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ACCESS FEDERATION**



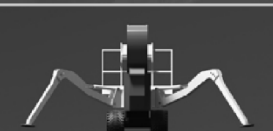
IPAF Asia Conference

July 19, 2018 – Kuala Lumpur

Working safely with MCWPs and Hoists: Risks Involved and the Importance of Training

Angel Ibanez

IPAF Global Representative for MCWPs and
related products



MCWPs



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MCWPs



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MCWPs



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Construction hoists



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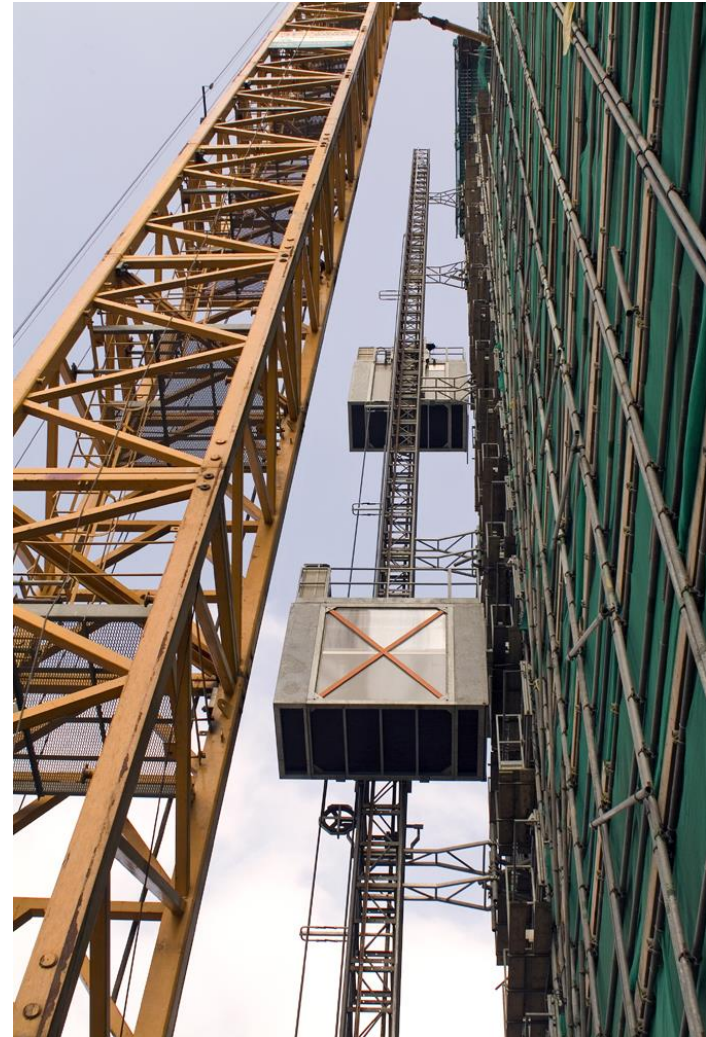


Construction hoists



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Example of Passenger Hoists



Construction hoists



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Example of Material Hoists



Accidents may happen



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Accidents happen with MCWP...

