

Measuring Safety Performance

The construction industry has long evaluated safety performance based on trailing indicators—statistics that measure performance based on past incidents or conditions. These statistics judge companies not on the steps taken to prevent jobsite injuries and fatalities, but rather on the number of past safety failures. Trailing indicators only tell part of the story.

Safety performance isn't reflected in what you did. It's reflected in what you're doing.

TRAILING INDICATORS: OUTPUTS AND RESULTS







Every workday in the construction industry, an average of three people are fatally injured.

LEADING INDICATOR IMPLEMENTATION



GOAL: Determine the correlation between **leading** indicator implementation and **trailing** indicator performance.

TRAILING INDICATOR

PERFORMANCE

What's Behind World-Class Safety Performance?

Innovative thinking from contractors, the owner/user community and insurers puts leading indicators under the microscope.

ABC has studied how to improve safety through STEP since 1989.

The 2021 STEP application is comprised of key components—leading indicators that are proven to improve safety performance and the criteria that indicate best practices. Members that deploy STEP score their level of achievement for each component on a weighted scale of 0 points (low score) up to 12 points (high score). Companies receive a recognition level of Diamond, Platinum, Gold, Silver, Bronze or Participant based on their score.

ABC quantified the positive impact of proactive injury and hazard elimination tools on the jobsite using data gathered from STEP participants in construction, heavy construction, civil engineering and specialty trades. Analyzing aggregated data allows ABC to determine how measures taken to prevent incidents actually improve trailing indicator performance.

Key components of a world-class safety program.

STEP Improves Safety



STEP is a safety management system. Participating ABC member firms measured their safety processes and policies on key components in 2021 through a detailed questionnaire with the goal of implementing or enhancing safety programs that reduce jobsite incident rates. Applying world-class processes dramatically improves safety performance among participants, regardless of company size or type of work.

"Safety is a journey that will never end. Although there is no silver bullet, STEP is the closest thing to it. This world-class health and safety management system provides us with a variety of tools/programs to choose from that fit our culture. It is also comforting to know that these are proven to work and considered to be best practices by our peers in the industry. Regardless of the size of your organization, the benefit of STEP is that it is scalable to your company's needs. I strongly encourage you to begin using the STEP key components."

—Michael W. Bennett, vice president, The Cianbro Cos., Pittsfield, Maine, STEP Platinum and ABC Accredited Quality Contractor 2021 chair, ABC National Health and Safety Committee

STEP ACHIEVEMENT LEVELS

TRIR at or below 50% of the BLS NAICS code average in each of the previous three data years

TRIR at or below 25% of the BLS NAICS code average for the data year

TRIR at or below BLS NAICS code average for the data year

No lives lost or catastrophic incidents, company-wide, during the application year

No lives lost or catastrophic incidents, company-wide, during the previous three years resulting in an OSHA citation

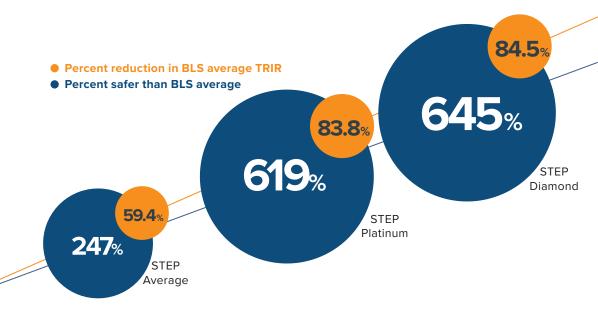
Minimum key components score

Get Into STEP

Analyze your safety and loss program

Learn the best practices that reduce TRIR, DART and EMR Benchmark your safety record against similar companies and industry averages

Measure improvement from year to year Show your safety commitment to potential clients and insurers



To get started, visit abc.org/step.

The Road Map to World-Class Safety

LEADERSHIP is the courage to be out front, challenge the status quo and create a **CULTURE** that is passionate in its belief that all incidents are preventable—a culture where safety is considered a moral obligation not just for leaders, but for all employees. A culture of safety cannot exist without leaders taking a stand that includes an unwillingness to compromise safety and modeling this belief in every action. PROCESS is the intentional, systematic implementation of a safety management system that enables a firm to initiate and sustain their journey to world-class safety. **RESULTS** are the tangible benefits that arise from the consistent implementation of the preceding components.



Leadership Commitment to World-Class Safety





NEW HIRE SAFETY ORIENTATION

SUBSTANCE ABUSE PREVENTION PROGRAMS

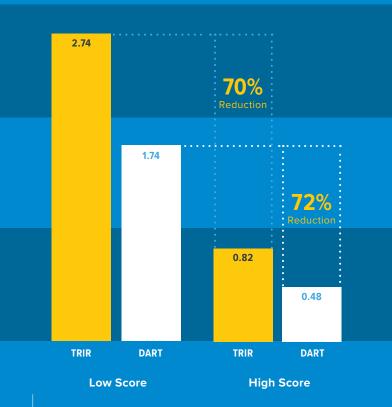
TOOLBOX TALKS

TOP
MANAGEMENT
ENGAGEMENT

The Foundations of World-Class Safety

The top-performing STEP members implement these best practices as part of a world-class safety management system.

NEW HIRE SAFETY ORIENTATION: LOW SCORE VS. HIGH SCORE



BEST PRACTICES



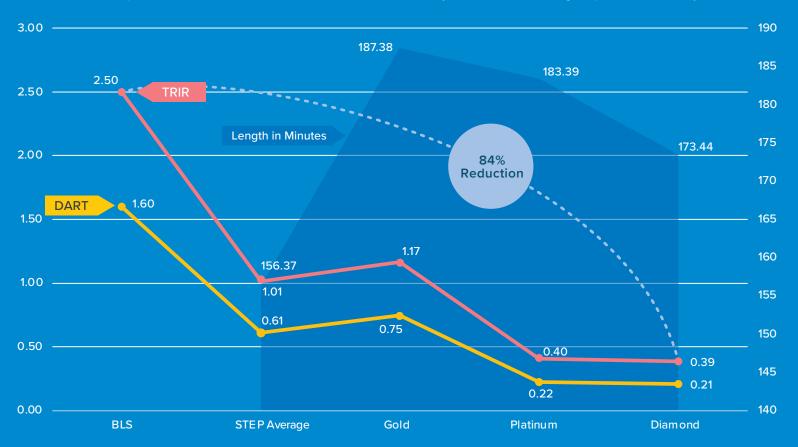
New Hire Safety Orientation

Companies that conduct an in-depth indoctrination of new employees into the safety culture, systems and processes based on a documented orientation process experience incident rates 70%-72% lower than companies that limit their orientations to basic safety and health compliance topics. The CEO or senior leadership delivers that introduction to the company's safety culture and core values, including:

