

Construction COVID-19 Risk Assessment

Introduction

This method statement describes the activities involved in the management on site of the Covid-19 risks facing site and precautions to follow.

2. Guidance note

Construction leaderships councils (Site Covid-19 Procedures)



Construction
Leadership Council:

3.

Description of Work (Method Statement Title):		RISK ASSESSMENT FOR COVID-19 SPECIFIC GUIDANCE AND MANAGEMENT								RAMS Ref. No & Issue:							
Site and Location of Work:						Assessed By:				Project No:							
Number of Persons at Risk		EMP	CON	PUB	VIS	Signed				Assessed On Site By:							
						Date of Assessment:				Review Cycle:		Weekly					
Code – Persons at Risk:		EMP – Employer (NG)		CON – Contractor (Kier-Siemens)		PUB – Public		VIS – Visitor									
Code – Severity: Code – Probability:		Fatalities = 4 Frequent = 5		Major Disability = 3 Probably = 4		Minor Injury = 2 Occasional = 3		No Injury = 1 Possible = 2 Improbably = 1		Risk Rating (RR) Scale: Low Risk = 1 – 6 Medium Risk = 7 – 11 High Risk = 12 – 20 (No Work May Proceed with RR above 6)							
Hazard Ref. No	Task	Hazard Identification & Foreseeable Risks, Government Guidelines				Without Controls		Additional Site Specific Control Measures to Reduce Risk on Site				Monitoring Measures		With Controls			
						S	P							RR S x P	S	P	RR Sep.
1	Access to site, monitoring of staff, management of staff, and the imposing of Self- Isolation	(Hazard of arriving at site with the Virus and cross contamination) “Anyone who meets one of the following criteria should not come to site: Op has a high temperature or a new persistent cough - follow the				4	4	16	Ops with family to maintain government guidelines on isolation, refer to reference information attached. Medical based risk assessment to be carried out, all high- risk ops to stay at home. Any op identified as living with, or regular contact with high risk person, person under shielding arrangements to stay at home.				Site Team to monitor and enforce		4	2	8

		<p>guidance on self-isolation</p> <p>Op is a vulnerable person (by virtue of their age, underlying health condition, clinical condition or are pregnant)</p> <p>Op is living with someone in self-isolation or a vulnerable person."</p>				<p>Personnel who are deemed as high risk by the government, must not attempt to attend work.</p> <p>Personnel to travel in own vehicles, no sharing of vehicles to and from work</p> <p>Details of travel/site requirements to be provided to all Siemens staff and subcontractors by their line Managers before re-commencement of the various projects</p> <p>Security guard will be issued with face mask exchanged daily and latex gloves,</p> <p>Names of personnel attending site to be provided to site security on a daily basis.</p> <p>Security must stand back two meters from any vehicle while obtaining the occupants details, driver must have window down on vehicle to ensure communication is clear. Under no circumstances must the occupant have to sign in or out on the register this must be completed by the site security</p>				
2	Procedure if operative or site visitor falls ill during work	<p>(Hazard of falling ill with the virus within the workplace and the risk of cross contamination)</p> <p>"If a worker develops a high temperature or a persistent cough while at work, they should, follow the governments below guidelines and abide by the control measures detailed overleaf</p> <p>1) Return home immediately</p> <p>2) Avoid touching anything</p> <p>3) Cough or sneeze into a tissue and put it in a bin, or if they do not have tissues, cough and sneeze into the crook of their elbow."</p> <p>Then wash hands with soap for at least 20 seconds under hot water</p>	4	4	16	<p>Operative who raises concern over temperature of shows signs of deterioration, undue tiredness, of visible signs of fever, will be asked to return home or to the digs for self-isolation purposes.</p> <p>They must then follow the guidance on self-isolation and not return to work until their period of self-isolation has been completed.</p> <p>Operative to risk assess the persons at home and to decide if home or digs is the most suitable location for social distancing.</p> <p>Operatives unable to travel by their own accord, but who do not feel they need medical help shall be transported by a member of the team who is equipped with a face mask and latex gloves, this operative will then be given time to clean with antibacterial sprays and wipes their vehicle to prevent further possible spread.</p> <p>Any tissues, clothes used will be placed by the suspected operative into black bags and disposed of after 72 hrs</p>	Site Team to monitor and enforce	4	2	8
3	Site Access Points, access to the AGI from the compound	(Hazard of the transporting of the virus across site and the cross contamination of others)	4	4	16	<p>All access to the work areas now stopped for none essential site ops, gangs to be split into three ops per gang, 2m rule to be applied and supervised by the SCO,</p>	Site Team to monitor and enforce	4	2	8

