



Location / Sites: Various	Task / Activity: Working at Height	Personnel: All
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Name: Rob Barker	Position: Rail Operations Manager	Date: Jan 2020	Ref No: ConGEN02
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No	Hazard Identification	Associated risks	Who & Number at risk	Existing control measures	Consequence	likelihood	Current risk rating	Additional controls	Consequence	likelihood	Post risk rate
1	Restricted access/egress	Eye injury Trips, slips, falls Falling from ladder/platform	All	Eye protection/PPE Approved footwear Ladders/platforms safely secured Harnesses/personal lines	4	2	8	Working at height regulations 2005 Excavations/Platforms fitted with guard rails Emergency rescue plan Use of Scaffold Towers, MEWP's, Cherry Pickers, etc. Air bags Signs Training in use of control measures	4	1	4
2	Working off ladders	Falling from ladder	All	Supporting wall and ground to be dry and slip free. 1 in 4 ratio to be utilised at all times Minimum of 1 metre ladder protruding above stepping off point All work to maintain 3 point contact with ladder Ladders to be clean and inspected/certified	4	2	8	Working at height regulations 2005 Segregate from vehicles and pedestrians Boot scrapers to ensure clean footwear Ladders left in situ to be disabled when not in use Short duration, small area work only Ladders not to be used in adverse weather conditions No working alone permitted Secure or remove fragile fixtures and fittings	4	1	4
3	Fragile roofs/structures	Falling from/through fragile roof/structure Electrocution from overhead power cables	All	Barriers, guardrails, covers. Warning signs No working alone permitted	4	2	8	Working at height regulations 2005 Trained and competent persons only Isolation of overhead power cables Non-slip footwear Use of Scaffold Towers, MEWP's, Cherry Pickers, etc. Crawling boards Strengthen roofs and surfaces to take loads Secure or remove fragile fixtures and fittings	4	1	4
4	Failure to provide adequate level or correct position of lighting	Adverse effect on vision leading to slips, trips, falls resulting in fatality or major injury	All	Site work lights to be placed so as to be sympathetic to sighting needs.	4	2	8	Site inspection and re-assessment of lighting impact prior to any adjustment	4	1	4



5	Use of hand tools, power tools and small plant	Flying debris striking worker causing major injury Trips, slips and falls Fire causing loss, damage, major injury	All	Use of eye protection – goggles, etc. Process likely to produce flying debris not to be undertaken in unprotected areas. Area surveyed for possible fire hazards prior to work commencing	4	2	8	Only staff with proficiency certificates and subject to monitoring to be used and such work to be supervised Screens and catch netting Cables/bagging to be routed properly Tools not in use stored properly Appropriate fire extinguisher to be located at site of work Fire evacuation procedure	4	1	4
6	Fall of tools/equipment when working aloft	Damage to tools/equipment, injury to workers/public	All	Induction, working at heights training	4	2	8	Hardhat areas below, competence and familiarity with environment Tool box talks, assessment of competency. Catch netting. Cordon areas adjacent to public and place warning signs	4	1	4
7	Fire and/or explosion	Loss of life/loss of property/major accidents	All	No smoking policy No naked flames Approved footwear and PPE	5	3	15	No smoking policy No naked flames Approved footwear and PPE Planning (control of major hazards) regulations 1999 Fire precautions (workplace) regulations 1997/1999 Fire safety order (October 2006) Construction fire safety CIS 51 Fire and explosion – How safe is your workplace INDG370 issue 4/04 Fire evacuation procedure	5	2	10
8	Poor/change in environmental conditions	Flood landslip Increased risk of fatality, major injury and damage Effect of snow, ice, wind, rain, sunshine, etc.	All	Avoidance of work in exposed areas during times of inclement weather through planning process	4	2	8	Emergency plan to contain inclement weather procedure. Effective serious and imminent danger procedures briefed in and understood Use of anti-slip scaffold boards Sunscreen as required	4	1	4
9	Production of excessive noise	Hearing loss distraction, lack of communication	All	Safe system of work ear defenders	The client companies normally carry out noise assessments. The first action level is 80dB(A) LEPd when workers may request hearing protection which must be provided. At the second action level of 85dB(A) LEPd hearing protection must be provided and must be worn. All rail personnel are provided with hearing protection as part of their PPE issue. Every attempt will be made by NCS to reduce noise levels at source.						
10	Sudden noise	Nervous reaction	All	Safe system of work	3	2	6	Brief of area worked in, removal from area and PPE	3	1	6
11	Waste not removed from site	Vandalism. Items placed across roadways/walkways. Waste used as a projectile/weapon resulting in fatality, major injury, injury Debris being dislodged from height	All	All responsible for inspection of site for poor housekeeping	4	2	8	Re-cycling stations to be established with designated containers/skips. Waste to be removed by approved waste disposal agent. Screens and catch netting	4	1	4



A handwritten signature in black ink, appearing to be 'Rob Barker', is located to the left of the printed name.

Rob Barker
Rail Operations Manager
January 2020