

# METAL BUILDINGS INSTITUTE™



With past support from Bob and Bev Ketenbrink and others, MBI developed the Quality and Craftsmanship Training Series, an introductory level Metal Building Assembly Program. Although it still has a role in training, it is not designed to be deep enough to qualify as a formal apprenticeship program or robust enough to create craft workers skilled in the unique needs of metal buildings. A few modules, e.g. Insulation have been recently updated, but at its core it is a 20+ year old system.

**The future of our industry depends on language appropriate, standardized skills training presented in the way students learn today.**

To succeed, industry needs to inspire, recruit and train the future generation of craft professionals while shaping positive perceptions of the construction industry. By investing in the NCCER Metal Building Assembly Training Initiative, we will equip the industry with the education and resources necessary to effectively reach students, veterans, families and educators, as well as provide information about the industry and promote careers in construction.

MBI has secured a commitment from KEF to match all funds up to \$500,000 received from industry to develop a transformative learning experience using new technologies that changes the way industry recruits, develops, and retains new workers. Together with NCCER we will create a program that attracts new workers, increases safety on our job sites and ensure the integrity of our builds.

**This is a million-dollar, multi-year investment in our future. We need the Metal Building Industry to pledge their support today. For additional information or to pledge your support, visit [www.metal-buildings-institute.org](http://www.metal-buildings-institute.org) or contact Sasha Demyan at 484-239-3337 or [sdemyan@mbcea.org](mailto:sdemyan@mbcea.org)**

**KETENBRINK EDUCATION FOUNDATION** is a multi-million dollar 501(c)3 Trust formed by Bob and Bev Ketenbrink, legacy owners of Spacemark, an IL based metal building construction company. The more particular purposes of KEF is to assist in improving the quality of metal building construction and the training available in the metal building industry, to help metal building construction workers or aspiring workers acquire necessary job skills and understanding of metal building construction standards, and to improve overall technical and practical training available to metal building workers.

These purposes may be realized by providing support to Qualified Organizations that develop and improve curriculum for metal building construction training, by providing facilities in which or from which to offer the training, to study ways to improve available training, and other, similar purposes related to the metal building construction industry.

The trustees of KEF are representatives from ABC, MBI, MBCEA, NCCER and Spacemark.



**For the Contractors and Erectors who make their living in the Metal Building Industry, there is no cohesive training plan unique to this industry.**

Most contractors and erectors cobble together a training plan with bits and pieces from carpenters, ironworkers, sheet metal workers. By necessity, they fill in the gaps with in-house developed training of varying degrees of efficacy. This is a costly and in-efficient method that yields poor results.

**Lack of proper training is a significant contributing factor to the industry's ability to attract and retain new workers.**

MBCEA, MBI and NCCER advocate a performance-based, cohesive approach to training. They will define learning outcomes in terms of competencies, performance standards, and learning objectives that will be applied consistently throughout the industry. This framework ensures that learning and assessment activities are designed with the end in mind, resulting in trainees who can successfully demonstrate competence on each Covered Task.

They have identified a panel of Subject Matter Experts (SME) in metal building assembly to identify covered tasks as competencies that reflect the desired performance, write performance standards that detail what a successful performance looks like, and write learning objectives that detail the concepts and supporting skills.

Once these components are developed and validated by the SMEs, NCCER will develop learning plans (one per competency/covered task) that detail the learning and assessment activities needed to guide trainees through the process of developing competence. Each micro-lesson will have one formative assessment at the end of the learning that is awarded points for successful completion. Once all micro-lessons are complete, the cumulative points will enable the learner to receive a badge and certificate for completing the module.

Performance standards become Performance Assessment tasks with rubrics that facilitate assessment and document competency attainment. Once the learning and assessment structure has been created, digital learning assets will be developed, and the online learning environment (LMS) will be set up to manage delivery.

Content will be structured within the interface in a way that subscribes to best practice user-experience design, which is one of the key success factors for the delivery of learning assets. All content will be available in Spanish and English. The goal of this initiative is to safeguard the future of the metal building industry; to create certified craft professionals with technical skills who can keep the industry vibrant.

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