



RAISING the standard

news from **IPAF** supporting the world of powered access

Autumn 2015 Issue No. 29

www.ipaf.org

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Skanska managers complete MEWPs for Managers course

Twenty managers from Skanska Romania have successfully completed the IPAF MEWPs for Managers course, which enables supervisors and managers to prepare for and safely coordinate the use of various types of mobile elevating work platforms on site.

The course was conducted by IPAF-certified instructor Martin Wraith and was organised by and held at IPAF member rental company Industrial Access Romania, which won an International Award for Powered Access (IAPA) as Access Rental Company of the Year 2013.

One of the managers who attended the course, Mircea Bosie, Environmental, Health & Safety (EHS) coordinator at Skanska Romania, said: "The structure of the training module was good and allowed us to enter step by step into the subject, without bringing a huge amount of information all at the same time. The content of the training was very clear, easy to understand by everyone, and it was presented in an interesting way with



the use of videos, case studies and animations. The biggest plus was the instructor who was very well prepared and delivered the course effectively."

IPAF's MEWPs for Managers course is available from approved training centres worldwide in English, German, French, Italian, Dutch, Spanish and Portuguese. The one-day course is not about operating equipment, but about planning, supervising and effectively managing the use of MEWPs on site. It ends with a written test that candidates must pass in order to obtain a certificate. More details are at www.ipaf.org/m4m



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Securing the future in access rentals

The Europlatform access rental conference will be held on 7 October 2015 at the Copenhagen Admiral Hotel in Copenhagen, Denmark. This year's theme is "Securing the Future".

Confirmed speakers include Xavier du Boÿs, CEO of Kiloutou; Petri Paavolainen, managing director of Dinolift; Søren Olesen of Danilift (speaking on the truck-mounted market in the Nordic region), Euan Youdale, editor of Access International (speaking on the powered access rental market, covering Access 50 trends and findings from the IPAF rental market reports). Other speakers are: Karel Huijser, general manager and VP EAME, JLG; Nick Selley, group business development director, AFI; and Dino Leistenschneider, executive VP - Sourcing and Fleet Management, Ramirent.

The conference will be preceded by an evening networking reception on 6 October at the Carlsberg Museum.

More details on the venue and registration are at: www.europlatform.info

Do site managers need more training?

IPAF's recently published US annual magazine *Elevating Safety* debates this subject. This issue features a closer look at how smart technology is advancing the safety of aerial equipment, an interview with IPAF president Andy Studdert, and more.

Printed copies can be obtained by e-mailing usa@ipaf.org or download from the Publications section of www.ipaf.org



Canadian standards for public comment

The Canadian Standards Association (CSA) has issued three NEW standards for public comment:

- **B354.7** Mobile elevating work platforms – Design, calculations, safety requirements and test methods
- **B354.8** Mobile elevating work platforms – Safety principals, inspection, maintenance and operations
- **B354.9** Mobile elevating work platforms – Operator (driver) training

As part of IPAF's mission to promote the safe and effective use of powered access equipment and to represent members, North America manager Tony Groat has been actively involved with the development of these standards. His industry experience and willingness to invest endless

hours of work have resulted in him becoming the vice-chair of the B354 technical committee, chair of the B354.8 and .9 sub-committees, and sub-committee member of the .7 committee.

"Hundreds, if not thousands of man hours have been invested by many industry volunteers who contribute to these committees," said Tony Groat. "To bring forward a consensus standard that speaks for all industry stakeholders is one step short of a miracle. No one gets everything they want, but everyone gets a standard that improves the safety for all involved."

While Tony can provide a broad voice for IPAF members when participating in the

committees, all should take the opportunity to personally review these standards and ensure any specific issue or concern is heard by the committee in this final review of the standards prior to publication. Comments will be accepted until 5 October 2015.

To review the draft and post comments, please visit CSA Group Public Review site: <http://publicreview.csa.ca/Account/Login>

Sign in; if you do not have a password, click "register". Once in the site, type "B354" in the search field and following the instructions to add your comments.

Don't miss this opportunity to review and comment if necessary on one of the more significant changes in our industry standards to date.