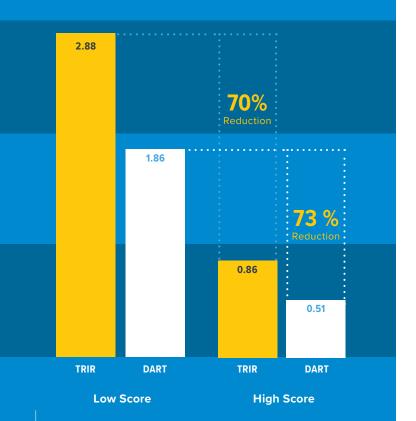


IN-DEPTH SAFETY ORIENTATIONS ARE MORE EFFECTIVE

STEP Gold members invested more time to make safety orientations effective in 2021, an average of 187 minutes vs. 155 minutes in 2020. STEP Diamond companies that conduct new hire orientation sessions of nearly three hours on average improve their TRIR by 84%.



SUBSTANCE ABUSE PREVENTION PROGRAMS: LOW SCORE VS. HIGH SCORE





BEST PRACTICES

Substance Abuse Prevention Programs

One-third of all incidents on construction jobsites are drug- or alcohol-related. Robust subtance abuse prevention programs/ policies with provisions for drug and alcohol testing where permitted lead to a 70% reduction in TRIR and a 73% reduction in DART rates. Plus, substance abuse testing can be an effective method of incident prevention if used properly.



ABC is an active member of the Construction Coalition for a Drug-and Alcohol-Free Workplace. Signing the pledge is a STEP requirement. Take the pledge at drugfreeconstruction.org.



Key components include:

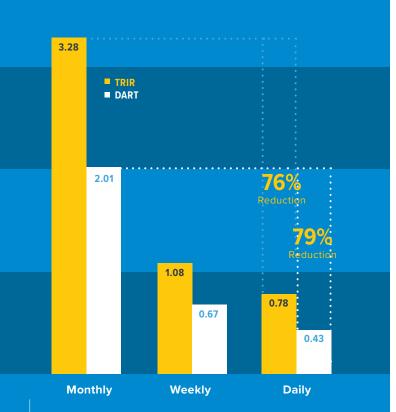
A safety policy with strict rules regarding drug and alcohol use, supervisor training, recordkeeping and active enforcement

Drug and alcohol testing pre-hire, randomly and with reasonable suspicion

An employee assistance program and available education on substance abuse prevention

FREQUENCY OF TOOLBOX TALKS





BEST PRACTICES

Toolbox Talks

Can you brief employees on safety too much? No matter what you may have heard, there is no negative effect to conducting daily toolbox talks—brief, single-topic training sessions of 15 to 30 minutes held on the jobsite for all employees. The less frequently this type of training is conducted and the fewer safety topics covered, the higher the trailing indicators. Companies that conduct daily toolbox talks reduce TRIR by 76% and DART rates by 79% compared to companies that hold them monthly.



BEST PRACTICES

Top Management Engagement Matters

Employer involvement at the highest level of company management produces a 71% reduction in TRIR and DART rates. In high-scoring ABC STEP member firms, the owner/CEO:

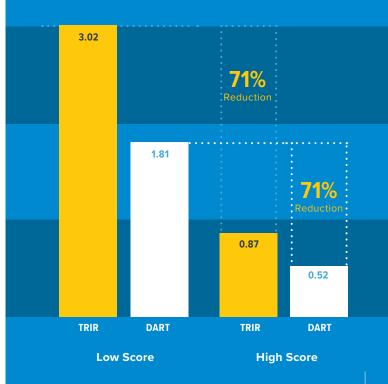
Is a direct and active participant in the safety program

Solicits feedback on the safety program and seeks ways to improve it Instills personal accountability for safety throughout the company

Commits resources money, time, personnel, equipment, supplies, etc. Tracks and annually reviews safety goals and objectives

Integrates safety into performance appraisals and other company operations

TOP MANAGEMENT ENGAGEMENT: LOW SCORE VS. HIGH SCORE



Five Core Leading Indicators

A leading indicator is a system or process used to identify hazards and eliminate or minimize the condition to prevent injury.

This report focuses on five core leading indicators that have the most dramatic impact on safety performance.

EMPLOYEE PARTICIPATION

SUPERVISOR SAFETY MEETINGS PRE-PLANNING FOR PROJECT SAFETY

PERSONAL PROTECTIVE EQUIPMENT

INCIDENT INVESTIGATIONS



CORE LEADING INDICATORS

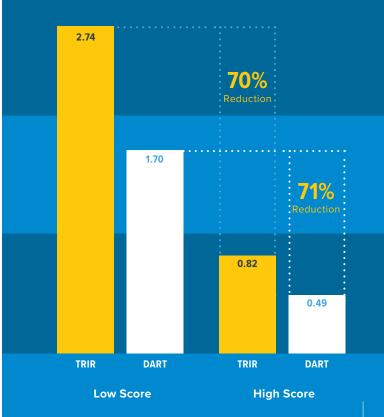
Employee Participation Counts

Employee participation throughout the safety management system improves TRIR by 70% and DART rates by 71%. High-scoring STEP firms:

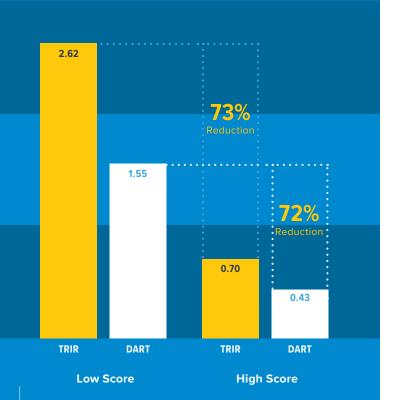


A commitment to employee safety training lowers incident rates.

EMPLOYEE PARTICIPATION: LOW SCORE VS. HIGH SCORE



EMPLOYER-CONDUCTED SUPERVISOR SAFETY MEETINGS: LOW SCORE VS. HIGH SCORE





CORE LEADING INDICATORS

Supervisor Safety Meetings

Conducting weekly safety meetings with supervisors and distributing minutes for review leads to a 73% reduction in TRIR and a 72% reduction in DART rates.