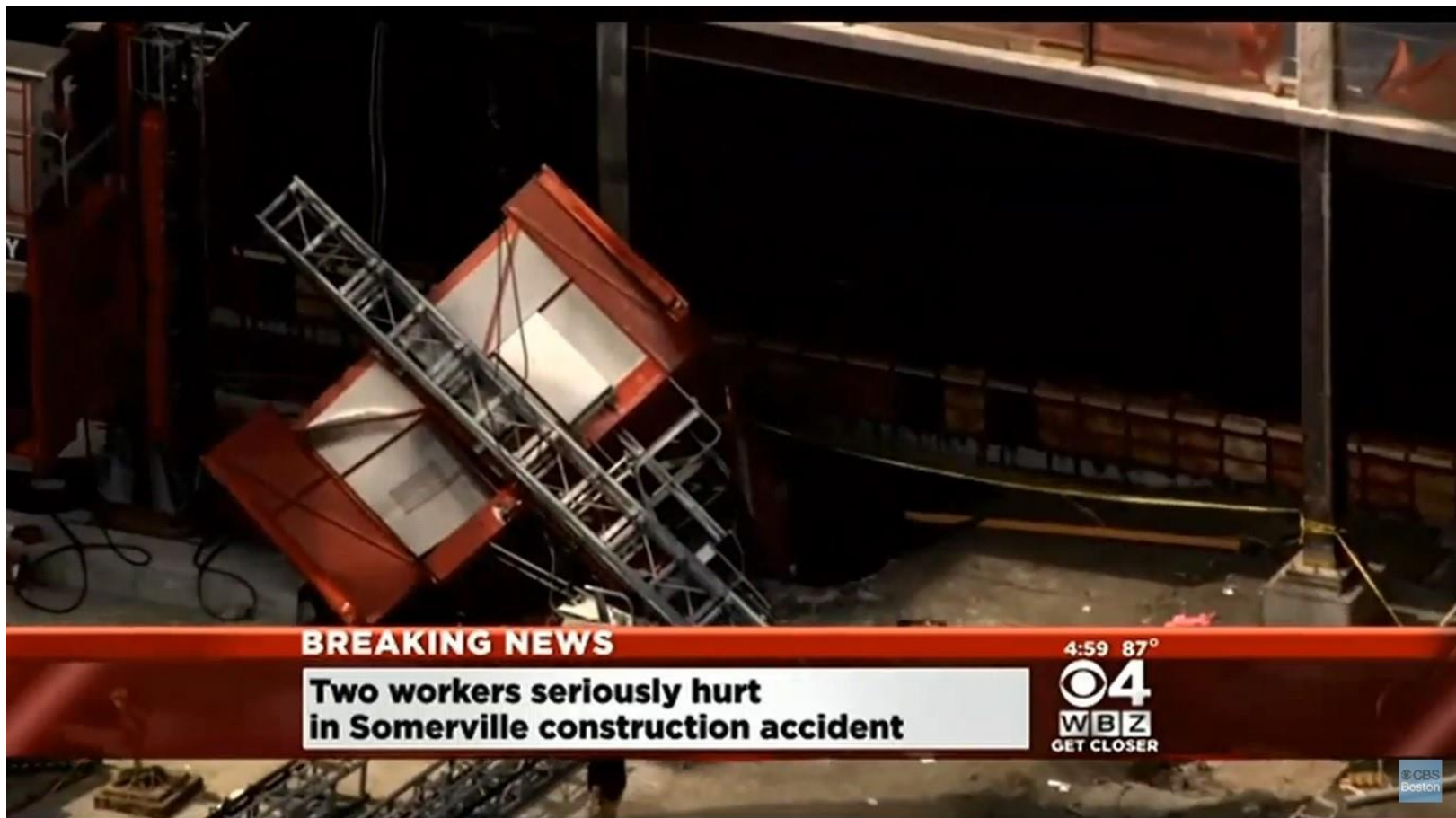


Accidents may happen



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But with hoists too



Accidents may happen



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Main hazards

Removed
guards and
