

**Safety Training Standards & Delivery Fall Protection SME
June 3, 2009**

Invitees	Affiliation	Attend?	Invitees	Affiliation	Attend?
Dave Taylor	Chemfab	Yes	Kevin Mackowski	IOL	No
Blair Allin	Boilermakers	Regrets	Lonnie Cope	Suncor	Yes
Dave Lambert	CSAO	Info only	Gary Krumholtz	Shell	No
Tom Hennessy	IEC	No	Emilio Iacobelli	NOVA	Yes
Tracey Verdone	LamSar	Yes	John Huybers	Curran	Regrets
Victor Horvath	Laborers	Yes	Ron Mombourquette	ALUMA	Yes
Brian Strong	Millwrights	No	Moe Carson	UA	Yes
Doug McKay - Scribe	Kel-Gor	Yes	Shelley Brown	IEC	Guest

Acceptance of Previous Meeting Minutes

Minutes accepted as written

Program Development

Shelley attended in order to review the design template (attached) that the team has developed. The template is similar to the "standard" template developed by this group in how it is organized and outlines the flow of development.

The development team is meeting twice per week. The first meeting was held to discuss the rationale for the program development and evaluation sections. The team then went directly to the evaluation section. They worked on the donning/doffing and discussed the timing associated with various portions of the program. The SME team expressed concern in relation to the overall time commitment for the program including the evaluation phase. We discussed possible ways of reducing the time requirements without reducing the learning. Shelley indicated that the development team felt it was necessary to maintain involvement of the trainees and, as such, demonstrations and direct hands on should be included throughout the program.

The SME team agreed to allow the development to continue to get a better sense of time commitment as it develops. The team is concerned about the overall time commitment.

The next meetings of the development team are scheduled for Friday June 5th from 7:00 – 10:00 am and Wednesday June 10th from 8 – 11.

The team discussed means of both assisting the development team and speeding up the development process and decided that members of the team who developed the objectives sections would be enlisted to provide assistance on the sections they developed.

Doug agreed to put together a schedule and get people to fill in times they are available and the sections they will be involved in.

Discussion Items

The team discussed 2 items at this meeting. They were:

Impact of the 1.8 M standard and Powered Elevated Work Platform requirements in relation to fall protection.

Impact of 1.8 M

There were two main areas where the standard could pose difficulties. They are:

Ladders – Many of the difficulties around working from ladders with the current direction of the MOL become compounded when the 1.8 M standard is used. It means that anyone working from a ladder above 1.8 M would be required to use a fall protection system.

Cranes – There are already issues with some of the larger cranes (daily inspections, cleaning etc.) that would be compounded by the 1.8 M standard because they would affect a larger number of cranes.

The group agreed that there may be issues where workarounds may be necessary in order to meet the intent of the standard. Similar workarounds are used in situations such as Soft Shield Variances, Exiting an Elevated Work Platform and others. The workarounds require significant planning and authorizations in order to implement. Something similar would have to be included in the process for the situations mentioned above.

Powered Elevated Work Platforms

Requirements for PEWP in relation to fall protection will be difficult to narrow down because of the number of different rules in effect at different client sites. The minimum requirement is to comply with the law which requires the use of fall protection when moving a PEWP. The team discussed this at length and decided that the best recommendation to be made with respect to PEWP is:

At all times when working in or operating a PEWP, those involved must use a fall restraint system capable of preventing a fall from the PEWP

For discussion at our next meeting:

Guard Rail Requirements

Finalize timeframe for recertification

Additional Discussion

The team discussed finalizing a response to Dave McGovern of Skyway – our only contributor to the question link on the website. Some of the questions have been further discussed since the initial answer and so we discussed an appropriate response. The response to be posted on the website (and directed to Dave) is as follows:

First, I am curious what implications a standard of 1.8M will have within the community, specifically related to hardware (lanyards). Does this standard require the use of retractable lanyards; or shorter shock absorbing lanyards? Furthermore, has there been any consideration related to the bulky nature of retractable lanyards and the additional weight (if any)? There is a concern with a retractable and the potential back injuries related to the location on the body when not in use (i.e. walking).

The standard does not require the use of retractable lanyards. There is, in fact no requirement for a specific type of lanyard. The standard only requires that an effective fall protection system be used that meets the requirements of a particular situation. The issue of extra weight has been discussed and some members of the team felt that the extra protection would outweigh the extra weight in the right circumstances. Remember that this is an option to be discussed among other options in the development of a fall protection system that is appropriate for the situation.

Second, if a new training program is created and has an expiration date, how will the IEC deal with those people from out of town who carry CSAO training? Will this be recognized or will all persons working the Chemical Valley be required to up date their training? I agree with the expiration date of the training just concerned companies may not be able to get their workforce prepared quickly if they are required to complete additional training (i.e. IEC BSO, H2S, IOL & Fall Protection) especially since this training has been proposed as a 4 hour initial training and 2 hour retraining.