CORE LEADING INDICATORS

Pre-Planning for Project Safety

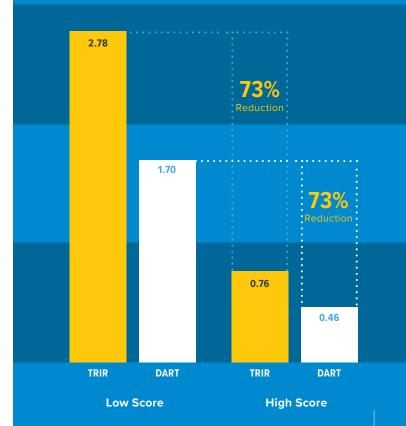
Educating project supervisors and other key personnel in pre-planning for project safety and safety pre-planning reduces TRIR and DART rates by 73%.

Project safety preplanning is integrated into the estimate, bid, mobilization and demobilization stages of projects

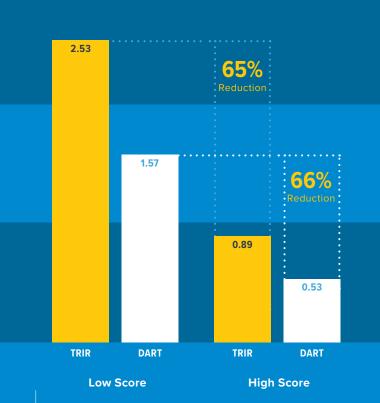
A checklist ensures a consistent and comprehensive approach to exposure evaluation and resource needs

Project safety plans are regularly updated throughout the life of project Key components
of the pre-plan are
communicated to all site
employees (including
specialty contractors)
before implementation

PRE-PLANNING FOR PROJECT SAFETY: LOW SCORE VS. HIGH SCORE



USE OF PPE: LOW SCORE VS. HIGH SCORE





CORE LEADING INDICATORS

Use of Personal Protective Equipment

Having a written PPE policy that is consistently and universally enforced, conducting an annual needs assessment and continually investing in new equipment leads to a 65% reduction in TRIR and a 66% reduction in DART rates.





CORE LEADING INDICATORS

Incident Investigations

A systematic process to find the root causes of problems and develop effective solutions to improve performance reduces TRIR and DART by 74%.

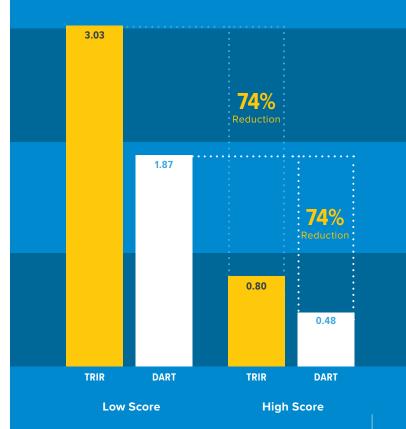
Employers reviews all incidents, including good catches and potential significant events

Supervisors are trained in incident investigation, including root cause, causal factors and/or fault tree analysis

All incidents are investigated promptly by top management and safety personnel, and a preliminary report is communicated within 24 to 48 hours

Documented
corrective actions are
taken and final incident
outcomes are openly shared
across the organization to
improve overall safety
performance

INCIDENT INVESTIGATIONS: LOW SCORE VS. HIGH SCORE



BENCHMARKING STEP MEMBER SAFETY PERFORMANCE, 2007-2021



ARC STEP DIAMOND MEMBERS

A & A Machinery Moving, Inc.

A & B Electric Co., Inc.

A M Kina

A. D. Stowe, Inc.

A.J. Moore Electric, Inc.

Able Construction Group, Inc. ACB General Contractor

ACI Mechanical, Inc.

AECOM Hunt

Agantic Group, LLC

Agbayani Construction Corporation

Aggregate Technologies Inc. Aladdin Construction Co., Inc.

All Star Cutting & Coring LLC

Allan Myers Allfirst, LLC

Alliance Construction Solutions

Alliance Flectric Inc.

Alliance Industrial Group, LLC Alloy Construction Service, Inc.

Allstate Steel Co., Inc.

Alpha Building Corporation

Amber, L.P.

American Constructors

American Plumbing Contractors American Plumbing Systems, Inc.

American Structural Concrete

APC Construction, LLC

Applied Construction Solutions

APTIM

Arc Energy Services

Ardent Services LLC / Electrical / Instrumentation

Ardent Services LLC

Arkel Constructors Inc.

Asturian Group, Inc. Austin Industrial, Inc.

AvalonBay Communities, Inc.

Avena Contracting, LLC Axthelm Construction, Inc.

B & 7 Flectrical Contractors Inc.

Balancing Service Co.

Balfour Beatty

Barriere Construction, A CRH Company

Batten & Shaw, Inc. BE&K Building Group Beard Construction Group, LLC

Bengal Crane & Rigging Bergelectric Corp

BETCO Scaffolds Bilfinger Inc

Birdsong Construction Co., Inc. BL Harbert International Blasy Electric, Inc. Bo-Mac Contractors, Ltd.

Bowdoin Construction Corporation

Brambier's Windows & Walls

Breaking Ground Contracting Company

Breslin Contracting, Inc.

Brewer Construction Services. LLC BrightView Landscape Development **Brink Painting and Construction LLC**

Brite Electric

Brown & Root Industrial Services, LLC

BRYCON Construction Byrne Construction Services C. Raymond Davis & Sons. Inc. C. S. Beatty Construction, Inc.

C.O. Falter Construction Corp. Caddell Construction Co. (DE), LLC (

Cajun Industries, LLC

Camarata Masonry Systems, LTD

Capital Industries

Capital Interior Contractors, Inc.

CBG Building Company

CCL USA

CD Barnes Construction

Centennial Contractors Enterprises, Inc.

Central Builders, Inc. Central Concrete Products Century Construction Group, Inc.

Chemex Global, Inc. Cherry Demolition

Choate Construction Company Chris Woods Construction Co Inc. Cinnamon Creek Construction LLC.

CK Commercial

Classic Industrial Services, Inc.

CMS Corporation Color Works Painting, Inc.

Comfort Systems of Virginia, Inc.

Cook Brothers, Inc. Copeland & Johns

Core Mechanical Services, Inc. **County Group Companies** CR Crawford Construction, LLC

CraftCroswell Craig & Heidt, Inc.

Crescent Multifamily Construction, LLC Crossland Heavy Contractors, Inc.

Crowder Construction Company Cupples & Sons Construction, Inc.

DaKO Services LLC Damuth Trane Dana B. Kenyon Co. DAVCON, Inc.

Del Rio Enterprises, Inc. Delaware Flevator Inc. Delta Electric Co., Inc. Derrick Companies DGC Glass Systems, LLC Diamond Glazing, Inc. Dilling Group, Inc.

DiMarco Constructors, LLC Diversified Power Corporation Domack Restoration, LLC

Don Celillo Electric Company, Inc.