exposed edges

Overloading



Faulty
configuration

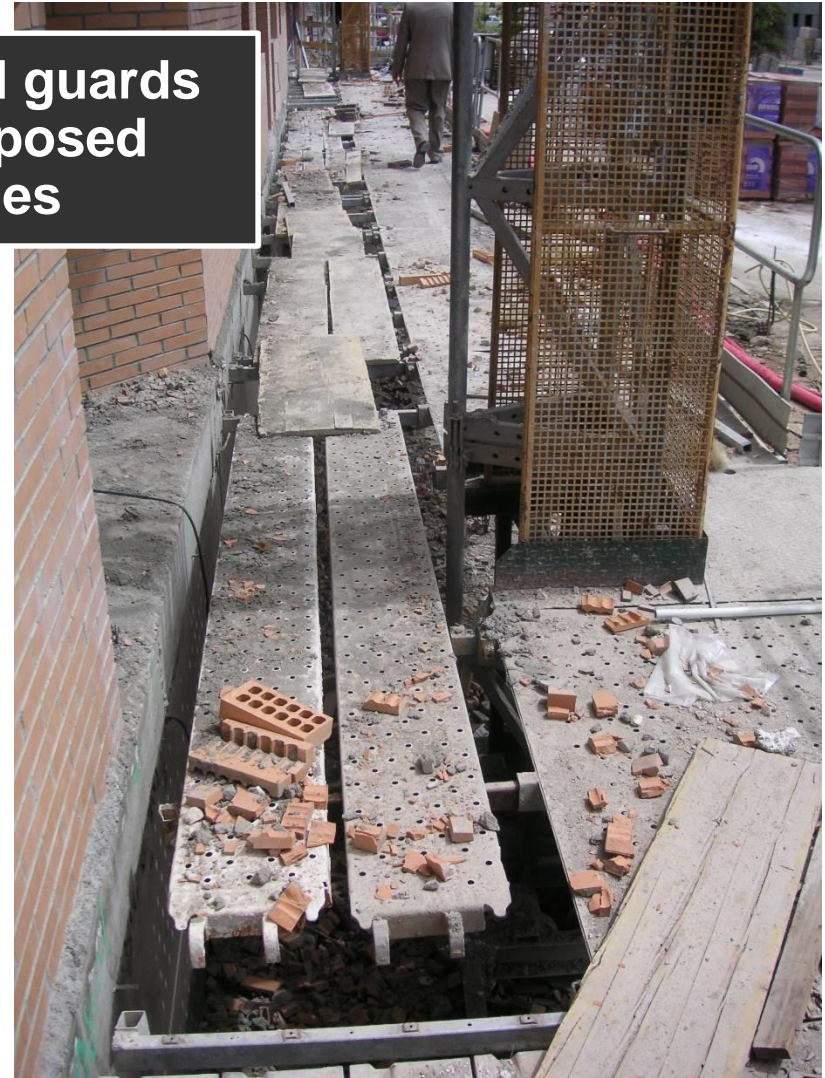
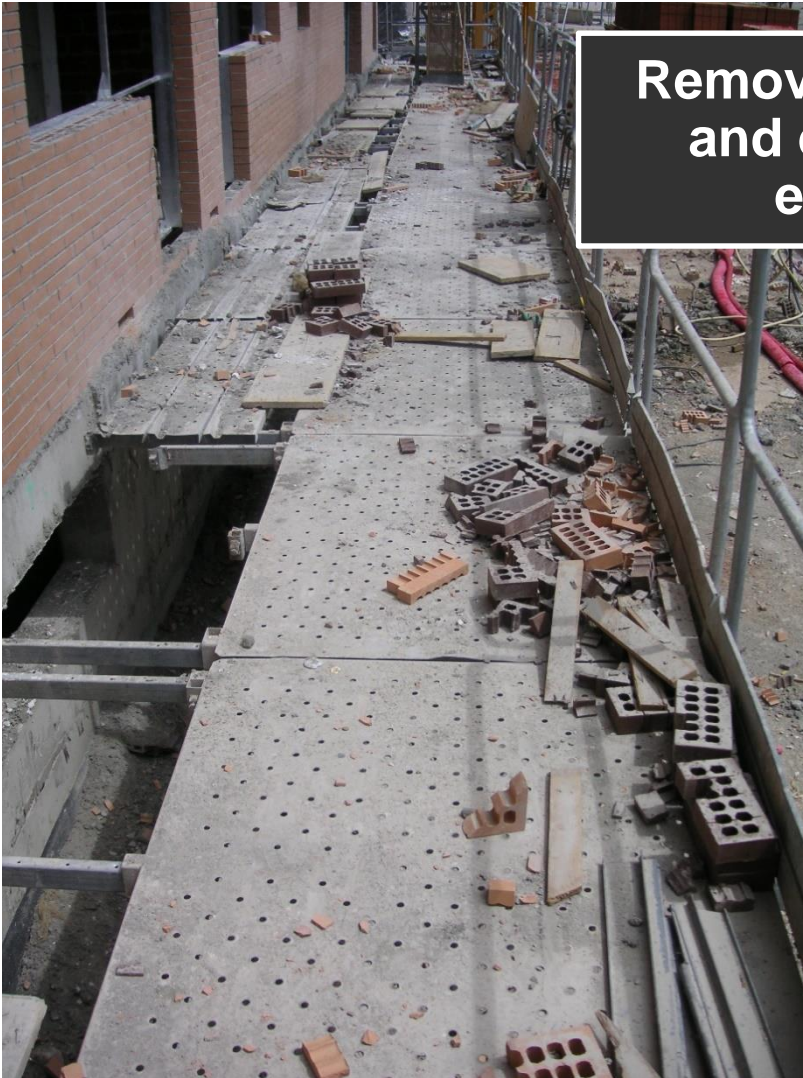
Hit with
obstacles

Hazards



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**Removed guards
and exposed
edges**



