

# Recertification for Tilt-Up Technician and Supervisor Education Verification Form 2018/2019



## INSTRUCTIONS

Candidates must complete both **Section A** and **Section B** of this form and sign in **Section C** before returning to ACI. For Tilt-Up Supervisor recertification, applicants must also complete the *Recertification Work Experience Form*. See the *ACI Tilt-Up Technician and Supervisor Recertification Policies and Procedures* for complete instructions.

This form reflects educational offerings approved for credit towards recertification as an ACI Tilt-Up Technician or Supervisor for select venues throughout 2018 and 2019 only. Additional venues and course offerings available for credit are listed on separate forms by year, available at [www.acicertification.org](http://www.acicertification.org).

### SECTION A—To be completed by the Candidate

Name of Candidate: \_\_\_\_\_ Certification ID/Last 4 digits of SSN: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Employer: \_\_\_\_\_ Employer's Phone: \_\_\_\_\_

### SECTION B—To be completed by the Candidate

The minimum educational requirement to qualify for recertification is 10 hours, unless you attend six 90-minute seminars (totaling 9 hours). Hours can be from multiple events (e.g., 5 hrs from WoC and 5 hrs from TCA), taken with a 5-year period. Credit will be given for only one course if the same course is taken two or more times during a certification cycle (5 years).

**Venue: 2019 World of Concrete** – *Check all courses taken, fill in date attended, and attach copies of receipts/certificates earned*

#### 3-Hour Seminars

#### Date of course

- |                                      |   |       |
|--------------------------------------|---|-------|
| <input type="checkbox"/> <b>MO01</b> | Concrete Basics I: Concrete Materials, Mixtures, Batching & Transporting                                  | _____ |
| <input type="checkbox"/> <b>MO02</b> | Concrete Basics II: Depositing, Testing, Placing, Finishing & Curing Concrete                             | _____ |
| <input type="checkbox"/> <b>TU03</b> | Concrete Basics III: Typical Problems, Durability & Trending Applications                                 | _____ |
| <input type="checkbox"/> <b>WE04</b> | Design and Control of Concrete Mixtures: Applications, Methods & Materials                                | _____ |
| <input type="checkbox"/> <b>TH05</b> | Curing Concrete: Why We Do It and Why We Care   | _____ |
| <input type="checkbox"/> <b>TU08</b> | The Love/Hate Relationship of Moisture in Concrete Floor Slabs  | _____ |
| <input type="checkbox"/> <b>TH09</b> | Extended Joint Systems for Slabs-on-Ground  | _____ |
| <input type="checkbox"/> <b>MO10</b> | Fundamentals of Polished Concrete—From the Ground Up  | _____ |
| <input type="checkbox"/> <b>TU11</b> | Polishing Retail & Industrial Slabs—Design, Construction & Polisher Best Practices                        | _____ |
| <input type="checkbox"/> <b>MO15</b> | Effective use of Chemical Admixtures to Achieve Better Concrete   | _____ |
| <input type="checkbox"/> <b>TU16</b> | Concrete Mix Design I: Evaluation of Mixtures   | _____ |
| <input type="checkbox"/> <b>WE17</b> | Concrete Mix Design II: Adjusting with Aggregates and Admixtures  | _____ |
| <input type="checkbox"/> <b>FR18</b> | What is Wrong with My Concrete? Troubleshooting Concrete Quality  | _____ |
| <input type="checkbox"/> <b>MO19</b> | Troubleshooting Concrete Cracks: Understand and Minimize Cracking   | _____ |
| <input type="checkbox"/> <b>MO20</b> | Concrete Repair Fundamentals I: Surface Preparation, Reinforcement Repair, Material Selection & Placement | _____ |
| <input type="checkbox"/> <b>TH23</b> | Repairing Concrete Cracks: Evaluation and Selection of Repair Methods                                     | _____ |
| <input type="checkbox"/> <b>MO24</b> | How to Establish Teamwork on Every Crew & Job   | _____ |
| <input type="checkbox"/> <b>MO25</b> | Small Company Survival Skills to Reach the Next Level of Success  | _____ |
| <input type="checkbox"/> <b>TU26</b> | How to Turn Inefficiency into Profitability   | _____ |
| <input type="checkbox"/> <b>WE27</b> | LEAN Construction Concepts and Benefits   | _____ |
| <input type="checkbox"/> <b>TH28</b> | Creating, Managing & Utilizing a Construction Schedule for Success  | _____ |
| <input type="checkbox"/> <b>FR29</b> | Productivity Analysis and Improvement   | _____ |