DonahueFavret Contractors, Incorporated Dooleymack Constructors of GA, Inc.

DPR Construction

Dubak Electrical Maintenance Corp.

Ducks Roofing Co., Inc. Durham Construction Inc. E. Cornell Malone Corp. E.E. Reed Construction, L. P.

E.W. Tompkins Company, Inc.

Early Services, Inc.

East Coast Plumbing and HVAC, Inc. Eastern Heating & Cooling, Inc. Eastern Industrial Services, Inc. FBCO General Contractor Ltd.

Fcho 24 Inc Edifice, LLC

STEP DIAMOND MEMBERS (cont.)

EDiS Company EGC Construction Corp. Elite Piping Contractors, Inc. Ellsworth Builders, Inc. Elmstar Electric Corporation Energy Electric Company, Inc. Enterprise Equipment Co., Inc. EnviroControl Systems Erland Construction, Inc. Ernest, P. Breaux Electrical Esper Electric, Ltd EXCEL Group F. L. Crane & Sons, Inc. FADCO, Inc. Faith Technologies, Inc. Fast Track Specialties, LP 💿 Fatboy Electric, Inc Ferguson Construction Company Ferrer Mechanical Services, Inc. First Companies, Inc. Fisher Contracting Co. Fisher Sand & Gravel Co., Inc. Five-S Group Flintco, LLC Fly & Form Structures, Inc. Fogel-Anderson Construction Co. Forrester Construction Fortune-Johnson Frampton Construction Fredericks, Inc. Contractors Fureigh Electric, LLC G F Insulation Co Gainesville Mechanical, Inc. Gastonia Plumbing & Heating Company, Inc. **GATE Energy** Gaylor Electric, Incorporated GFP Cement Contractors LLC

Gibbs Construction, LLC Gilbane Building Company Glenshaw Corporation / Glenshaw Distributors Inc. Global Construction Solutions, Inc. GMI - Greater Metroplex Interiors, Inc. Gonzales Commercial Flectric Inc. Graham Roofing, Inc. Gray Construction Graycor Southern Inc. **Great Lakes Bay Construction** Greater Georgia Concrete, LLC Greco Structures Griesenbeck Architectural Products, Inc. GROUP Contractors, LLC Gulf Coast, A CRH Company Haley-Greer, Inc. Harkins Builders, Inc. Harness, LLC Harvey Builders Harvey-Cleary Builders Haskell @ Hawaiian Rock Products Haynes Construction Co. Hayward Electric Company Helix Electric Hemma Concrete, Inc. Hendrick Construction, Incorporated Henry Miller Mechanical **HESS Construction** Holes Incorporated Hoonhorst Concrete Inc. Hourigan HR Plumbing I.E. Smart Systems lacoboni Site Specialists, Inc. IAN Construction Corporation

IES Communications 11 C IiCON Construction Colorado IIC @ Independent Electric Co. Industrial Construction & Engineering Co. Infratech International LLC Innovative Performance Construction Co., LLC Insulation Contractor Services Insulations, Inc. **Integrated Building Solutions** Interior Specialties, Inc. Interstate Electrical Contractors, Inc. Interstates ISC Constructors, LLC Ivey Mechanical Company, LLC J & J Fire Protection Company, Inc. J. C. Driskill, Inc. J. D. James, Inc. D/B/A Nature Bridges J. Vinton Schafer, A Quandel Company J.D. Belfield Enterprises, LLC JA&M Developing, LLC James TELECO JB Builders of Grand Rapids, Inc. JM Coull, Inc. JMG Constructors, LLC Joeris General Contractors, Ltd. Joslin Construction Texas, LLC JPB Designs, Inc. JVIC Kaplan Construction Karsten Interior Services KBR Keller Brothers Inc. Kier Construction Killian Construction Co./KCC Contractor, Inc. Klinger Constructors, LLC Knobelsdorff Enterprises Koontz Electric Co., Inc.

Kostmaver Construction, LLC KS Plumbing, Inc. **KSW Construction Corporation** Kuck Mechanical Contractors Kwest Group, LLC L & L Plumbing & Heating, Inc. L. D. Kerns Contractors, Inc. LaGasse Construction Inc. Landmark Construction Company Inc. Landry/French Construction Larson Building, Inc. Lasco Acoustics & Drywall, Inc. LASCO Acoustics and Drywall Lauger Companies, Inc. LeChase Construction Services, LLC LEEBCOR Services LLC LPR Construction Co LynxSystems, LLC Lywood Electric, Inc. M. Davis & Sons, Inc. M. J. Harris Construction Services M.C. Dean Inc. Maas Construction MacKenzie Contracting Company, LLC Maddox Group, Inc. Maguire Company, Inc. Malouf Construction, LLC MAPP, LLC Marathon Electrical Contractors, LLC. Marcus Construction MAREK @ Mark Turner Construction, LLC Markeys Services, LLC DBA Construction Cleaning Service Marksmen General Contractors Marguis Construction Services Inc MB Western Industrial Contracting Co.

McCarthy Building Companies, Inc. McCorvey Sheet Metal Works, LP McCoy Roofing, LLC MCR Services, Inc. Mechanical Air Systems Company Meizinger Construction Services, LLC Merit Electrical, Inc. Messer Construction Company Metro Mechanical, Inc. Metropolitan Contracting Co., LLC Midstate Site Development, LLC MIG GOV. LLC Milender White Construction Co. Miller-Valentine Group MJM Masonry, Inc. MK Marlow Company, LLC MKD Flectric LLC MMR Constructors Inc. MMR Constructors, Inc. Mobil Steel International, Inc. Modular Electric, Inc. Moore Industries, LLC Narum Concrete Construction, Inc. National Design Build Sevices, LLC Njirich & Sons, Inc. Norrell Construction, Inc. Northwest Kent Mechanical Co. **O&M** Industries Oates Industries, Inc. OCE Mechanical Ocean Drywall, Inc. Olaf Anderson Construction Inc. Old Dominion Firestopping, LLC Old Dominion Insulation, Inc O'Neal, Incorporated **Origin Construction** O'Rourke Wrecking Company

Pacific Federal Management, Inc. Painter 1 of Greater Salt Lake Pancoast & Clifford, Inc. ParFab Pattillo Construction Corporation PCC Construction Components, Inc. PCE Constructors. Inc. Pentalon Construction, Inc. Performance Contractors, Inc. Pilot Construction Management Inc. Pioneer Roofing, LLC Polk Mechanical, LLC Polyphase System, Inc. Power Electric Co. Preferred LLC **Primoris Services Corporation Priority Floors** Quandel Enterprises, Inc. Quiring General, LLC R. C. Stevens Construction Company Ralph G. Degli Obizzi & Sons RCL Construction Co., Inc. Ref-Chem L.P. **REM Construction Incorporated** Repcon, Inc. **REW Corporation** <a> River Cities Engineering, Inc. Roberts Mechanical Services Robinson Construction Robinson Electric Co., Inc. Roche Constructors Inc. Rock N Dirt Excavating, LLC Rock Spring Contracting, LLC Rodgers Builders Rollcon Roy Anderson Corp Royal Construction, Inc.