First, this is not an IEC initiative. This is ultimately developed as a team effort involving the Client, the Contractor, the Unions and the IEC. The SME team has discussed the issue of external training of many types and the recommendation has been made to the steering committee that training will be accepted in an interim period as long as the training meets certain basic criteria. This will only be true for a “phase in” period, after which anyone requiring fall protection training will be expected to have been through the standardized training program. The time requirement for the program has not been decided at this point. The 4 and 2 hour items were suggestions only. The development of the program will better define the required amount of time to effectively deliver the standardized course.

The SME team has been sensitive to the requirements for retraining and we have recommended to the Steering Committee that the requirement for standardized training be set at January 1, 2011. This should give sufficient time for Employers and Unions to adjust to the new requirements.

One final item to remember: The notes above are currently recommendations to the steering committee. They will decide on the final requirements based on the SME team recommendations and their discussions at that level.

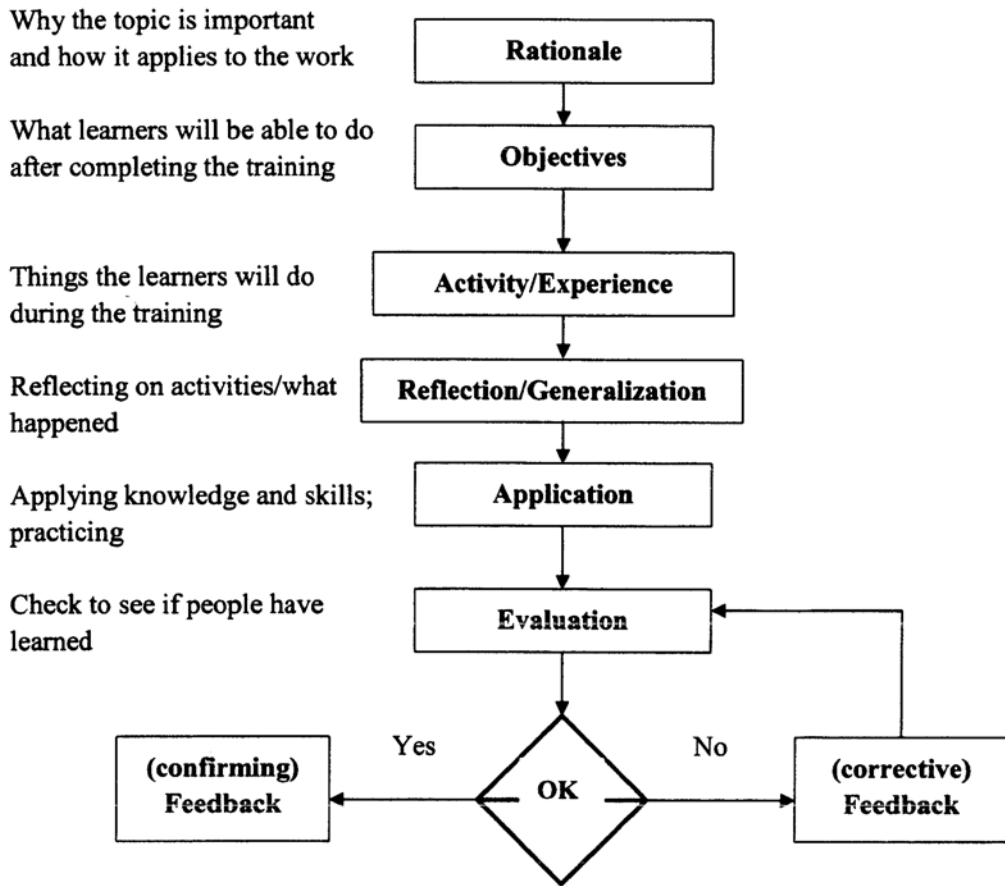
Action Items

1. Doug will put together a “calendar” based schedule indicating the next 2 months of Development Team meetings. Those who can participate should include themselves on the schedule along with the section they are willing to assist with.
2. All to be prepared to discuss/debate the two items listed at our next meeting.

Next Meeting

The team has gone back to weekly meetings. The meetings will be held on Wednesdays from 2:00 to 3:00 – **next meeting June 10 – 2:00 – Meeting room to be determined**

Instructional Design/Program Development Template



Source: *Telling Ain't Training*, Stolovitch & Keeps, ASTD Press/ISPI, 2002

Training Session Planning Worksheets

Program Title:				
Target Audience;				
Time allotted;				
Objectives;				
Process	Do	Say	Resources	Time

PROGRAM DESIGN PROCESS

evidence based

1. Apply adult learning principles to ensure training is learner-centred and performance-based
2. Use learning objectives to design testing instruments (both knowledge-based and practical) – vet testing items with SME teams
3. Draw on combination of info from training aids (Training Standard), objectives, test items to design interesting/informative activities/experiences for learners – vet with SME teams
4. Create alternate activities/experiences depending on learning environment, # of learners, learner familiarity with content, etc.
5. Estimate timeframes for processes/activities
6. Complete remaining portions of experiential learning cycle (i.e. reflecting/generalization, application)
7. Perform pilots/dry runs with SME teams, Steering Committee members, target audience
8. Critique/evaluate pilots; modify/adjust programs
9. Utilize experiential learning as much as possible:
 - Experiential learning takes place when a person is involved in an activity, looks back and evaluates it, determines what was useful or important to remember, and uses this information to perform another activity

- John Dewey