#### 90-Minute Seminars

- |                                       |   |       |
|---------------------------------------|---|-------|
| <input type="checkbox"/> <b>MO101</b> | Numbers Contractors Must Know & Track to Make a Profit    | _____ |
| <input type="checkbox"/> <b>TU103</b> | Better Job Costing and Labor Controls to Increase Profits | _____ |

- TH104** Change Orders: Managing Expectations, Measuring Production & Profitability
- MO105** How to Develop & Multiply Effective Leaders
- TU106** Find, Hire, Train and Retain Self-Motivated Workers
- WE107** Foremen Who Influence Their General Contractor Superintendent and Project Manager
- WE108** How the Millennial Generation is Changing the Workplace
- TH109** The 25 Hour Day—Time Management & Time Budgeting Strategies
- TH110** Mastering the Art of Communication to Increase Personal Influence
- FR111** Embracing Accountability to Increase Productivity
- MO112** Innovations in Construction Layout - Next Generation 3D Scanning for the Field
- MO113** Path of a Concrete Construction Project from Estimate to Closeout
- TH114** Collaborative Project Management From the Field to Office
- FR115** Building Information Modeling (BIM) for Reinforced Concrete Construction
- MO116** Avoidable Slab Issues for Mid-Size Projects That Save Money
- MO117** Hot Weather: Dealing with Concrete in Hot, Dry & Windy Conditions
- MO118** Cold Weather: Managing Concrete in Winter Conditions
- TU119** Introduction to Placing and Finishing Concrete Slabs: Best Practices
- WE120** Solving Problems with Air-Entrained Concrete
- FR122** Adding Water On Site: To Add or Not to Add?
- MO123** Architectural Concrete Finishes— Color & Controlled Aggregate Exposure
- MO124** Introduction to Stamped Concrete: Best Practices
- WE127** Introduction to Acid Staining Applications & Starting a Business
- TH128** Troubleshooting Decorative Concrete II—Stains & Sealers
- TU129** Working with Engineers & Design Professionals in Concrete Repair
- WE130** Design & Construction of Slabs-on-Ground + Slabs on Metal Deck
- WE131** Performance-Based Design and Specification of Fiber-Reinforced Concrete
- TH133** Evaluating Mix Design Submittals for High Performance Floors & Pavements
- MO142** Assessing & Improving Your Company's Safety Climate
- WE143** Accident Investigation: Pre-Planning, Processes and Procedures
- TH144** Safety and OSHA Violations: The Good, The Bad & The Ugly
- TH145** OSHA Silica Regulation: First Steps to Begin the Path to Compliance
- MO146** Placing Smarter Concrete to Maximize Production
- WE147** Understanding Mass Concrete Placements: What Contractors MUST Know
- WE148** Leading Edge Techniques for Finishing Industrial & High-End Commercial Floors

**Various-Length Educational Events**

- TUSTS1** Hands-On Training: Surveying with Total Stations—Basics for Beginners (4 hrs)
- WESTS1** Hands-On Training: Surveying with Total Stations— Advanced Surveying (4 hrs)
- WEPTD1** Hands-On Training: Place & Finish Floors (4 hrs)
- TUMD1** Hands-On Training: Mix Design & Testing Labs (3 hrs)
- MOLBC** Boot Camp for Field Leaders: Field Leadership Excellence (8 hrs)
- TUEBC** Boot Camp for Concrete Estimators: Strategies & Risk Management Techniques (8 hrs)
- THASD** Acid Staining Workshop & Live Demonstration (4 hrs)
- THVCD** Vertical Concrete Workshop & Live Demonstration (4 hrs)
- MO401** ACI Adhesive Anchor Installation Inspector Review (4 hrs)
- MO403** ACI Advanced Specialty Commercial/Industrial Concrete Flatwork Finisher/Technician (4 hrs)
- TU404** ACPA Concrete Pump Operator Safety Review (4 hrs)
- TU405** ACI Concrete Field Testing Technical - Grade I Review (4 hrs)
- WE406** ICRI Concrete Slab Moisture Testing Technician Review (4 hrs)
- WE407** ACI Concrete Flatwork Finisher/Technician Review (4 hrs)
- TH409** TCA Tilt-Up Technician/Supervisor Review (4 hrs)