Hazards



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Hazards



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Hazards



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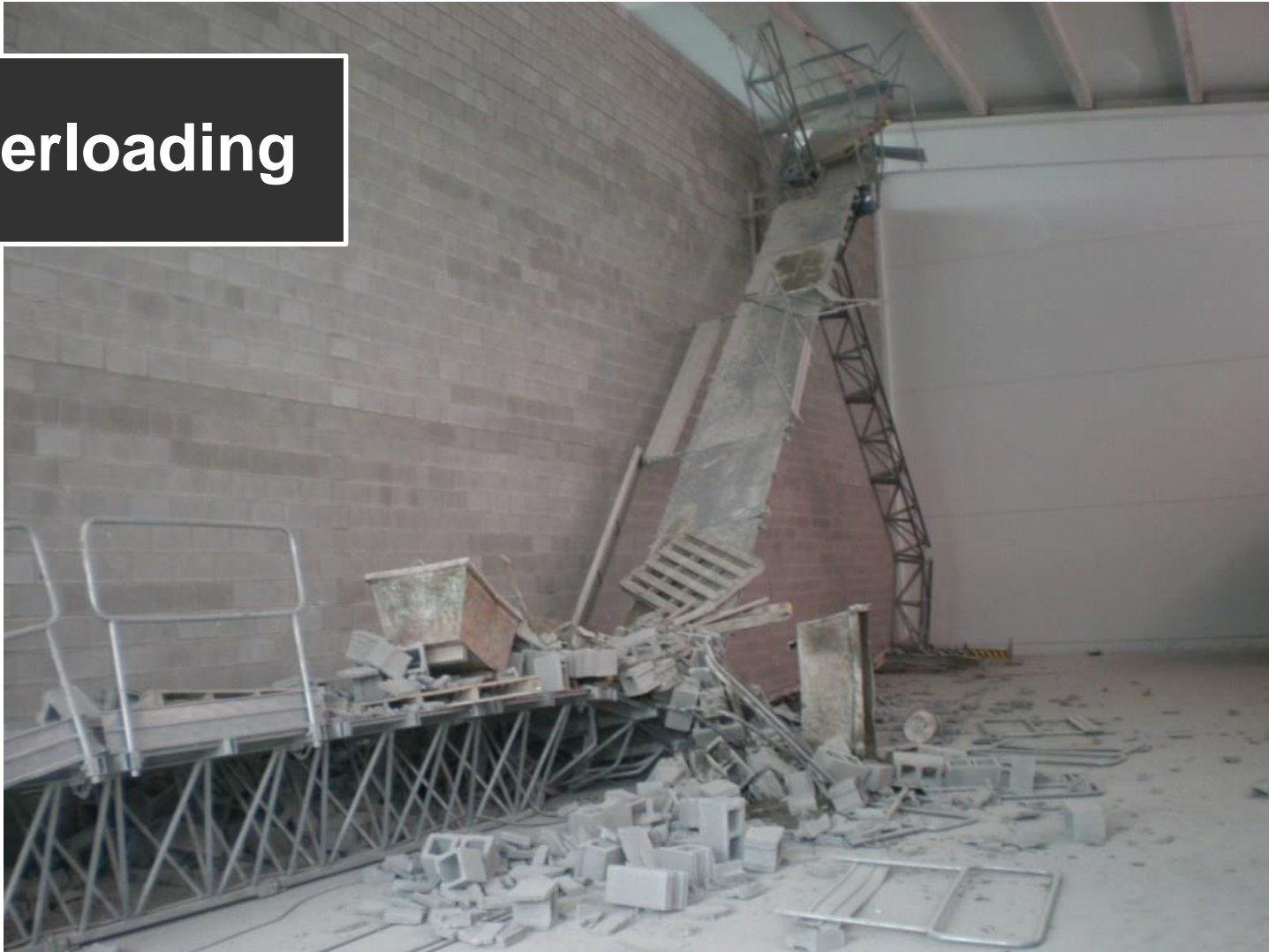


