

Why Turner Access Ltd is the best in its sector?

Winning last years competition is a good indicator to start with.

This achievement provided our company with an enormous boost and a resolution to represent the decision made by demonstrating what we do to be the best. To do this we expanded "Best Practice" in the most important aspect of what an Access and Scaffolding specialist does day and daily. Erecting, Dismantling and Altering scaffold structures.

This presentation will not only talk about "Best Practice" it will show how this has been, and is achieved. (Something which we are certain no other company can yet provide in detail, and something (detail) which is necessary, within any safe system of work - for personnel to follow)

Our submission will also compare our methods against the Industries latest published practice, look at that practical content, not only in comparison with ours, but also in relation to what the Statutory Regulations now require through the new "Work at Height Regulations 2005".

From this the reader will see what "Best Practice" actually is, in relation to Scaffold Erection, Dismantling and Alteration and be in a position to measure both methods within the Hierarchy, to find that only ours meets the goal setting standards required, to PREVENT the risk of fall under Regulation 6 (3) (the cornerstone of the said Regulations).

In revealing this detail in this competition we wish to achieve two objectives.

- Win this competition again (why not, Brazil win the top prize in football often because they are best at what they do).
- Through winning demonstrate that working as safely as possible leads to beneficial recognition. This will also automatically invite all of our industry to share in this knowledge to prevent the risk of falls.

What better way for the rest of industry to learn of this extremely important information for others to follow and for this excellent competition, to gain even greater credibility and status, in helping to deliver safety improvement that must rate as the most significant ever since scaffolding was first used to build the pyramids. For this as a consequence will save lives and reduce serious injuries.

See page 1 for the Turner Access way and refer to Page 2 for an extract from NASC Safety Guidance SG4 and 23.

Please also consider the following extract from the most recently produced NASC Safety report.

The number of falls from scaffolding at 4m or above, the point at which a scaffolder should be clipped on was 9, and the number of falls from scaffolding at a height of below 4m, was 11

Our method prevents the risk of fall at all heights from the ground up including heights below 4m.

We also include the Hierarchy itself with our method and that of the rest of industry with its practical detail listed against the level achieved, pages 1 & 2.

Page 5 is indicative of how we continue to seek improvement and the heading highlights the importance we place on Health and Safety.

Our companies performance is perhaps best illustrated by our published results ending April 2005, whilst profit percentage to turnover and return on capital is likely to be the as good as any if not the best (relatively) in our industry, we can be confident of one thing, this years results will be even better.

This statement also recognises how important it is for the credibility of this competition, to pick a company best in their business that not only truly delivers on health & safety but also commercially and is certain to be here when the competition is run again next year.

Our supporting page 3 includes comments from some of our customers.

With respect to training here again we are ahead of any others in relation to course content.

To ensure that the aforementioned can be applied and our operatives properly trained, we have developed our own comprehensive training courses covering the entire main scaffold types illustrated, incorporating the fall prevention measures which we have produced.

Turner Access Ltd

(Please refer to the list of structures – top of page 2 covered by precise method detail versus that now produced by the Industry, as previously mentioned in SG4 & SG23).

This has led to the HSE in combination with PASMA adopting our methods in their recently released “*Don't Fall For It*” video in which our personnel, equipment and methods are featured.

The message from the HSE and PASMA is clear “- if erectors are to meet the requirements under WAHRs, then our methods should be followed.”

CITB Have now also invested in our systems for use in scaffolder training. Chris Barrett National Training Manager “CITB at Bircham adopted the Turner Fall Prevention System, initially to trial this with Tube & Fitting” See comments on page 3.

Finally what project do we feel particularly proud about?

From a company who now hold world records for the fastest, highest and longest Access structures (details on www.turner-access.co.uk, we take great pride in all projects that we carry out, but included in this entry is a dismantle photograph of one our projects – known as *Portcullis House*, headquarters of Customs and Excise Glasgow.

This project was completed in December 2005.

The photographs show our fall prevention methodology – **PlusGard** in action.

The structure approximately 22m high was built to 3 sides of this very high building situated at one of Glasgow’s busiest locations at Charing Cross.

This city centre site overlooks the most major route in Scotland positioned above the M8 entrance section to the Kingston Bridge which crosses the River Clyde.

Pedestrians and Traffic were therefore live during Erection, Dismantling and alteration works carried out throughout a period of 18 months during which the scaffold was in use for our client Mowlem.

Their Client, the Scottish executive required strict security on this Customs and Excise building at all times.

The structure was designed to account for minimum tie positions despite the scaffolds height and sheeting that was added to the structure.