		<p>"Stop all non-essential visitors to the site, access for none essential visitors suspended</p> <p>Introduce staggered start and finish times to reduce congestion and contact at all times</p> <p>Monitor site access points to enable social distancing – you may need to change the number of access points, either increase to reduce congestion or decrease to enable monitoring</p> <p>Remove or disable entry systems that require skin contact e.g. fingerprint scanners</p> <p>Require all workers to wash or clean their hands before entering or leaving the site</p> <p>Allow plenty of space (two metres) between people waiting to enter site</p> <p>Reduce the number of people in attendance at site inductions and consider holding them outdoors wherever possible</p> <p>Drivers should remain in their vehicles if the load will allow it and must wash or clean their hands before unloading goods and materials."</p>				<p>3m rule from plant to be maintained.</p> <p>Gangs to stagger access to and from the AGI to maintain segregation.</p> <p>Ops to wash their hands-on access and egress to the AGI, work gloves to be worn at all times and kept in the pocket of the individual when not in use in the canteen, latex gloves to be used in the canteen.</p>				
4	Office Access	<p>(Hazard of transporting the virus into the office/Welfare and the cross contamination of others and work surfaces)</p> <p>"Regularly clean common contact surfaces in the office, access doors and delivery areas e.g. scanners, screens, desks, particularly during</p>	4	3	12	<p>Surfaces to be cleaned routinely after use, with cleaning spray, or soap and water. All copier screens keyboards, etc to be wiped after use,</p> <p>Deep clean with antibacterial sprays to carried out daily with antibacterial cleaning products.</p> <p>Office to be accessed for purpose, not to be used as an extension to the canteen facilities, of for social interactions,</p>	Site Team to monitor and enforce	4	2	8

		peak flow times				2m rule to be maintained at all times, desks to be identified as individual's workstations to ensure 2m rule and ensure no cross contamination.				
5	Hand Washing	<p>(Hazard of transporting the virus from hand to surface by not abiding to the hand washing guidance)</p> <p>"Provide additional hand washing facilities to the usual welfare facilities if a large spread out site or significant numbers of personnel on site</p> <p>Ensure soap and fresh water is readily available and kept topped up at all times</p> <p>Provide hand sanitiser where hand washing facilities are unavailable</p> <p>Regularly clean the hand washing facilities and check soap and sanitiser levels</p> <p>Provide suitable and sufficient rubbish bins for hand towels with regular removal and disposal.</p> <p>Sites will need extra supplies of soap, hand sanitiser and paper towels and these should be securely stored."</p>	4	3	12	<p>Implementation of hand wash stations at all entrances, this will comply of a hand sanitiser,</p> <p>Provision of latex gloves for use in the kitchen area.</p> <p>Toilets and sinks to have soap and warm water available at all times.</p> <p>Kitchen area, toilets and sinks to be cleaned after each use and deep cleaned once per day using spray bleach, this will include all work surfaces and door handles.</p> <p>Bins to be cleared once a day by the storeman using a face mask and latex or site gloves.</p> <p>Stores to be managed to keep a high stock of soap, hand sanitiser and paper towels</p> <p>Hands are to be washed with soap and hot water for at least 20 seconds</p>	Site Team to monitor and enforce	4	2	8
6	Toilet Facilities	<p>(Hazard of passing and transporting the virus by use of the toilet facilities)</p> <p>"Restrict the number of people using toilet facilities at any one time e.g. use a welfare attendant</p> <p>Wash hands before and after using</p>	4	3	12	<p>Toilets are to be used max 2 at a time to maintain 2m rule, signage to be put up to highlight this rule.</p> <p>(1 urinal / 1 cubical at any one time max)</p> <p>Operatives to ensure high levels of hygiene are maintained with the washing f hands both prior to using the facilities and afterwards.</p>	Site Team to monitor and enforce	4	2	8