Hazards



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Overloading



Hazards



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Overloading



Hazards



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**Hit with
obstacles**



Hazards



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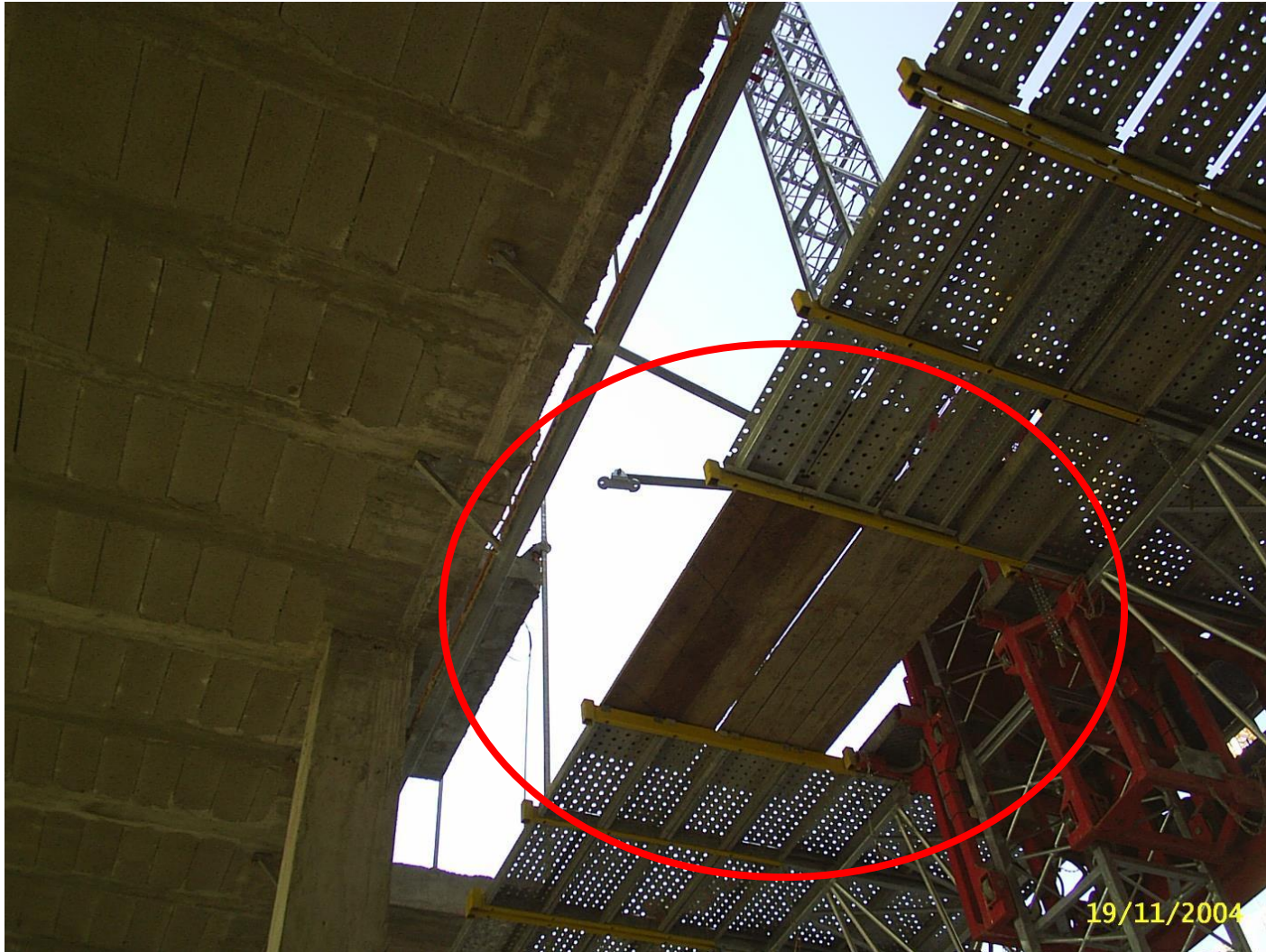
Wrong Extensions



Hazards



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**Faulty
configuration**

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**Faulty
configuration**

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**Others: lack of
maintenance**

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**Others: lack of
maintenance**

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**Others: bad
operation**

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Risks during erection and dismantling



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The importance of training



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**Of course the
right
installation
is extremely
important,
but....**



The importance of training



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Operators
play a key role:
in the safe use
&
in the pre-use checks



The importance of training



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**and they
must
be trained,
because..**



Lack of training
on the
installation & use
is a
critical factor
in most
incidents

The importance of training



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IDEAL SITUATION:

- A **trained Installer** installs the machine according to the instructions received.
- A **trainer trains designed operators** working on the machine on each construction phase.... (welders, brick layers, painters... and so on).
- Trained **operators of each trade will take care of checks and machine operation.**

The importance of training



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&




IPAF and MCWPs since the 90's


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FREE ELEARNING OFFER FOR USA AND CANADA RESIDENTS, CLICK TO FIND OUT MORE.




IPAF promotes the safe and effective use of powered access equipment worldwide


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Need to check the status of an operator's PAL Card and their details?
Lost a PAL Card?