		Date of course
<input type="checkbox"/>	<b>EB1</b> Bringing MARS Down to Earth!: Applying Technologies Used in Form Found Design’s MARS Pavilion to Tilt (1 hr)	_____
<input type="checkbox"/>	<b>EB2</b> Early Bird Roundtable: Donuts with David C. Whitlock, Esquire (1 hr)	_____
<input type="checkbox"/>	<b>T101</b> Tilt-Up 101 (3 hrs)	_____
<input type="checkbox"/>	<b>T201</b> Disaster Preparedness: Lessons Learned from 2017’s Catastrophic Hurricanes, Floods and Fires (1 hr)	_____
<input type="checkbox"/>	<b>T202</b> A Practical and Reliable Means to Polished Concrete Walls (General Session) (1 hr)	_____
<input type="checkbox"/>	<b>T203</b> Breaking into the School Market (General Session) (1 hr)	_____
<input type="checkbox"/>	<b>T204</b> What Happened to Work Ethic? Are the Kids Alright? (Keynote – General Session) (1 hr)	_____
<input type="checkbox"/>	<b>T205</b> The EPD Movement – It’s Closer than you Think (1 hr)	_____
<input type="checkbox"/>	<b>T206</b> A New Generation of Tilt-Wall Icons (1 hr)	_____
<input type="checkbox"/>	<b>T207</b> The Tilt-Wall System and Commodity Architecture (1 hr)	_____
<input type="checkbox"/>	<b>F101</b> Pitfalls of Alternative Tilt-Up Design Approaches (1 hr)	_____
<input type="checkbox"/>	<b>F201</b> Heading to New Heights for E-Commerce (1 hr)	_____
<input type="checkbox"/>	<b>F102</b> Synthetic Fiber Reinforcement Solutions for Concrete Cracking (1 hr)	_____
<input type="checkbox"/>	<b>F202</b> Utilizing Internal Curing (IC) to Greatly Reduce and Often Eliminate Shrinkage and Curling (Construction Track) (1 hr)	_____
<input type="checkbox"/>	<b>F103</b> Tilt-Up Panel on Shim Pads Wall Footing and Panel Design (1 hr)	_____
<input type="checkbox"/>	<b>F203</b> Construction Fails – A Review of Conditions and Decisions Leading to Disastrous Accidents and Near Misses (General Session) (1 hr)	_____
<input type="checkbox"/>	<b>F104</b> From Computer to Casting Bed: Navigating the Details of Tilt-Wall (1 hr)	_____
<input type="checkbox"/>	<b>F204</b> Erecting Irregular Tilt-Up Panel Shapes (Construction Track) (1 hr)	_____
<input type="checkbox"/>	<b>F105</b> Unpacking the New TCA Bracing Guideline Version 18.1 (General Session) (1 hr)	_____
<input type="checkbox"/>	<b>F205</b> Now what? Managing the Aftermath of a Jobsite Accident (1 hr)	_____
<input type="checkbox"/>	<b>F206</b> Roundtable: Tall Panels Bring Tall Challenges (1 hr)	_____

**SECTION C**—To be completed by the Candidate

I authorize those whom I have given as references to furnish to ACI or its agents information concerning my education and other background relevant to the stated requirements of the ACI certification programs. I agree to release and hold harmless any individual, company or institution, including ACI, the Tilt-Up Concrete Association, and any persons connected therewith from liability imposed by law in furnishing such information. I understand that untruths or misrepresentation contained herein constitute grounds for denial of certification.

\_\_\_\_\_  
Signature of Candidate

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name of Candidate

**Return completed form to ACI:**

Email: [aci.certification@concrete.org](mailto:aci.certification@concrete.org)

FAX: (248) 848-3793

ACI Certification

38800 Country Club Drive

Farmington Hills, MI 48331

**For more information, contact ACI Certification at:**

(248) 848-3790

[www.acicertification.org](http://www.acicertification.org)