IPAF members wishing to comment on standards in general can also e-mail technicalofficer@ipaf.org

Seminar on MEWP technical standards at BICES

IPAF is holding a members' seminar which will bring delegates up to date on technical and design standards relating to MEWPs from across the world.

The seminar takes place on Wednesday, 23 September 2015 from 9:00 to 12:30 at the New Beijing International Exhibition Centre, during the BICES exhibition.

Speakers include:

Tony Groat, IPAF's representative in North America, who has a significant role in the CSA and ANSI AWP standards committees, including the chair of the B354.7 safe use and B354.8 training standard subcommittees and the chair of the new ANSI A92.22 standard subcommittee.

Bai Ri, IPAF's representative in China, who is an experienced member of the SAC TC 335, involved in discussing and drafting standards for elevating work platforms. He has been involved in the drafting of eight standards in China since 2008.

Chris Wraith, IPAF's Technical & Safety Executive based in the UK. Chris is involved in a number of safety and technical safety standards committees and is the chair of the BSI (British Standards Institution) standards committee MHE12/WG1 (Material Handling Equipment 12 is Lifting Platforms, Working Group 1 is MEWPs) which is responsible for UK standards such as BS8460 – the code of practice for safe use of MEWPs.

Updates will be provided on the ANSI (US) and CSA (Canada) standards, the GB (China) standards and the EN (European) standards. There will be simultaneous translation provided in Mandarin. The seminar is sponsored by Exmile.

Details on the programme and registration are at: www.ipaf.org/bices

Exiting safely at height

IPAF has released updated guidance E2 on exiting the platform at height. The document states that MEWPs are specifically designed to lift people to a position where they can work at height safely within the platform and that MEWPs are not designed for the purposes of transfer or



IPAF calculates fatal injury rate to determine MEWP safety

Preliminary fatal injury rate calculations confirm that mobile elevating work platforms (MEWPs) are one of the safest ways to perform temporary work at height and appear to be getting safer. This latest analysis complements IPAF's release of the 2014 MEWP-related accident data and indicates that although the total MEWP rental fleet has increased in size, the fatal injury rate has fallen.

The MEWP fatal injury rate as calculated by IPAF takes into account the following factors:

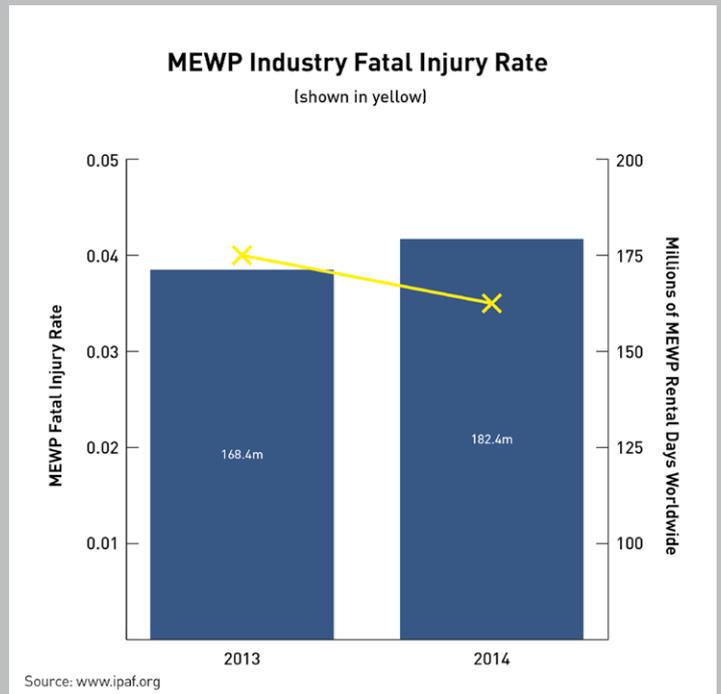
- Estimated rental fleet size, based on the IPAF Powered Access Rental Market Reports
- Estimated average utilisation rates per country and worldwide (utilisation rate is defined as the share of the fleet out on rent at any time over a year)
- Average days worked per year (5 days a week for 50 weeks a year)
- The number of fatalities involving MEWPs in a given year, based on the IPAF accident reporting project

Presenting the research, Chris Wraith, IPAF technical & safety

executive, noted that IPAF is calculating the fatal injury rate based on the number of MEWP fatalities worldwide against the MEWP rental fleet worldwide and estimated utilisation rate, as no accurate data is currently available on the total number of end-user owned machines and their utilisation rate. He said, "Comparing fatalities across the whole industry with the total fleet size will most probably bring down the fatal injury rate, so IPAF is currently taking a more conservative approach to the question, 'How safe are MEWPs?' and this is an initial attempt to measure and quantify MEWP safety."