RSI Roofing, Inc. RUS Industrial LLC RUSH Construction, Inc. S & S Roofing Systems, Inc. S&B Engineers and Constructors, Ltd. S. B. Ballard, Inc. S.E.T. - Pacific. Inc. S2W Contracting, LLC Safeway Electric Samet Corporation Sanderson Construction Co., Inc. Sarazin General Contractors, Inc. Satterfield & Pontikes Construction Inc. SAW Contracting, Inc. Saybr Contractors, Inc. Scaffolding Solutions, LLC Scott, Murphy & Daniel SDV Construction Inc Sealevel Construction, Inc. SEDALCO, Inc. Sevan Multi-Site Solutions Shaw Electric, Inc. Skanska Building, Inc. Skanska Building, Incorporated Skanska USA Building, Inc. Slack & Co. Contracting, Inc. Smith-Dovle Contractors Inc South Jersey Elevator Southeastern Mechanical, Inc. Southern Mechanical Contractors, Inc. Southland Concrete Corp. Southwest Coating Services Southwest Electrical Contracting Services, Ltd. Spacecon Specialty Contractors, LLC SpawGlass Construction Corporation SPG Construction SR Construction Inc.

SR Trident Inc Standard Constructors, Inc. STARCON International, Inc. Starr Electric Steele-Freeman, Inc. **Stevens Roofing Corporation** Structure Tone Southwest LLC Suffolk Construction Co., Inc. Summit Construction Co., Inc. Summit Industrial Construction, LLC Sunbelt Rentals Scaffold Services Swartley Brothers Engineers, Inc. Syncon, LLC TAM Services Group, Inc. Tarlton & Son Inc. Tazewell Contracting TDIndustries, Inc. TEEL Construction, Inc. TEL Electrical Solutions Tellepsen Industrial Telstar Instruments, Inc. The Brevard Company The Brock Group The Collage Companies The Gonzalez Group The Middlesex Corporation The PIT LLC The Winter Construction Company Thermal-Tec/Michigan, Inc. Therrien Waddell, Inc. Thomas Construction Group, LLC Thompson Engineering, Inc. Three Alarm Electrical Systems Three Rivers Corporation TIC - the Industrial Company TNT Crane & Rigging, Inc.

Total Boiler & Mechanical 11 C.

STEP DIAMOND MEMBERS (cont.)

Total Shading Solutions Triad Electric & Controls, Inc. TriArc Construction LLC

Trident Construction Group, LLC

Trio Electric

T-Rock Construction, Inc.

TST Roofing

Turner Construction Co.

United Contractor Services 11 C

United Group Services, Inc.

United Systems Mechanical, LLC V.O. Brothers Mechanical, LLC

Vertex Guam

Viking Construction, Inc.

Visone Construction, Inc.

W.D.S. Construction, Inc.

W.M. Davis, Inc

W.M. Jordan Company

W.S. Cumby, Inc.

W.S. Nielsen Company, Inc.

W.T. Byler Co. Wachter, Inc.

Walker & Company, Inc.

Warren Brothers Construction

Watts Electric Company

Way Engineering Way Mechanical

We Build Tulsa

Wendt Services

West Coast Fire & Integration, Inc.

Westgate, LLC

Westway Construction

Whitaker Construction Co Inc.

White Construction

Williams Building Company, Inc.

Williams Company Management Group

Willmar Electric Service, Corp.

Windover, INC

Wolf Fire Protection, Inc.

Wondra Construction, Inc.

Wu & Associates, Inc./Design Builders & General

Co 🦱

Wurster Construction Co., Inc.

York Electronic Systems, Inc. Zachry Industrial, Inc.

ABC STEP PLATINUM MEMBERS

1 Priority Environmental Services, LLC

A J Excavation Inc

A&I Flectrical Construction LLC A.J. Kirkwood & Associates, Inc.

A.R. Marani, Inc. Able Septic

ABM Mechanical

Absolute Builders Inc.

Access Electric, Inc.

ACECO, LLC

Acoustic Solutions Action, Inc.

Adams Electric Company

Advance Concrete AIM Services, Inc.

Aiax Building Corporation

ALBD Flectric & Cable

All Star Electric, Incorporated

All-Brite Electric, Inc. Allied Electric, Inc. Allied Pacific Builders, Inc.

Allov

Alston Construction Co Inc. AM Contracting, LLC

AM Exteriors, LLC

American Boiler & Mechanical

Amteck, LLC AnchorBuilt Inc.

Annapolis Exteriors, Inc.

Anthony T. Rinaldi, LLC APEX Mechanical & Fabrication

Applied Mechanical Systems, Inc.

Architectural Metals, Inc.

Ard Contracting, Inc. Associated Scaffolding

AUI Inc

Auld & White Constructors, LLC

Austin Commercial, LP

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Babbidge Construction Company, Inc.

Baker Gulf Coast Industrial

Baker Triangle Austin

Bartlett Cocke General Contractors, LLC

Barton Malow

Bauer Compressors, Inc. Bayland Buildings, Inc. **Bayside Fire Protection** Bear Contracting, LLC Bi-Con Services, Inc. Big-D Construction Corp.

Black Construction Corporation Bluewater Constructors, Inc.

Bob Anderson Builders, Inc.

Bobbitt @

Bobby Taylor Painting Holdings Inc.

Bonds & Associates, Inc.

Bowen Engineering & Environmental

Bracken Companies

Branch Builds

Brasfield & Gorrie, LLC Bravo Roofing, Inc.

Brechbill & Helman Const. Co., Inc.

Bright Future Electric, LLC Brindley Construction, LLC

Brislin, Inc.

