



Trade Partner Success depends on Quality Metrics and an effective Quality Program (1.0 hours, 1.0-AIA HSW)



In today's environment, having the trade partners take responsibility for the quality of their work and coordination with other trade partners that affect their work is critical for a successful project. Keeping quality on track with trackable and quantifiable quality metrics and deliverables is what we have been able to use to keep the Cost of Quality at almost 10x less than industry average per industry reports. Making everyone accountable for Quality and at the same time provide them with a resource, learning experience during job site reviews, and provide a lessons learned program that is introduced at the right time during design, buyout or construction, will give everyone more confidence and acknowledging the Trade Partner is a Partner long term. Also, using AI technology along with quality metric results over many years, we now are able to assist with the choice towards the correct trade partner for the project along with the making sure that the trade partner will succeed at the specific project type. I have developed an extensive set of Quality metrics and Lessons Learned programs that is effective and definable for the Company and the individual trade partner teams.

Traditional lecture with photos describing the concern, including many case studies. The presentation is heavy with photos and examples.

HSW Justification:

The presentation focuses on essential elements that enhance building performance and reduce risks. It prioritizes health by minimizing construction defects that can negatively affect indoor air quality and occupant comfort. The course also emphasizes safety by holding trade partners accountable for their work, using quality metrics to prevent potential structural and life-safety issues, and ensuring compliance with relevant safety standards. Additionally, it promotes welfare by selecting the right trade partners and implementing lessons-learned programs, which ultimately lead to better project outcomes, lower costs, and more resilient buildings.

Learning Objectives:

1. Define what a quality plan is and how it could help the trade partner and the entire construction team with expectations and accountability.
2. Apply the understanding of the Trade Partner Quality Plan to the project to better manage the trade partner and overall project expectations.
3. Leverage Quality metrics, how to measure, and how to make them useful for the Company, Subcontractor, A/E and Owner.
4. Understand the importance of trade partnering and training verses acknowledging a transactional relationship.
5. Learn how to prevent constructability/compatibility issues prior to construction by using the job specific trade partner Quality Plan and Quality metrics.