 [VERIFY A PAL CARD](#)




New to Powered Access?
Here's what you need to know.

 [FIRST-TIME USERS](#)

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Join IPAF:

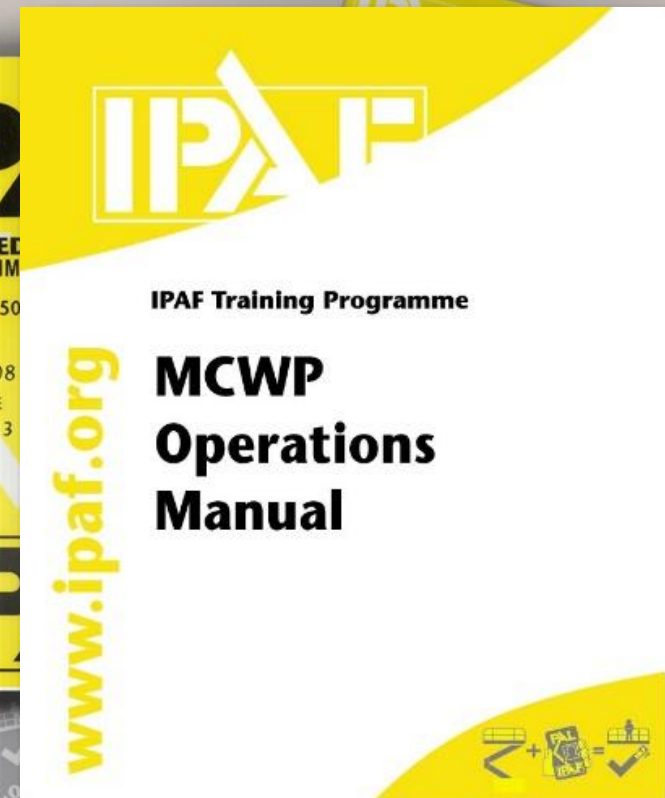
-  Help make the industry safer
-  Influence regulation and legislation
-  Member-only benefits

[BECOME AN IPAF MEMBER](#)

IPAF and MCWP



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PAL Grades/Categories for Mast Climbing Work Platforms

Title	Licence Grade
Operator	OP
Mobile Operator	OP(M)
Demonstrator	D
Installer	INST
Advanced Installer	INST(A)
Trainer	T

Future PAL Grades/Categories for Hoists

Title	Licence Grade	When
Operator	OP	2018
Demonstrator	D	2018
Installer	INST	2019
Advanced Installer	INST(A)	2019
Trainer	T	2019

How IPAF can help you



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PAL CARD FEATURES

The PAL Card is valid for five years.

It shows the date on which the holder was assessed and the expiry date by which re-training would be needed.

It shows the types of equipment that the holder has been trained to operate.

It has security features including a holographic logo and the holder's photograph and signature to prevent mis-use.

The Smart PAL Card is marked by a wireless icon and has a chip embedded in it.



How IPAF can help you



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Smart PAL card

Access control

Verify if pre-use checks

Electronic logbook

Can be integrated

**IPAF's
PAL Card
is getting
Smarter!...**

**...it can make the
industry safer by
controlling access
to machines**

The image shows a large, yellow, rectangular PAL card with a blue border. On the card, there is a photo of a man, a chip, and the text 'PAL CARD ACCESS LICENCE'. Above the card, several yellow aerial work platforms are shown, with glowing blue lines connecting them to the card, symbolizing access control.

How IPAF can help you



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How IPAF can help you



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DO NOT INTERFERE WITH TIES



**A MAST CLIMBING WORK PLATFORM NEEDS
ALL OF THE TIES FOR STABILITY**



THE WORLD AUTHORITY IN POWERED ACCESS

Download free posters at
WWW.IPAF.ORG/ANDYACCESS
Ref. A002 MA-512-1117-1-00

DON'T OVERLOAD THE PLATFORM



**ALWAYS RESPECT THE LOAD CHART AND FOLLOW THE
MANUFACTURER'S GUIDANCE FOR ITS INTENDED USE**



THE WORLD AUTHORITY IN POWERED ACCESS

Download free posters at
WWW.IPAF.ORG/ANDYACCESS
Ref. A001 MA-501-1117-1-00

How IPAF can help you



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MCWP&Hoist + PAL card



the safe way



**INTERNATIONAL POWERED
ACCESS FEDERATION**

Thank You!