Denotes ABC 2022 Top Performers

Broadmoor, LLC Brothers Mechanical, Inc. Brvan Builders, LLC Bundren Painting & Drywall Burrow Global Services, LLC C & C Logging, LLC C & H Electric, Inc. C. J. Coakley Co., Inc. C3 Construction Services, LLC Callahan Construction Managers Calvert Masonry, Inc. Camblin Mechanical, Inc. Cameron Building Envelope Specialists **Cameron Construction Company** Campbell Plumbing & Mechanical Contractors Southeast, Inc. Canvon Concrete, Inc. Canvon Contracting, Inc. Capitol Valley Electric, Inc. Carden Co., Inc. Carroll Daniel Construction Carver Construction, Inc. Casey Construction Group, LLC Casev Industrial Catalyst Construction Company, Incorporated Cavan Construction Co., Inc. CBS Construction Services, Inc. Cedar Lane LLC Century Contractors, Incorporated **CF Evans Construction** Chamberlin Roofing & Waterproofing Childers Construction Company, Inc. CIANBRO @ CINEARLIC Civil Werx Clancy & Theys Construction Co. Clancy & Theys Construction Company

Climatech

Clunn Acoustical Systems Coakley & Williams Construction Coastal Construction Company Coastal Mechanical Services LLC Codaray Construction, LLC Code Electric, Incorporated Cole Roofing Company, Inc. Colonial Electric Co. Inc. ColonialWebb Contractors Comfort Systems USA Southeast Commonwealth Fire Protection Co. Complete Mechanical Services Concrete Constructors LLC Conewago Enterprises, Inc. Consolidated Construction Co., Inc. Construction Managers of Ohio, Inc. Contour Construction LLC Contractor Service & Fabrication Inc. Cook Engineering, Inc. Corbins Electric Cornell Plumbing & Heating, Inc. Correct Electric, Inc. Coutts Bros., Inc. CR Lighting & Electric Inc. Crain Group, L.L.C. Crest Mechanical Services Crossland Construction Co., Inc. Crow Group, Inc. Crux Subsurface. Inc. CSM Group CTI Telecom, Inc. **Custom Design Roofing LLC** Custom Enclosure Solutions, LLC Custom Mechanical Systems, Corp. CW & Sons Infrastructure, Inc. Dale Gruber Construction, Inc. **Danis Construction** David Allen Company, Inc.



"'If you can't measure it, you can't manage it.' This is a famous quote used by many industry managers to describe their approach toward continuous improvement.

So how do you measure

safety success? That is the question that many construction safety professionals worked with ABC to answer when they developed STEP. STEP helped us perform an internal analysis of our safety performance and provided a meaningful, measurable and actionable gap analysis of our safety programs and ongoing safety efforts. Safety excellence is a journey. To start your journey, you must first find yourself on the map and chart your course from there. Let STEP be your navigator. It's never too late to get going."

Frank A. Trujillo, vice president, Miller & Long Co. Inc.,
 Bethesda, Maryland, STEP Platinum and ABC Accredited
 Quality Contractor
 Member, ABC National Health and Safety Committee

STEP PLATINUM MEMBERS (cont.)

David Crowell Electric, Inc. Farrell Roofing, Inc. DAVIS Construction FCI Constructors, Inc. Daw Construction Group LLC Fiore & Sons, Inc. Deacon Construction, LLC Firepower, Inc. Fireproof Contractors, Inc. DECCO, Inc DellbrooklJKS Fisher Sand & Gravel Co. **DeRock Electric Company** Fite Building Company Donohoe Construction Company Force Corporation DooleyMack Constructors of SC, LLC Fordice Construction Company DS Constructors, LLC Foulger-Pratt Dual Temp Co., Inc. Fureigh Heavy Construction Dunn Building Company, LLC 💿 Gallant Industrial Dunn Construction Company, Inc. **Garney Construction** Durr Heavy Construction, LLC Garrety Glass, Inc. GarVin Construction, Inc. DynaTen Corporation E. E. Reed Construction - East Coast, LLC Gatch Electrical Contractors, Incorporated E3 Electric, Ltd **Gateway Pacific Contractors FCI Construction Services** General Storefronts Inc. Genesis Corporation Eckardt Group Edge Electrical Systems, LLC George & Lynch, Inc. Eisenhart Crane Service, LLC George-McKenna Electrical Contractors Electrical Energy Systems Corp. GGA Construction Electrical Production Services, Inc. Gilbank Construction, Inc. Elite Commercial Contracting, Inc. Glenmark Construction Co., Inc. Elite Construction & Development LLC Glenn O. Hawbaker, Inc. Elm Electrical, Inc. **GMF Steel Group** EMCOR Services New England Mechanical **Gomez Construction Company** Emery Sapp & Sons, Inc. Gorham Sand & Gravel, Inc. EMJAY Engineering & Construction Co., Inc. Goss Electric Co., Inc. **Encon Mechanical** GovSolutions, Inc. Encore Electric, Inc. GR Electric, LLC **GrayWolf Integrated Construction Company** Enterprise Commercial Paving, Inc. Environmental Assurance Co., Inc. Great Falls Construction **Environmental Systems Corporation** Great River Industries Etolin Strait Development Group, LLC 💿 **Green Construction Enterprises**

Greenhut Construction Company, Inc.

Gregory Construction Services

Greystone Construction Company Griffin Construction Services, Inc. Griffin Dewatering Groveland Construction, LLC H. J. High Construction Company H.L. Wiker, Inc. Hartung Electric LLC Haynes Group, Inc. Heartland Construction, Inc Heating & Plumbing Engineers, Inc. Henley Construction Co., Inc. Hensel Phelps Construction Hercules Fence of Maryland LLC HGC Construction Co **High Country Contractors & Developers** Hill & Wilkinson Construction Group HITT Contracting Inc. Hoar Construction, LLC Holes Golden Triangle, LLC Hometown Plumbing & Heating Houck Services, Inc. Howard Shockey & Sons, Inc. hth companies, inc. Hung Construction Builder Inc. Hurckman Mechanical Industries, Inc. Hursh Painting Co., Inc. **Hutchinson Mechanical Services** Hydro-Temp Mechanical, Inc. Hypower, Inc. I.E. - Pacific, Inc. IES Commercial, Inc. Impetus A Palmisano Company Independent Roofing Systems, Inc. Industrial Commercial Systems, Inc. **Industrial Electric Company of Charlotte** Industrial Resources, Inc. International Flooring & Protective Coatings, Inc.

