

# 1.b Site Specific Hazard Identification and Control Measures

Use this aide memoir to identify possible <u>line-side</u> hazards	State what/where - listing exceptional & unexpected hazards:	List relevant planned control measures:
The presence and relative dynamic proximity of other hazards and the minimum clearances between the load/s and any other structure which may include walkways, the working on or around structures and other proximity hazards affecting load manipulation and travel?		
Lack of vehicle and pedestrian separation? The need for suitable additional pedestrian crossings, site activities of other contractors impeding/affecting safe movement of the vehicles or pedestrians? Vehicle Reversing? Site activities of other contractors impeding/affecting safe movement of the vehicles or pedestrians? Restricted Visibility- is there a limited Operator field of vision?		
Interfaces with the public highway, necessitating traffic management or road closures, especially during machine/vehicle delivery & collection? Reference Chapter 8 of Highways Regs		
Overhead Power Lines? – see HSE guidance note GS6 from the HSE Website		
Temporary structures, LPG storage areas, positioning of support material, consumables and site control and lighting, either temporary or positioned for significant periods of time?		
Contaminated land and muddy sites, susceptibility to flooding or likely areas of standing water and other drainage problems		

Use this aide memoir to identify possible <u>line-side</u> hazards	State what/where - listing exceptional & unexpected hazards:	List relevant planned control measures:
Environmental hazards including noise, working over water, enclosed spaces especially potential effects of dust and wind which may inhibit operation or necessitate stopping lifting operations when conditions are unsustainable?		
Worksite area pot-holes, weak edges of roadways, excavations, pits, watercourses, spoil heaps, surface irregularities affecting weight limits, and services/obstructions that may affect the safe use of machines?		
Access ground conditions to and from the working location, adequacy of access/egress arrangements for erection & dismantling processes, suitable to vehicle dimensions and tolerances and capable of withstanding the vehicle imposed axle loads? -		
Edges and steep gradients; possibility of edge collapse and/or unintentional vehicle movements?		
Any sub-surface works or services e.g. culverts, drains which may affect the safe operation of cranes. The site of the crane/s & outriggers, the position of the crane/s and of the load/s before, during and after the lifting operation/s		
Any 'non-routine' lifting activities required to be carried out by lifting machines such as Tele-handlers, Lorry-Loader (Hiab) or fork-lifts, especially those using traditional lifting accessories such as grabs, hooks, slings & chains which may require additional organisation, planning and control?		
Material in bags, potential overloading?		
Associated planned Contract Lifting activities and interfaces between civil construction and rail infrastructure activity/methodology and contingency		
Others?		



Use this aide memoir to identify possible track hazards	State what/where - listing exceptional & unexpected hazards:	List relevant planned control measures:
Proximity hazards such as over-bridges, guard-rails retaining walls bridge parapets, over-head power & telegraph cables?		
Proximity hazards to near line-side operations including machine access routes? Including non-rail mounted machines, vehicles, cranes and equipment?		
Point Sets and S&C, Level Crossings, Platforms?		
Signal posts, masts, Fixed Track Installation Components?		
Bridge structures, viaducts & under bridges particularly with longitudinal timbers. Location:		
Poor rail-head conditions, alignment & low adhesion factors? (include assessment of works processes that could lead to poor track/rail head conditions)		
Overhead Line equipment, 3rd or 4th Rail inc adjacent lines?		
Adjacent Line movements & Live running lines alongside?		
Effects of Cant & Super Elevation on Crane Operations?		
Others?		