



# Joe Newstrom, PE

## Curriculum Vitae

### Professional Experience

#### Lift Engineering Associates, LLC

*July 2010 - Present*

##### Founder, Managing Partner

**July 2010 - Present**

- Providing licensed technical, safety code, and design analysis consultation within the accessibility & vertical transportation industries

#### Arrow Lift

*July 2004 - Present*

##### Chief Engineer

**January 2025 – Present**

##### Vice President

**January 2017 – December 2024**

##### Director of Operations

**April 2015 – December 2016**

- Responsible to direct and oversee Project Management, IT, Logistics, Engineering, and Field Technical staff

##### Engineering & IT Manager

**February 2011 – March 2015**

- Developed Engineering Program for Custom Projects & Legacy Equipment Upgrades/Modernization, including design, & deployment of equipment compatibility & compliance plans
- Developed cross-departmental internal Engineering Support processes (Sales, Installation, & Service)
- Direct technology upgrades & deployment for CRM, ERP, Communication & Mobile Solutions
- Primary point of contact for all Product Evaluation, Design, & Development

##### Electro-Mechanical Engineer

**February 2008 – January 2011**

- Provided technical and safety code (ASME, NEC, IBC & State) consultation on a project by project basis
- Interfaced with OEM Suppliers while providing technical and jurisdictional compliance support for products to be purchased & installed
- Identified compatible hardware & circuitry to enable upgrades for damaged or obsolete equipment

##### Project Manager

**October 2005 - January 2008**

- Managed the planning & installation of several hundred project, including up to 60 concurrently
- Interfaced with OEM Suppliers to ensure compatibility between site-specific applications and the equipment provided
- Scheduled & supervised two installation crews of two Technicians per team

##### Electro-Mechanical Technician/Engineering Intern

**July 2004 - October 2005**

- Worked with other team members within installation team to complete projects
  - Developed direct, hands-on knowledge of all equipment offerings from multiple manufacturers
  - Provide project technical & construction coordination as directed
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## Technical Licenses

Certified Elevator Technician Supervisor (CET-S)	National Association of Elevator Contractors (NAEC)	2025 – Present
Certified Accessibility & Private Residence Lift Technician Supervisor (CAT-S)	National Association of Elevator Contractors (NAEC)	2024 – Present
Licensed Elevator Mechanic (#4877)	State of Nevada	2024 – Present
Licensed Professional Engineer (#49376-6)	State of Wisconsin	2022 – Present
Certified CE Instructor (Elevators & Lifts)	State of California	2022 – Present
Licensed Professional Engineer (#40568)	State of California	2021 – Present
Licensed Journey Level Elevator Mechanic (#P037191)	City of Los Angeles	2018 – Present
Certified Competent Conveyance Mechanic (#N18013)	State of California	2017 – Present
Certified CE Instructor (Elevators & Lifts)	State of Minnesota	2016 – Present
Licensed Master Elevator Constructor (#EM650306)	State of Minnesota	2012 – Present
Licensed Master Electrician (#1091164)	State of Wisconsin	2012 – Present
Licensed Elevator Mechanic (#1091164)	State of Wisconsin	2010 – Present
Licensed Professional Engineer (#48013)	State of Minnesota	2010 – Present
Licensed Lift Mechanic (#1091164)	State of Wisconsin	2007 – Present

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## Professional Memberships

<b>Accessibility Equipment Manufacturers Association</b>	<b>2008 – Present</b>
<i>Member, AEMA Board of Directors</i>	<i>2011 – 2013, 2025 – Present</i>
<b>National Association of Elevator Contractors</b>	<b>2005 - Present</b>

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## Education

Bachelor in Science, Mechanical Engineering (BSME)	Gonzaga University	2000 - 2004
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## Safety Code Committee Participation

<b>Member, A18.1 Safety Codes &amp; Standards Committee</b>	<b>May 2012- Present</b>
<i>A18.1 Safety Standard for Platform Lifts and Stairway Chairlifts</i>	
<b>Member, A17.1 Private Residence Elevator Working Committee</b>	<b>May 2012- Present</b>
<i>A17.1 Safety Code for Elevators &amp; Escalators</i>	
<b>Member, A17.1 Limited Use-Limited Application Elevator Working Committee</b>	<b>May 2012- Present</b>
<i>A17.1 Safety Code for Elevators &amp; Escalators</i>	