Interpipe Contracting, Inc. Island Elevator ISO Services J&K Plumbing & Heating Co., Inc. J.B. Esker & Sons, Inc. J.F. Allen Company JCM Associates, Inc. **JE Dunn Construction Company** JESCO, Inc. JFK Electrical Contracting Enterprises, Inc. JN Electric of Tampa Bay Inc. John T. Jones Construction Co. JRC Mechanical, LLC Juneau Construction Company **Kaufman Fire Protection Systems** KBD Group (Kajima Building & Design Group, Inc.) KBE Building Corporation Keithly Electric Co. Kellev Construction, Inc. Kelly General Construction of Decatur Kenny Electric Kent Companies, Incorporated Kent Island Mechanical Inc KERCO, Inc. **Keystone Concrete Placement** Keystruct Construction, A Viocity Company Kimmins Contracting Corp. Kirlin Way Mechanical Kitchell Contractors Inc. Klebs Mechanical, Inc. Klinger Companies/Younglove Construction, L.L.C. Knight Industrial Services Inc. **KPost Company** KT Builder L & B Electrical Contractors, Inc. Lakeridge Plumbing & Mechanical, Inc. Larson Plumbing & Utility

Facilities Protection Systems

E-Z Painting, Inc.

Laux Construction Lee Company Lee Mechanical Contractors, Inc. Legacy Contractors, LLC Legacy Electrical Services, Inc. Leo Kob Co., Inc. Leonard Contracting, Inc. Lithko Contracting, LLC LoDuca Associates Inc. Lone Sun Builders, Inc. M & D Mechanical Contractors, Inc. M.O., Inc. MacKnight Safety Solutions Macri Associates Inc. Magnum Construction, Inc. Mallick Mechanical Contractors, Inc. Manganaro Midatlantic, LLC Manhattan Construction Company Manhattan Mechanical Services, LLC Mark III Construction, Inc. MarketOne Builders, Inc. Martin Concrete Construction, Inc. Marz Mountain Industries, Inc. Master Interiors, Inc. Matrix 5 Site Development McCrory Construction Company McInnis Construction, LLC Mechanical Contractors, Incorporated Mechanical Systems Co LLC Medford Wellington Service Co., Inc. Meisner Electric, Inc. Metcon Incorporated Methuen Construction Co., Inc. MetroPower, Inc. Meyer Najem Construction

Michael F. Ronca & Sons, Inc.

Mick Rich Contractors, Inc.

Midsouth Steel LLC Milender White Miller & Long DC, Inc. Miller-Valentine Construction Mindak Commercial Construction Moon Construction Services, Inc. Moore Erection, L.P. Mortenson Construction Mountain States Fence Co. Mowery Multi-Weld Services, Inc. MW Builders, Inc. Myers & Chapman, Incorporated N. S. Giles Foundations Inc. New Industries, LLC New Wave Electric Newton Building & Development, LLC Nickle Electrical Companies NNAC, Inc. North American Mechanical, Inc. Northland Associates, Inc. Notch Mechanical Constructors Nova Group, Inc. Nowland Associates, Inc. NV2A Group, LLC NW Utility Services, LLC Ohio Valley Electrical Services Inc. Ohmstede Oil Capital Electric, LLC Old Dominion Abatement & Demolition, LLC Old Dominion Insulation Old Dominion Insulation, Inc. P & C Roofing, Inc. Pacific Northwest Masonry and Design LLC

Pacific Power & Systems, Inc.

Pacific West Controls, Inc.

PALA-Interstate, LLC

Post Brothers

Paramount Contracting, Inc. Patriot Construction & Industrial, LLC Patriot Enterprises, Inc. Paulsen Construction PCL Construction Services, Inc. PCL Industrial Construction Co. PDS Engineering & Construction, Inc. Pete King Commercial Phase 2 Company Pierson Company Pillar Construction, Inc. Piping Systems, Inc. Poellinger Electric, Inc. Poettker Construction Company Poole and Kent Company of Florida Poole Anderson Construction, LLC Power & Construction Group, Inc. Power Design, Inc. Precision Concrete Construction, Inc. Precision Walls, Incorporated Price Electric Prism Flectric Inc Pro Power and Flectric Professional Construction, Inc. Prospect Waterproofing Co. **QCI Thermal Systems** QSR Steel Corporation, LLC QuesTec Mechanical R & O Construction Co. R & R Coatings, Inc. R & R Window Contractors, Inc. R A Glancy & Sons, Inc. R. J. Zavoral & Sons. Inc. R.C. Hemm Glass Shops, Inc. R.H. Marcon, Inc. R.H. White Construction Co., Inc.

R.W. Warner, Inc. Racanelli Construction Radec Electric Corporation Rampart Enterprises, Inc **RBD** Construction Reddy Electric Co. Redhawk Group Regency Electric Company, Inc. Register Roofing & Sheet Metal, Inc. Reliable Contracting Co, Inc. RES Contractors, LLC Richards Corporation Rio Grande Fence Co. of Nashville Ritsema Associates RK Mechanical, Inc. Rogers & Willard Inc. Rogers-O'Brien Construction Company Roll-Lift USA Rose Construction Ross & Associates, Ltd. Roy Rock LLC RoyalAire Mechanical Services, LLC S. W. Funk Industrial Contractors, Inc. Sabel Mechanical, LLC San Patricio Painting, Inc. **SANAIR Indoor Air Quality** Sauer Construction Scaffold Resource LLC Schaus Mechanical Inc. Schwickert's Tecta America LLC Scott-Long Construction, Inc. Sea-Tac Electric, Inc. Serrano Electric Inc. Service Unlimited Inc. Seufert Construction Shaw Brothers Construction, Inc. Shawn Cole Construction, Inc.



"One of the comments I sometimes hear from other contractors my size is that it 'takes too long' to complete the STEP application.
We've found that, with

minimal preparation, it takes less than 30 minutes. The secret is completing the key component scoring before you start the application process. That's because this is where your true company safety evaluation starts—you don't want to rush it. Commit to an authentic evaluation and you will truly be on the path to world-class safety."

—Stephanie Schmidt, president, Poole Anderson Construction LLC, State College, Pennsylvania, STEP Platinum and ABC Accredited Quality Contractor 2022 chair of the ABC National Board of Directors

STEP PLATINUM MEMBERS (cont.)

Shingobee Shore Communications Sigma Marble & Granite-Florida, Inc. Simonson Construction Services, Inc. Skiles Group **SLAM Construction Services** Slayden Plumbing & Heating, Inc. Sluss+Padgett SMC Smith-Midland Corp. Sobieski Mechanical Contractors, Inc. Sorella Group Specialty Contractor SouthCon Building Group, LLC Southern Wall Systems II SPC Mechanical Staker Parson Materials & Construction State Service Co., Inc. Steel Specialty, Incorporated SteelFab, Incorporated Stellar Group, Inc. Straub Construction Co., Inc. Structural Associates, Inc. Sun Construction and Facility Services Inc. Superior Roofing SURF Mechanical Synergy Construction, Inc. **T&W Corporation** T.D. Farrell Construction, Inc. Taylor Electric, Inc. Techni-Con. Inc.