In certain areas the scaffold had to either span over low flat roofs or be constructed from flat roof buildings limited in their load bearing capability.

Our design (carried out internally) therefore had to take account of the affects of all of these factors while considering the surrounding environment of this high profile location.

We are delighted to report another successful outcome and satisfied customer.

Gary Gallagher
Managing Director
30 Jan. 06

Prevent the Risk

The Turner Access Advance Guardrail Solution (with PlusGard™, the company's own invention)

From the ground up, even at the first level, the operative using Turner Access method is no longer exposed to the danger of falling. He can now enjoy the same protection for himself as the user for whom he builds, not only eliminating, in most normal applications, the need for harnesses but also increasing the speed of work because of the now secure environment. Our method provides guardrail protection from the base level, all the way up and all the way down. It works not only while building and dismantling, but also while altering scaffold and alloy structures. Our fall prevention method can be inserted at any level and operated easily by one man.

As safety measures evolve, the role of harnesses needs to be re-evaluated. We will never fully eliminate harnesses, they will always have a place in the access industry; indeed the installation Safespan, of one of our most successful products, could not be achieved fully without the use of harnesses. However the best practice of the NASC and the new regulations state that we should achieve the highest levels on the hierarchy of measures in the WAH regulations and our method uses a system which is at the highest level for temporary equipment.

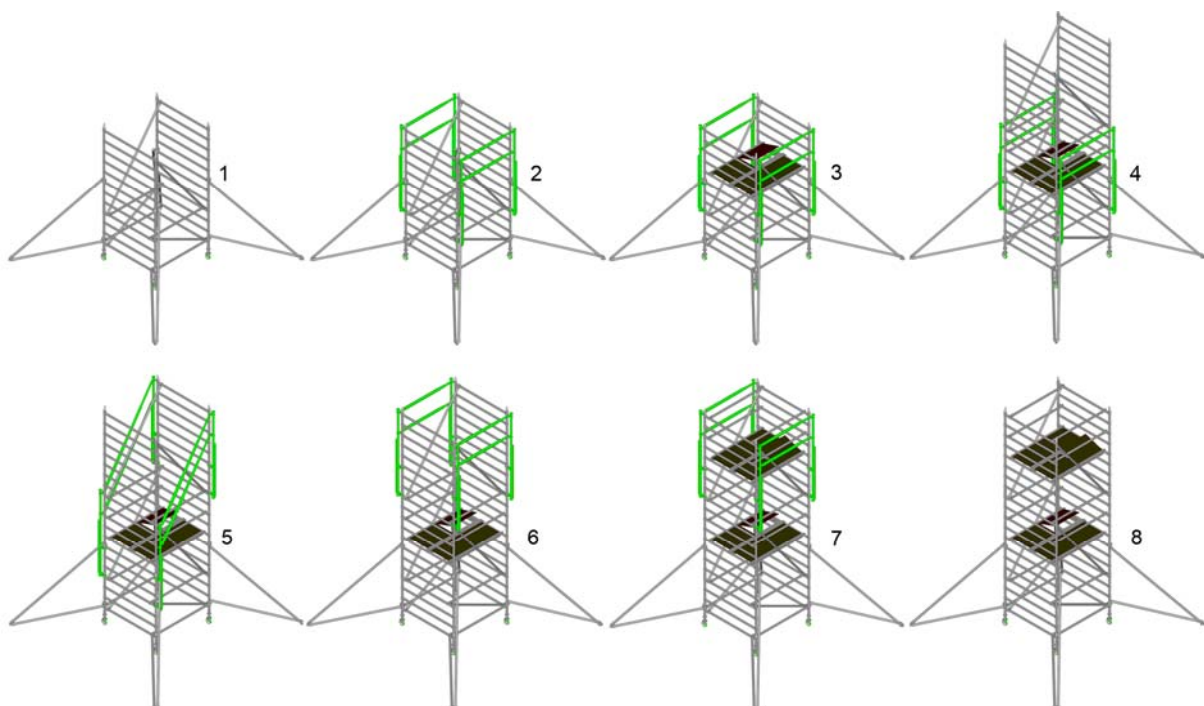
One of the problems with harnesses is that they are ineffective at heights of 4m and below; however, this is the height range in which 55% of falls occurred last year. (Source: NASC health & Safety Report) Harnesses also carry the risk of injury/death from suspension trauma. Our method eliminates both of these problems.