		<p>the facilities</p> <p>Enhance the cleaning regimes for toilet facilities particularly door handles, locks and the toilet flush</p> <p>Provide suitable and sufficient rubbish bins for hand towels with regular removal and disposal."</p>			<p>All urinals are to be taped off to prevent use</p> <p>If the toilet block has 3 cubicles, the middle cubical shall be taped off to ensure a buffer between the two out cubicles</p> <p>A deep clean will be carried out daily using antibacterial products and spray bleach cleaner</p> <p>Rubbish will be placed in the bins provided and emptied to the skip daily by the storeman wearing a mask and gloves</p>				
7	Canteens and Eating Arrangements	<p>(Hazard of passing the virus and cross contamination of others during breaks)</p> <p>"The workforce are required to stay on site once they have entered it and not use local shops.</p> <p>Dedicated eating areas should be identified on site to reduce food waste and contamination</p> <p>Break times should be staggered to reduce congestion and contact at all times</p> <p>Hand cleaning facilities or hand sanitiser should be available at the entrance of any room where people eat and should be used by workers when entering and leaving the area</p> <p>The workforce should be asked to bring pre-prepared meals and refillable drinking bottles from home</p> <p>Workers should sit 2 metres apart from each other whilst eating and avoid all contact</p> <p>Where catering is provided on site, it should provide pre-prepared and wrapped food only</p> <p>Drinking water should be provided with enhanced cleaning measures of</p>			<p>The workforce will bring their food and drinks to site, once on site they will remain on site for the duration of the shift.</p> <p>Breaks will be split into two half hour breaks to ensure that the canteen does not capacitate more than 4 operatives at any one time and the 2m rule will be enforced within the canteen.</p> <p>The drying room will only carry 3 operatives at any one time and it will take the time required for all ops to change, clothing will be hung 2m apart with each operative having an assigned peg.</p> <p>Hand sanitiser will be provided in all welfare facilities and latex gloves available for the ops.</p> <p>Tables to be cleaned with soap and water after use and a deep clean will be carried out daily requiring a 40min stand down at the end of each shift.</p> <p>The bins will be emptied daily by the storeman using a face mask and gloves</p>	Site Team to monitor and enforce			

[illegible]

8	Changing Facilities, and Drying Rooms	<p>(Hazard of transportation of the virus and cross contamination)</p> <p>“Introduce staggered start and finish times to reduce congestion and contact at all times</p> <p>Introduce enhanced cleaning of all facilities throughout the day and at the end of each day</p> <p>Consider increasing the number or size of facilities available on site if possible</p> <p>Based on the size of each facility, determine how many people can use it at any one time to maintain a distance of two metres</p> <p>Provide suitable and sufficient rubbish bins in these areas with regular removal and disposal.”</p>	4	3	12	<p>Operatives will get changed three at a time in the drying room while maintaining the 2m rule.</p> <p>Operatives will have their own peg identified and 2m away from the next operative. No PPE shall be shared on site.</p> <p>The stores will be stocked with suitable PPE and it will be handed over on a risk basis with old PPE bagged for washing.</p>	Site Team to monitor and enforce	4	2	8
9	Avoiding Close Working	<p>(Hazard of cross contamination and the transportation of the Virus)</p> <p>“Non-essential physical work that requires close contact between workers should not be carried out</p> <p>Work requiring skin to skin contact should not be carried out</p> <p>Plan all other work to minimise contact between workers</p> <p>Re-usable PPE should be thoroughly cleaned after use and not shared between workers</p> <p>Single use PPE should be disposed of so that it cannot be reused</p>	4	3	12	<p>The 2m rule will be maintained and enforced on site,</p> <p>Tasks will be planned and carried out to maintain the 2m rule, any works not able to be carried out will be postponed if possible,</p> <p>Any short duration works that cannot be carried out with the 2m rule in place will required face masks, overalls and gloves, ie blinding</p> <p>PPE will not be shared, old PPE will not be stockpiled it will be bagged for future washing, no earlier than 72hrs after last use.</p>	Site Team to monitor and enforce	4	2	8

		<p>Regularly clean touchpoints, doors, buttons etc.</p> <p>Increase ventilation in enclosed spaces</p> <p>Regularly clean the inside of vehicle cabs and between use by different operators."</p>								
10	Site Meetings	<p>(Hazard of cross contamination and transportation of the virus through meetings)</p> <p>"Only absolutely necessary meeting participants should attend</p> <p>Attendees should be two metres apart from each other</p> <p>Rooms should be well ventilated / windows opened to allow fresh air circulation</p> <p>Consider holding meetings in open areas where possible."</p>	4	3	12	<p>All none essential meetings will be cancelled, and all meetings to be reviewed to see if a SKYPE meeting can be carried out in its place</p> <p>Where practicable, all morning meetings shall be held outside in open air with personnel being two meters apart.</p> <p>If weather does not permit the above, meetings should be held in the biggest office area ensuring to keep the two-meter distance. All windows shall be left open, personnel are to be kept to a minimum and more than one meeting should be given if the numbers of employees do not permit the above</p> <p>Morning meetings shall be kept to a minimum of number of essential personnel i.e. only one KIER/Siemens Manager/Supervisor/SHE Advisor to communicate the morning briefing, back to work guidelines and toolbox talks.</p> <p>The morning attendance briefing will be conducted in the same way as schooling. After the meeting has been completed a name call will be taken by the person conducting the meeting and names ticked off on the briefing register</p> <p>All employees to wear surgical gloves in the office</p> <p>Hand sanitizer to made available in the offices, canteens and toilets</p>	Site Team to monitor and enforce	4	2	8
11	Handling or materials	<p>Cross contamination from the handling of materials</p>	4	3	12	<p>Use mechanical methods for the moving of materials from the compound to the AGI.</p> <p>Gang to only handle the materials they are using for the task they are performing.</p> <p>Gloves to be worn at all times when handling materials,</p> <p>Waste materials to be cleared to the skips by the gang</p>	Site Team to monitor and enforce	4	2	8