Tecta America Zero Company Temp-Con, Inc. Terra Hydr Inc. Tharp Plumbing Systems The Bartley Corporation The Koehler Co. The MacKenzie Companies The Norwood Company The Sandel Corporation The Tri-M Group, LLC The Wakefield Corporation The Weitz Company Thermal Insulation, Inc. Thermon, Inc. Thompson Construction, Inc. **Thompson Turner Construction** Tidewater Utility Construction, Inc. Titan Construction & Engineering Services, Corporation **TLC Plumbing & Utility** TMG Construction Corp. Town & Country Group Trades Unlimited 11C Triangle Associates, Inc. Tri-County Electric Company, Inc. Tri-Nar. Inc. Triple "S" Industrial Corp. TST Construction Turn Key Construction Management, Inc. **Turner Construction Company** United Flectrical Contractors

United Forming, Inc. Upchurch Plumbing, Inc. Valcom Enterprises, Inc. Vannov Construction Venture Mechanical, Inc. Victoria Air Conditioning, LTD Visu-Sewer, Inc. VMS Construction Company Vos Glass Wagman Construction, Inc. Wallworks, Inc. Wanzek Construction, Inc. Watson Electrical Construction Wavnesboro Construction Co., Inc. WB Moore WCS Construction, LLC Weldon Contractors Ltd. Western Engineering Contractors, Inc. Western Specialty Contractors Western Water Constructors, Inc. White Construction Group White-Spunner Construction, LLC Willow Construction, LLC Windemuller Wohlsen Construction Company Wood Group USA, Inc. - US South Woodward Design+Build Worth & Company, Inc. Zachau Construction, Inc. ZamCo Directional Drilling

Glossary of Common Terms

ABC – Associated Builders and Contractors, a construction trade association representing more than 21,000 merit shop contractors and affiliated firms nationwide

Accredited Quality Contractor – ABC's credential recognizing members' commitment to corporate responsibility in quality, safety, talent management—including inclusion, diversity and equity—education and community relations.

BLS – U.S. Bureau of Labor Statistics, a federal agency responsible for providing statistical analysis on workplace injuries, illnesses and fatalities. Operates under the scope of the U.S. Department of Labor.

CII – Construction Industry Institute, a consortium of owners, engineering-construction firms and suppliers focused on the effectiveness and sustainability of the capital facility life cycle through research and industry initiatives.

CCDAFW – Construction Coalition for a Drugand Alcohol-free Workplace, established in 2012 by construction trade associations to develop resources in the campaign to eliminate substance abuse in the industry.

CURT – The Construction Users Roundtable represents many owners, users and clients that hire construction industry firms.

DART – Days Away, Restricted or Transferred rate. Measures the number of cases per 100 full-time employees where an injury or illness causes an employee to be restricted or transferred based on inability to perform normal job functions.

Disrupted Life/Lives – Nonstatistical term used to describe the impact on the employee, friends and family when a life has been disrupted because of an injury suffered during work hours.

EMR – Also referred to as Experience Modification Rate or "mod factor." Calculation normally performed by the insurance industry (National Council on Compensation Insurance or statelevel agency) reflecting percentage of workers' compensation payouts by a company compared to a company of similar size and type.

FTE – Full-time employee as defined by BLS and captured on a company's OSHA Form 300A, which tracks the number of full-time employees that a company employs in the course of a calendar year.

Good Catch – The recognition and correction of a hazardous condition or event that, if it occurred, would likely not cause death, serious physical harm or extensive property damage.

Incident Investigations – A systematic process to find the root causes of problems and develop effective solutions to improve performance.

Leading Indicators – A measure preceding or indicating a future event that is used to drive and measure activities carried out to prevent and control injury, such as safety training, new hire safety orientation and behavior-based safety observations.

Lost Life/Lives – Nonstatistical term used to describe a fatality caused by an injury suffered during work hours and the long-term impact, beyond the lost life, on family and friends.

OSHA – The Occupational Safety and Health Administration, a U.S. government agency tasked with establishing workplace safety and health requirements and enforcement of existing rules. Operates under the scope of the U.S. Department of Labor. OSHA Form 300A – The "Summary of Work-Related Injuries and Illnesses" required by OSHA for all companies with 11 or more employees. It is created using information gathered from a company's OSHA Form 300, the "Log of Work-Related Injuries and Illnesses."

Potential Significant Event – The recognition and correction of a hazardous condition or event that, if it occurred, would likely cause death, serious physical harm or extensive property damage.

Pre-Planning for Jobsite Safety – Project supervision and other key personnel are trained in pre-planning for project safety and safety pre-planning is integrated into the estimate, bid and mobilization/demobilization stages of projects. A checklist or similar document is used to ensure a consistent and comprehensive approach to exposure evaluation and resource needs and project safety plans are regularly updated throughout life of project.

Resources for Safety – Funds, time, personnel, equipment, supplies, etc. are regularly budgeted and invested, and the return on safety investment (actual or projected) is tracked to evaluate the effectiveness of resource allocation and to guide future expenditure decisions.

New Hire Safety Orientation – Amount of time, in minutes, a company devotes to covering safety-related topics during orientation for all new employees.

STEP – ABC's safety management system, created in 1989 to gather data related to member safety performance and to evaluate the effectiveness of safety programs based on the key components of world-class safety programs.

Toolbox Talks – Topic-specific, short-format training, usually conducted before the workday or during lunch breaks, aimed at crews and site employees to educate on specific safety and health topics, hazards, policies and procedures.

Top Performers – ABC's annual ranking of contractor members that build long-lasting, high-quality construction projects, based on work hours. Visit abc.org/topperformers to learn more.

TRIR – Total Recordable Incident Rate. Measures the number of cases per 100 full-time employees where an injury or illness caused a loss of life or a situation resulting in an employee being unable to work (days away), restricted or transferred based on inability to perform normal job functions, or any other injury that falls under OSHA's definition of a recordable incident.

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Peter Grant CEO Safesite Solutions For more information, contact:

Joe Xavier

ABC Senior Director of Health and Safety xavier@abc.org

Denotes ABC 2022 Top Performers

ABC Has 69 Chapters Nationwide



Established in 1950, Associated Builders and Contractors is a national construction industry trade association representing more than 21,000 members. Founded on the merit shop philosophy, ABC and its 69 chapters help members develop people, win work and deliver that work safely, ethically and profitably for the betterment of the communities in which ABC and its members work. Visit us at abc.org.

ABC STRATEGIC PARTNERS

YOUR ALLIES IN SUCCESS

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for and win government jobs with compliant fringe benefits.



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The ABC 2022 Safety Performance Report is brought to you by ABC Tech Alliance partner KPA.

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abc.org/spr

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