

MAST CLIMBING WORK PLATFORMS

KEVIN O'SHEA

DIRECTOR OF SAFETY AND TRAINING

AGF ACCESS GROUP



THE FUTURE OF OUR INDUSTRY:

THE SKILLS SHORTAGE

INCREASING SAFE USE AND TRAINING



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US EXAMPLE – TYPICAL INDUSTRY ISSUES



SKILLS SHORTAGE



- North American Manufacturers Provide Quality Training
 - It's not enough, equipment owners are way short on skilled labor
 - Properly certified, insured, skilled independent labor is almost non-existent
 - Union labour is professional, but not fully qualified
 - It's E&D not Operator
 - It's also Technician



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- As already stated, N. American Manufacturers Provide Quality Training, IPAF also provides this training, but numbers are low.
 - Operator training is popular because use is on the increase
 - E&D training is not as popular and yet every unit needs to be erected before use, so who's building the equipment. 8 out of 10 jobsites I visit I will find untrained personnel building machines.
 - There's an assumption on heavy duty block units that operators can add mast sections and ties, is this why E&D training is not such a requirement?



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OUR INDUSTRY CHALLENGES:



- SKILLS SHORTAGE
- ENCOURAGE TRAINING UPTAKE
- ENCOURAGE THE UPTAKE OF THE PRODUCT
- IMPROVE OUR CONTROL OF PRODUCT SAFE USE
- ENCOURAGE YOUNG PEOPLE



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AN 'INDUSTRY' SOLUTION?



SKILLS SHORTAGE

- Solutions?
 - IPAF courses – How Do We Increase Uptake?
 - IMI, MCAA – MCWP class as part of apprenticeship?
 - Manufacturer apprenticeships?
 - How do we 'qualify' union labor?
 - Technician qualification?



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ENCOURAGE TRAINING UPTAKE

- Solutions?
 - Awareness campaign through IMI, MCAA, IPAF etc on the need for training?
 - OSHA focus campaign through the Alliance?
 - OSHA Tip Sheet on training requirements?
 - AGC, ABC seminars on what constitutes 'qualified'.



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ENCOURAGE UPTAKE OF THE PRODUCT

- There are still major markets and applications out there that the MCWP industry is not tapping into effectively, how do we increase our presence?
- **Solutions:**
 - AGC,ABC, awareness campaign. 'The productivity and safety benefits of mast climbers'.
 - IPAF 'Industry' features focusing on the industry not individual products.
 - ASSE lectures on advantages of mcwp's
 - NSC lectures on advantages of mcwp's etc
 - Targeted industry advertising e.g. Architect and designer magazines (i.e. design for construction by mast climbers)



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IMPROVE CONTROL OF PRODUCT SAFE USE

BID STAGE: GC SELECTION PROCESS

SUPPLIER SELECTION –

Meet ANSI ?

Meet OSHA?

EMF

EVIDENCE OF TRAINING?

SUPPLY CONTRACT -

Engineering

Schedules etc

6' Tie-off/100% tie-off ? (Problem?)

JOB STARTS -

Layout/capacities (OK by OEM/Eng ?)

Installer proof of 'qualified' status

(make/model specific, photograph)

Operator Training by Qualified Person

Daily Inspection Logs

Frequent Inspection (Qualified Person)

Last Annual Inspection (Qualified Person)



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LESSOR: Responsibilities under ANSI A92.9

- All responsibilities of an Owner
- Training of Operators and Users by a Qualified Person
- Familiarization upon 'delivery' or hand-over
- Provide any information that Lessee requires for safe operation/use
- Keep records of those trained for three years, and the details and credentials of who provided the training
- Keep records of those familiarized for three years, and the details and credentials of who provided the familiarization
- Responsibilities on record dissemination
- Inspections for structural and operational and safety integrity BEFORE hand-over
- Reassess the operating environment before hand-over and convey this to Lessee during training
- Providing the contact information of a qualified person to provide Lessee assistance if required



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LESSEE RESPONSIBILITIES: ANSI A92.9

- Trained Operators
- Trained Users
- Daily Inspections
- Reporting concerns to a Competent Person
- Competent Person
- Cannot alter the unit unless supervised by a competent person who uses trained and experienced personnel selected by him for the job.
- Safe use and working practices



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ENCOURAGE YOUNG PEOPLE INTO THE INDUSTRY

- Apprenticeships?
- Strategic partnership with technical colleges?



WHERE ARE OUR NEXT GENERATION OF LEADERS COMING FROM?



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WE NEED TO BEGIN TO ADDRESS THESE VITAL INDUSTRY ISSUES NOW!