						using the materials and not left on site for others to clean up				
12	Placing of concrete	Cross contamination from the interaction of ops	4	3	12	<p>Specific concrete gang to be formed including, pipe positioning op, poker operative and float finish op, all other ops to maintain the safe 2m distance from the operation in hand,</p> <p>Pump driver to follow the access guidance, including the wearing of gloves, when operation of the mixer Shute, and the pump operative should maintain 2m from the hopper when the mixer driver is operating the Shute.</p> <p>Pump operator and mixer driver to maintain 2m at all times, and when signing the ticket 2m needs to be maintained.</p>	Site Team to monitor and enforce	4	2	8
13	Plant operation	Cross contamination from the interaction of ops	4	3	12	<p>All plant controls and access handles, keys etc to be wiped prior to use and after use with antibacterial wipes, latex gloves to be used by operators when using the machines without their site gloves on</p> <p>One man one machine per day</p> <p>3m rule to be applied and maintained between all plant and none plant ops</p>	Site Team to monitor and enforce	4	2	8
14	Excavations	Cross contamination from the interaction of ops	4	3	12	<p>Specific digging gang to be applied and operatives to maintain 2m rule, 3m rule to be maintained from plant.</p> <p>Excavation area to be barriered off and none essential ops to remain outside of the work area at all times,</p> <p>When crossing through a work area the 2m distancing rule must be applied or an alternative route found</p>	Site Team to monitor and enforce	4	2	8
15	Lifting operations	Cross contamination from the interaction of ops	4	3	12	<p>When lifting or moving of steel this should be done by means of mechanical plant,</p> <p>When positioning in place the 2m rule must be achieved, if the positioning requires more than one op, then tag lines must be used to maintain the 2m rule</p> <p>Raising and lowering of towers should also be completed by 2 operatives without breaching to 2 meter ruling</p>	Site Team to monitor and enforce	4	2	8

16	Fuel deliveries, skip exchange, site deliveries and repair personnel	Cross contamination from the interaction of ops	4	3	12	Delivery drivers to be visually checked on arrival, if no visual signs of fatigue or sweating are noted, the operator may enter site, the operative must carry out his work with a clear 2m from any other operative and 3m from any other plant. Once finished the delivery ticket will be signed by the gateman wearing latex gloves.	Site Team to monitor and enforce	4	2	8
17	Short duration 2-man work	Cross contamination from the interaction of ops	4	3	12	Any short duration works that cannot be carried out with the 2m rule in place will required face masks, overalls and gloves. These works will be identified daily in the briefing and point of works risk assessment and where possible avoided or postponed.	Site Team to monitor and enforce	4	2	8
18	General site works	Employees working too close together, using same tools and machinery	4	3	12	Personnel to work ensuring a two-meter buffer from one and other is maintained Tools are to be handled by personnel wearing gloves only Safety glasses must be worn at all times All works being carried out must be able to be completed by one person, dual manual lifts are not permitted. If materials are required to be moved and exceed and employee capabilities the telehandler must be used	Site Team to monitor and enforce	4	2	8
19	First Aid when required	Employees administering First Aid to injured personnel	4	3	12	If an employee suffers a minor injury such as a small cut to the hand or body, a First Aid kit is to be made available for the injured employee to self-treat i.e. cleaning a wound and placing a plaster on the cut. If the injury is more severe, then normal first aid action should be undertaken by a trained first aider. The first aider must be wearing latex gloves and mask before providing first aid	Site Team to monitor and enforce	4	2	8
20	Lone Working (Commissioning works only)	Employees working alone on site	4	3	12	If working alone is required, employees must first inform the Site Manager/PM/PE of their intentions to work, the area in which he/she intends to work. The employee must then be issued with a site radio. The employee must establish radio contact every 15 minutes NOTE: Radios must be used on all AGI sites as mobile phones are not permitted whilst working on site	Site Manager/PM/PE must monitor the contact every 15 minutes with the employee	4	2	8