Work at height Regulations – Hierarchy

1. Avoid (design, cast, crane, extensions etc)
2. Prevent (existing- Flat roof with PEP, Oil p/f)
3. Prevent (using COLLECTIVE equipment) – **Turner Access level**
4. Prevent (using PPE in a way that prevents)
5. Mitigate (collective to minimise distance and consequences -nets, cushioned bags close under)
6. Mitigate (to minimise distance - PPE) – **Normal practice, currently being achieved in practice as detailed in SG4 & SG23 relying primarily on mitigation at best**
7. Mitigate (to minimise consequences - collective)
8. Mitigate- through Training & Instruction

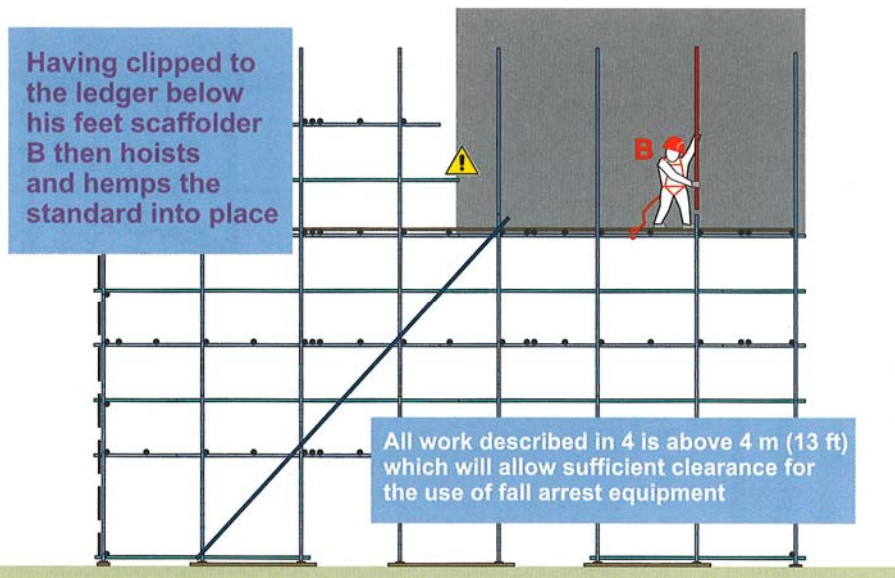
Below: PlusGard build sequence on an aluminium tower

This simple illustration has been chosen for clarity. It shows the build sequence of the advanced guardrail and further illustrations are available to show that all of the main scaffolding types have now been solved (please also refer to the next page)



Scaffold types in which fall prevention using our collective measures is achieved compares with the list of scaffold types using **harness**, where fall is still possible, provided in practical detail by NASC SG4/ SG23

Build Type	SG4 & SG23 using Harnesses	Turner Access method using PlusGard advanced guardrail
Fully decked tied wall scaffold	✓	✓
Fully decked freestanding wall scaffold	✗	✓
Single lift decked tied wall scaffold	✗	✓
Single lift decked freestanding wall scaffold	✗	✓
Static towers (all configurations) tied and freestanding	✗	✓
Mobile towers (all configurations) tied and freestanding	✗	✓
Birdcage scaffold	✓	✓
Cantilevered structures	✗	✓
Buttressing erection	✗	✓



26 4.3.2

Above:

Extract from note SG4:00

Harnesses being used on a wall scaffold, note that the harnesses although somewhat (ie still allows fall) effective at this height would not be useable on the lifts below.

Compare this with the image right:

The **green rails** are the advance guardrails; note that there is no need for harnesses. This shows the scaffolders protected from a fall at **all** heights. The advance guardrail also eliminates the risk of injury/death from suspension trauma, possible in the event of a fall using harnesses, therefore and additionally negates the need to produce a rescue plan.



Important Note

Our submission makes reference to NASC SG4 and SG23.

We recognise the importance of the Confederation and the excellent work that is provided; indeed we are ourselves, honoured to be part of this trade association.

Therefore in using the NASC Guidance in comparison to our own practice we do this with every respect for the NASC recognising them as industry leaders in their own right.

However from our study of SG4 05 we can see no significant change in practical detail provided and understand this to have been produced largely for Management use only as an overview.

It is also hoped that this submission will encourage the NASC to adopt our practices as Best Practice.

Customer Comments:

Morrison Property Care (Main service provider for North Lanarkshire Council)

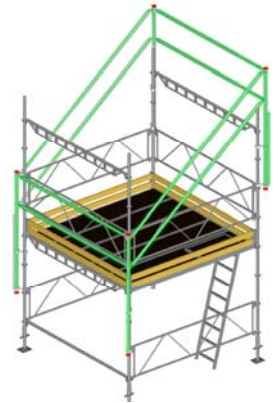
It gives me great pleasure to confirm that MPC have worked in conjunction with Turner Access over the past few years and have found their service to be very professional.