Based on the estimated rental fleet size, the average utilisation rate and the average days worked per year, the number of days a rented machine was operated per year was estimated at 168.4 million worldwide for 2013. Taken with the 68 reported MEWP fatalities worldwide in 2013, the fatal injury rate (i.e. the number of fatalities per 100,000 days a rented machine was operated) was estimated at 0.040. For 2014, the number of days a rented machine was operated per year was 182.4 million and the number of reported MEWP fatalities was 64, to give a fatal injury rate of 0.035.

The MEWP fatal injury rate was put into perspective with other existing data on accidents and fatalities worldwide. Information published by official bodies based on accidents as a proportion of workforce was found for France, Singapore, the UK and the US concerning the number of fatalities due to falls from height per 100,000 workers and the number



of fatalities at work per 100,000 workers.

The comparison with fatal injury rates due to falls from height and fatalities at work showed MEWPs to be a safe way to work at height. In the US for example, the MEWP fatal injury rate per 100,000 of the workforce in 2013 (the most recent year for which data is available) was 0.03, whereas the fatal injury rate per 100,000 of the workforce due to falls from height was 0.4 (the number of fatalities due to falls from height involving MEWPs was excluded from this figure) and the fatal injury rate per 100,000 of the workforce due to fatalities of any kind at work was 3.27 (the number of fatalities involving MEWPs was excluded from this figure).

The MEWP fatal injury rate was reviewed against other relevant industry sectors. However, the research found little commonality between industries in the way that fatalities are reported or tracked. All calculations and comparisons have been checked and validated by Ducker Worldwide, a primary research-led industrial market research and consulting company specialising in construction equipment and materials.

IPAF's accident reporting project, launched in 2012, is gradually creating a comprehensive record of

known accidents. Newly released figures reveal that there were 64 MEWP-related fatalities in 2014. IPAF's Rental Market Reports estimate the worldwide MEWP rental fleet at more than 1.1 million (www.ipaf.org/reports).

The 2014 accident figures indicate a small decrease from that for 2013, which have been re-adjusted upwards in the light of new information to show 68 MEWP-related fatalities in 2013. This gives a fatal injury rate of 0.035 in 2014 compared to 0.040 in 2013. Analysis of the 2014 data reveals that falls from height and overturn remain the two main causes of fatal accidents.

The accident data gathered enables IPAF to improve the content of training programmes, to develop technical guidance, to target specific high-risk professions or activities, and to provide research findings used to influence standards.

All manufacturers, rental companies, contractors and users are encouraged to report any known accidents (not just fatal and serious accidents) involving MEWPs and MCWPs (mast climbing work platforms) worldwide at www.ipaf.org/accident. This information is used to make the powered access industry even safer than it is today.

exiting at height.

The document outlines criteria for exceptional cases where MEWPs may be used to gain access to or from a work area at height, where exiting the platform at height may be permitted, what hazards should be considered in the risk assessment, and what control measures should be taken.

The guidance is available at the Publications/Technical Guidance section of www.ipaf.org

Guidance illustrates the correct way to exit the platform at height where necessary.



IPAF at ICUEE



IPAF will be at booth 3429 at the ICUEE utility equipment expo from 28 September to 1 October 2015 in Louisville, KY, USA. The Federation will highlight that operator training is the starting line and the use of AWP's must be planned, managed and supervised to ensure safe and effective work at height.

IPAF at Excon



IPAF will be at the construction equipment exhibition Excon in Bangalore, India from 25 to 29 November 2015. Visit IPAF at stand 1273, hall 4.

Save the date: IPAF Summit and IAPAs on April 4, 2017

The 2017 IPAF Summit and International Awards for Powered Access (IAPAs) will take place on 4 April 2017. The venue will be announced on 17 March 2016 at the end of the 2016 IAPAs, which are being held in Madrid, Spain.



www.iapa-summit.info

New Members

IPAF welcomes the following new members. Full contact details can be found in the Membership Directory at www.ipaf.org.

