

	Green Book	CSAO	IEC	IOL	Nova East	Nova West	Shell	Suncor	Status
Fall Prevention									
Portable Ladders									
1) maximum length allowed	5 m for a trestle ladder, 9 m for a single ladder or an individual section of a ladder, 15 m for an extension ladder with 2 sections, 20 m for an extension ladder with more than 2 sections	not covered	not covered	7.5 m					Use Green Book as standard, training will reference basics. Anything Client specific will have to be dealt with at the Client site
2) wooden ladder usage	allowed	allowed	allowed	prohibited			prohibited		Will need to be captured at Client sites for specific differences from Green Book
3) working from				tied off over 1.8 m					Group recommending the use of 1.8 metres as a point above which tie off is required for working from a ladder This needs to be discussed with Client group
4) safety cage req'd	where ladder extends over 3 m above grade a safety cage must start not more than 2.2 m above grade	not covered	not covered	where ladder extends over 3 m above grade a safety cage must start not more than 2.2 m above grade					Should be covered in training as a point of information only
5) handrail requirements				extension ladders used over 6 m above grade require side handrail					This is a client specific issue and should be included in training for information only. The training should stress that, regardless of a specific requirement for handrails, 3 point contact must be maintained with the ladder itself.
6. 3 Point Contact									Training must stress 3 point contact with the ladder at all times

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Step Ladders									
1) tied-off	not covered	not covered	not covered	required					Use in accordance with Manufacturers recommendations. Client specific requirements will be handled by site specific training
2) maximum length allowed	6 m	not covered	not covered	6 m					Use Green Book as standard, training will reference basics. Anything Client specific will have to be dealt with at the Client site
Fixed Ladders									
1) when cages required	over 3 m	over 3 m	not covered	over 3 m			3 m		Well defined in regulations. No need to alter. If Clients have a different standard, it would be their responsibility to define.
Scaffold									
1) plank requirements				ends must be painted yellow for ID					This is an item covered by regulation and is specific to carpenters. Any specific requirements by a specific Client would have to be communicated by the Client.
2) guardrail usage	must be in place 2.4 m	must be in place 2.4 m	must be in place 2.4 m	must be in place 1.8 m	must be in place 2.4 m				Discussed reducing this to 1.8 metres This needs to be discussed with Client group
3) grounding requirements				required					
4) tagging system				2 tag system - green, red	3 tag system - green, yellow, red		3 tag system - green, yellow, red		Group recommends 3 tag system throughout the Valley. This needs to be discussed with Client group

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PEWP									
1) when fall protection req'd	when PEWP in motion	when PEWP in motion	when PEWP in motion	at all times			when PEWP in motion		At all times when in a PEWP. The use of different types of protection (non-shock, shock absorbing) should be discussed in training.
2) wind condition limitations				exceeding 17 m/second (38 MPH)					Not discussed as a fall protection issue
3) travel restraint vs. fall arrest in manbasket	safety belt	full body harness	full body harness	harness & lanyard					Training program to include appropriate information on this topic
Fall Arrest									
Fall Restraint									
1) free fall limits	0.6 m	0.6 m	0.6 m	0.6 m	0.6 m	0.6 m	0.6 m		
Fall Arrest System									
1) 100% tie-off	not covered	not covered	not covered	required	required	not covered	required		
2) free fall distance		not to exceed 1.5 m	1.8 m	not to exceed 1.5 m	not to exceed 1.5 m	not to exceed 1.5 m	not to exceed 1.5 m		
3) pendulum swing		covered	covered	not covered in training material	covered	covered	covered		
4) bottoming out		covered	covered	not covered in training material	not covered	covered			

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Fall Arrest System cont'd									
5) buddy system		not in material	not in material	in use	in use	in use	in use		
6) height FP req'd	3 m	3 m	3 m	1.8 m	3 m		3 m	3 m	limit of 1.8 metres is probably appropriate as a Valley standard for fall protection. This needs to be discussed with Client group
7) donning/doffing		not included in training	part of training	part of training		part of training			There should be a component in the training program dealing with donning and doffing of harnesses. Hands on ensures better learning. Employer is responsible for ensuring workers familiar with specific equipment
8) age of harness	not covered	not covered	not covered	after 5 yrs. or involved in arrest must be retired from service	after 10 yrs. or involved in arrest must be retired from service				Appropriate as a general rule to follow the manufacturer's recommendations in relation to expiry dates on equipment.
9) age of lanyard	not covered	not covered	not covered		after 3 yrs. or involved in arrest must be retired from service				Appropriate as a general rule to follow the manufacturer's recommendations in relation to expiry dates on equipment.
9a) type of lanyard									Exhaustive examples to be provided in the training program to provide a point of reference to the trainees.
10) rescue procedure req'd	yes	yes	yes	yes	yes	yes	yes		The group agreed that it is probably appropriate to make this a requirement for use of fall protection equipment in the Valley. This needs to be discussed with Client group
11) inspection requirements	before each use	before each use	before each use	before each use/yearly	before each use/yearly	before each use/yearly	before each use/yearly		
12) suspension trauma		covered	covered	covered in video	covered	covered	covered		
13) cleaning/storage tips		covered	covered			covered	covered		
14) use of relief step device				permitted			permitted		
15) should relief step device be mandatory									
16) anchor points	covered	covered	covered	covered	touched on	covered	covered		
17) lanyard minimum size					1.5 m lanyard of at least 16 mm (5/8") nylon filament rope, 22 mm (7/8") nylon webbing or approved equivalent - must be shock absorbing				
18) vertical lifeline size/material		16 mm (5/8") synthetic rope			18 mm (3/4") minimum made of synthetic fibers	nylon or polyester recommended	18 mm (3/4") minimum made of synthetic fibers		

Fall Protection Gap Analysis R1

	Green Book	CSAO	IEC	IOL	Nova East	Nova West	Shell	Suncor	Status
Notes:		1) Training video, resource material	1) Training only	1) Policy & training video	1) Policy only	1) Training only	1) Policy only	1) Not enough info for analysis	
		2) Material based on the Act and Reg's covers responsibilities, hazards and controls, fall	2) Section on harness selection issues helpful, not addressed in other programs	2) Training video can be used on PC and includes a test and verification form that is automatically generated	2) Good definitions including for hazard assessment, roles & responsibilities	2) Comprehensive fall arrest training - fall prevention, use of ladders, scaffold and PEWP not covered in this	2) Training must include equipment selection, inspection, use and anchor point selection - records	2) Refer to Reg. 85 as standard	
		3) Includes fall protection regulations from Green Book	3) Includes fall protection regulations from Green Book	3) Training must include use, inspection and maintenance of equipment by competent person - records available upon request	3) Training must include equipment selection and use, maintenance, anchor selection, donning and doffing, equipment inspection - records available upon request		3) Roles and responsibilities well defined		
				4) Policy and video combined provide comprehensive training	4) Policy doesn't speak to fall prevention, ladders, scaffold and PEWP use - references other sources		4) Policy doesn't speak to fall prevention, ladders, scaffold and PEWP use - references other sources		