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1. Summary information

Risk assessment No./Title	Coronavirus Risk Assessment	Completed by:	RP Tarver	Date:	18/05/20
Area, Functional Location:					
Summary Task Description (or S.O.P. no. if appropriate): To prevent the infection of Solvay employees with the Covid-19 virus To prevent the spread of the Covid-19 virus should infection occur					

Hazards involved: <i>Health, Chemical Reaction, Temperature, Pressure, Electricity, Stored Energy, Rotating Equipment, Environmental, Noise, Asbestos, Lone Working, Work at Height, Confined Spaces, Manual Handling, Radiation, Vehicles, Vibration, Lifting.</i>		
Ensure each hazard identified is entered into the risk assessment table below.		
Access:	Tools:	
Labour:	Materials:	
Equipment isolated	Method of Isolation	By whom?
Substances present & Hazard Classification:		
Drawings or other information:		

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2. Generic Risk Assessment

Hazard			Risk Rating (S x P)	Control Measures	Controlled Hazard		Risk Rating (S x P)
Type	Severity ¹	Probability ²	Initial		Severity	Probability	Final
Infection of Solvay employees with the Covid-19 virus	B	C	1	Minimise number of employees on site by implementing home working where possible.	B	D	2
				All Employees instructed on good hygiene measures, including regular hand washing			
				Hand Sanitisers provided at the entrance to each building			
				Temperature check of all employees, contractors, drivers and visitors before granting access to site.			
				Defined maximum number of individuals in a room at any one time, eg. control room, mess room, Tank Farm cabin and Engineering workshop			
				Prohibit non-essential personnel from entering the control building			
				Closure of site canteen to prevent large groups forming			
				Additional cleaning regimes introduced at the start of each shift			
				Any employee demonstrating symptoms required to self-isolate as per government guidance			
				Implementation of social distancing rules requiring minimum 2m separation			
				For activities where social distancing cannot be maintained, assess: 1. Does the task require doing now or can it be delayed 2. Can one person completed the task by extending duration of task 3. If neither of the above are possible, then workers should wear additional PPE			

¹ Catastrophic (A), Extremely Serious (B), Major (C), Serious (D), Minor (E).

² Likely (A), Probable (B), Possible (C), Remote (D), Improbable (E).

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Hazard			Risk Rating (S x P)	Control Measures	Controlled Hazard		Risk Rating (S x P)
				comprising, face mask, visor and disposable paper suit.			
				Creation of work teams and implement plan to avoid contact across work teams as far as is practical eg. Split shifts with staggered start and finish time			
				Close contact log introduced to enable contact tracing to take place			
				Covid-19 awareness training to be undertaken by all employees and contractors			

NOTE: If the final Risk rating is higher than "Very Low (4)", record here why this risk is "As Low as is Reasonably Practicable" and forward this risk assessment to your line manager or the HSE Manager. Consider what more steps could be taken and why are they excessive? Refer to your line manager or HSE Specialist for guidance.

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Table 8.1 Severity Classification

Severity Category	Safety Impact	Enviro Impact
A Catastrophic	Multiple on-site fatalities. Off-site injuries.	Very serious contamination of ground or water course. Long-term loss of aquatic life.
B Extremely Serious	Single on-site fatality. Several on-site permanent injuries.	Major Accident to the Environment (MATTE).
C Major	Major injury (non-permanent).	Vapour release off site. Disturbing visible contamination of water course. Fish killed up to 1 mile away.
D Serious	Medical treatment injury. Hospital visit.	Sustained or repeated nuisance. Dust fall out. Exceeding consent limit.
E Minor	First aid injury.	Short term nuisance, (eg noise, unpleasant smell).

Table 8.2 Probability Classification

Level	Frequency
A Likely	Regularly occurs, nearly every activity or > once every 10 years (whichever is the more frequent).
B Probable	Will occur several times during the life time of the plant (1 in 10 years to 1 in a 100 years).
C Possible	Could occur occasionally (1 in a 100 years to 1 in a 1,000 years)
D Remote	Conceivable, but unlikely (1 in a 1,000 years to 1 in 10,000 years)
E Improbable	Unlikely to ever occur (<1 in 10,000 years)

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Table 8.3 Risk Ranking Matrix

Severity Category	Probability				
	E Improbable	D Remote	C Possible	B Probable	A Likely
A Catastrophic	Medium (2)	High (1)	High (1)	High (1)	High (1)
B Extremely Serious	Low (3)	Medium (2)	High (1)	High (1)	High (1)
C Major	Very Low (4)	Low (3)	Medium (2)	High (1)	High (1)
D Serious	Very Low (4)	Very Low (4)	Low (3)	Medium (2)	High (1)
E Minor	Very Low (4)	Very Low (4)	Very Low (4)	Low (3)	Medium (2)

High (1)	Unacceptable. Risk cannot be justified.
Medium (2)	Tolerable only if risk reduction is impracticable or cost is grossly disproportionate.
Low (3)	Tolerable if cost of risk reduction would exceed the improvement gained.
Very Low (4)	Broadly Acceptable.

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