In particular, service areas. Levels of service have been to a very high standard.

All correspondence relating to MCP hire from Turner Access is always found to be accurate, ie invoicing, deliveries, service details etc.

Turner Access is a highly efficient and competent contractor. They are also obviously safety led in everything that they do and their end product is quality at its best.

Should you require any further information please do not hesitate to contact me on the above telephone number



PlusGard on a freestanding tower

Derek Meek

(Operational Support Service Delivery Manager)

McCallum & Craig (Glasgow building contractor)

When we employ a sub-contractor, their system of work becomes our system of work; under regulations that now come under the Health and Safety at Work act.

In turn our Client is as responsible for our System of work as we are; we are all duty holders with respect to CDM and Work at Height Regulations. Turner Access provides a service to us which eliminates our concerns in this critically important area.

Stuart McCallum (Director)

East Dumbarton Council

Regulation 4 of the "work at Height Regulations 2005" impose a duty on me to ensure organisation, Planning and that the most appropriate selection of equipment is made - that's why I employ Turner Access. Their entire approach is based around professional planning and organisation and their equipment is unique in its ability to deliver the results that we seek, at this time"

Steve Coyle (Building & Works Supervisor)

CITB at Bircham

CITB at Bircham adopted the Turner Fall Prevention System, initially to trial this with T&F.

To this end we were successful and we now have a **collective** system of work for our Trainees.

During our early research, we were successful in incorporating the system for use in Alloy Towers.

This success was fed back to Turners and then to the rest of the Industry via, specification at T5, followed by PASMA and The HSE becoming involved. Naturally we are proud of the part we have played in this practice, which can truly be claimed as Best

Chris Barrett (National Training Manager)

Portcullis House - Customs and Excise - Glasgow City Centre



The photographs show our fall prevention methodology – **PlusGard** in action at the rear of the building.

This sequence shows **PlusGard** the advanced guardrail system being used to dismantle the scaffolding on **Portcullis House**.

The structure approximately 22m high was built to 3 sides of this very high building situated at one of Glasgow's busiest locations. This city centre site on front overlooks the most major route in Scotland. Pedestrians and Traffic were live during Erection, Dismantling and alteration works carried out for our client Mowlem.

Memorandum Turner Access Ltd

To: Gary Gallagher

CC: Stuart Mc Lean, Willie Hattie, Stuart Duncan, Donnie Hart, Robin Cochrane, Alistair Lang, Dougie Mc Combie, Ian Henderson, John Griffiths.

From: Jim Church.

Date: 31/01/2006

Re: Leading the Business by Health & Safety Improvement. Safety Representatives and Safety Committees Regulations 1977

CONFIDENTIAL

Good Afternoon All.

It is my intention to hold a Safety Committee Meeting on a monthly basis starting in February, this meeting will be conducted formally with me chairing the proceedings, and recording the minutes, the Agenda for each meeting will be as listed below.

Previous Minutes

Review of Previous Minutes/Matters Arising

Review of any New/Revised H.S.E. Legislation/Guidance, or Relevant Safety Issues arising from reputable sources.

Accident / Incident Review

Employee Competence (Health & Safety)

Identification of H&S Training/Re-training needs within Turner Access Ltd.

Audits/Inspection Review

Environmental Issues

AOB

The proposed venue will be the Training Room, and Meetings will be scheduled on, or about the second Tuesday of each Month. Notice of impending meetings will be posted on the relevant Information Boards; this will give others out with the Committee Members the opportunity either to attend in person, or submit Questions, Proposals, or Comments through any Committee Member.

Detailed minutes of each meeting will be posted on Notice Boards after the meeting dates, further to this, these minutes should be used as the topic of a Tool Box Talk, where Managers and Supervisory Charge hands can drive home the information and the concept of Best Practice that we need to encourage throughout our Workforce.

Using this medium, we as managers can rapidly ascertain if our workers are fully aware of the current and forthcoming changes which will effect the way we all conduct our working lives. I would take this opportunity to reiterate that the writer, either before, during, or after this process will be available to discuss any problematic issues which may arise.

To date the composition of the Workforce Health & Safety Committee is as follows

John Donnell

Jim Bradley

Mick Rowan

John McKenna.

Additional Committee Members from our Female co-workers are being actively encouraged to participate.

Best regards,

Jim Church MIOSH. H&S/QMS Manager (Turner Access Ltd)