DEALER/DISTRIBUTOR

BMS AS, Denmark
PT Guzzilla International, Indonesia
Tuyet Nga Co Ltd, Vietnam
UP Makine, Turkey

HIRER/DEALER/TRAINING

Universal Plataformas Aereas SL, Spain

HIRER/RENTAL

Eastman Logistics & Infrastructure Pvt Ltd, India

HIRER/RENTAL (GROUP)

Hertz and Dayim Equipment Rental LLC, Qatar

HIRER/RENTAL/TRAINING

DK Rental NV, Belgium

MANUFACTURER

Zhejiang Noblelift Equipment Joint Stock Co Ltd, China

MANUFACTURER (GROUP)/ TRAINING

Socage do Brasil Ltda, Brazil

SERVICE

High Access Technology Machinery Research Institute Co Ltd, China
Velosi Certification Services LLC, UAE

TRAINING

Carl Graves t/a Shear Training and Consultancy, UK
Severfield UK Ltd, UK
Stichting Vakcentrum Savantis, Netherlands

TRAINING CENTRES

Davis Access Ltd, UK
DK Rental NV, Belgium
Nationwide Platforms Ltd, UK
Skyjack Brasil, Brazil
Socage do Brasil Ltda, Brazil

CAP ASSESSMENT CENTRE

Hire Safe Solutions, UK

IPAF Diary 2015

IPAF will be at these events:

17 – 19 September
OneBuild, Kuala Lumpur, Malaysia

18 September
Joint DOSH-IPAF Seminar, Kuala Lumpur, Malaysia

21 September
International Rental Conference, Beijing, China

22 – 25 September
BICES, Beijing, China

22 September
IPAF Member Networking event, at BICES, Beijing, China

23 September
IPAF Member Seminar on MEWP Design Standards, at BICES, Beijing, China

24 September
IPAF UK Country Council Meeting (members only), Hinckley, UK
Manufacturers' Technical Day (for instructors), Grantham, UK

28 September – 1 October
ICUEE, Louisville, KY, USA

29 September – 1 October
Work Safe Asia, Singapore

29 September
IPAF Swiss Country Council Meeting (members only), Worob, Switzerland

30 September – 1 October
Joint Meeting of FEM MEWP Product Group and IPAF Manufacturers' Technical Committee (open to FEM and IPAF manufacturer members), Paris, France

1 – 3 October
GIS, Piacenza, Italy

6 October
IPAF Council Meeting (members only), Copenhagen, Denmark
Meeting of IPAF Country/Regional Council Chairs (members only), Copenhagen, Denmark

7 October
Europlatform, Copenhagen, Denmark

13 – 15 October
BuildTech Asia, Singapore

13 October
ISDER Rental Summit, Istanbul, Turkey

14 – 16 October
Ambiente Lavoro, Bologna, Italy

15 October
UK Member Event, Harrogate, UK
UK Professional Development Seminar, Harrogate, UK

16 October
IPAF Rental+ Meeting, Harrogate, UK

21 – 24 October
CONEXPO Latin America, Santiago, Chile

21 October
IPAF Conference at CONEXPO Latin America, Santiago, Chile

27 – 30 October
A+A, Düsseldorf, Germany

29 October
IPAF Brazilian Country Council Meeting (members only), São Paulo, Brazil

Did you know? Details on IPAF meetings and events can be found at www.ipaf.org/events

Aerial platforms + IPAF trained operators = Safe effective work at height Platformas ecurado ed efficace Hubarbeitsbühnen + IPAF geschulte Bediener = sicheres und effektives Arbeiten
Piattaforme aeree di lavoro + Operatori formati da IPAF = lavoro in altezza sicuro ed efficace



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The world authority in powered access • Die weltweiten Experten für den sicheren Betrieb von Arbeitsbühnen
La référence mondiale des Plates-formes et Nacelles élévatrices • L'Autorità mondiale nell'accesso aereo
Autoridad mundial en técnicas de altura • De wereldwijde autoriteit in hoogwerker toegangstechniek