

(Example) Tripod Incident Analysis

Incident Tree	Defences	Unsafe Acts	Pre-conditions	Latent Failures	Fallible Decisions	Recommendation
Walkway constructed	Scaffold approved?		Carpenter qualified to build scaffold/gangway/formwork/rebar/pouring	Definition of gangway (scaffold Y/N)	<ul style="list-style-type: none"> Changing pit design resulted in not using standard system scaffolding. Backfill only after pouring slab (HO opinion) 	Do calculation to see if backfill is possible ASAP.
New subcontractor employee since 30 November 1998 on site	<ul style="list-style-type: none"> Employee qualified; JSA was explained to injured; New employee received registration and induction by subcontractor; Company induction received; Worker has 7 years experience 					
Instruction of day by supervisor: <ul style="list-style-type: none"> remove old; build new scaffold in pit 			No discussion or detailed workplan before dismantling			Start day with 5 min safety work discussion
Work started 06:00 hr (on Saturday 5 December 1998)			Weekly Monday work meeting held: <ul style="list-style-type: none"> by CM/supy/gangleader; no minutes 			<ul style="list-style-type: none"> Start day with 5 min safety work discussion; Use checklist for daily safety hazards
Dismantling walkway started 10:30 hr	JSA issued (dd 08 Oct.1998) related to working on height and narrow spaces	Method of dismantling was unsafe	<ul style="list-style-type: none"> Workgroup/injured not in possession of building walkway permit; Confusion using basket 			JSA: <ul style="list-style-type: none"> use improved (standardized) method; instruction to be written; to be planned on weekly report; employee to sign after reading
Remove wooden walkway		<ul style="list-style-type: none"> basket not used; safety belt not used 	Parts are planned to be reused	Simplicity JSA		Use improved (standardized) method for JSA
Nails removed from top section						
Removal of top beams resulted in tilting walkway						
Employee fell down and was injured	Helmet and protective clothing used					