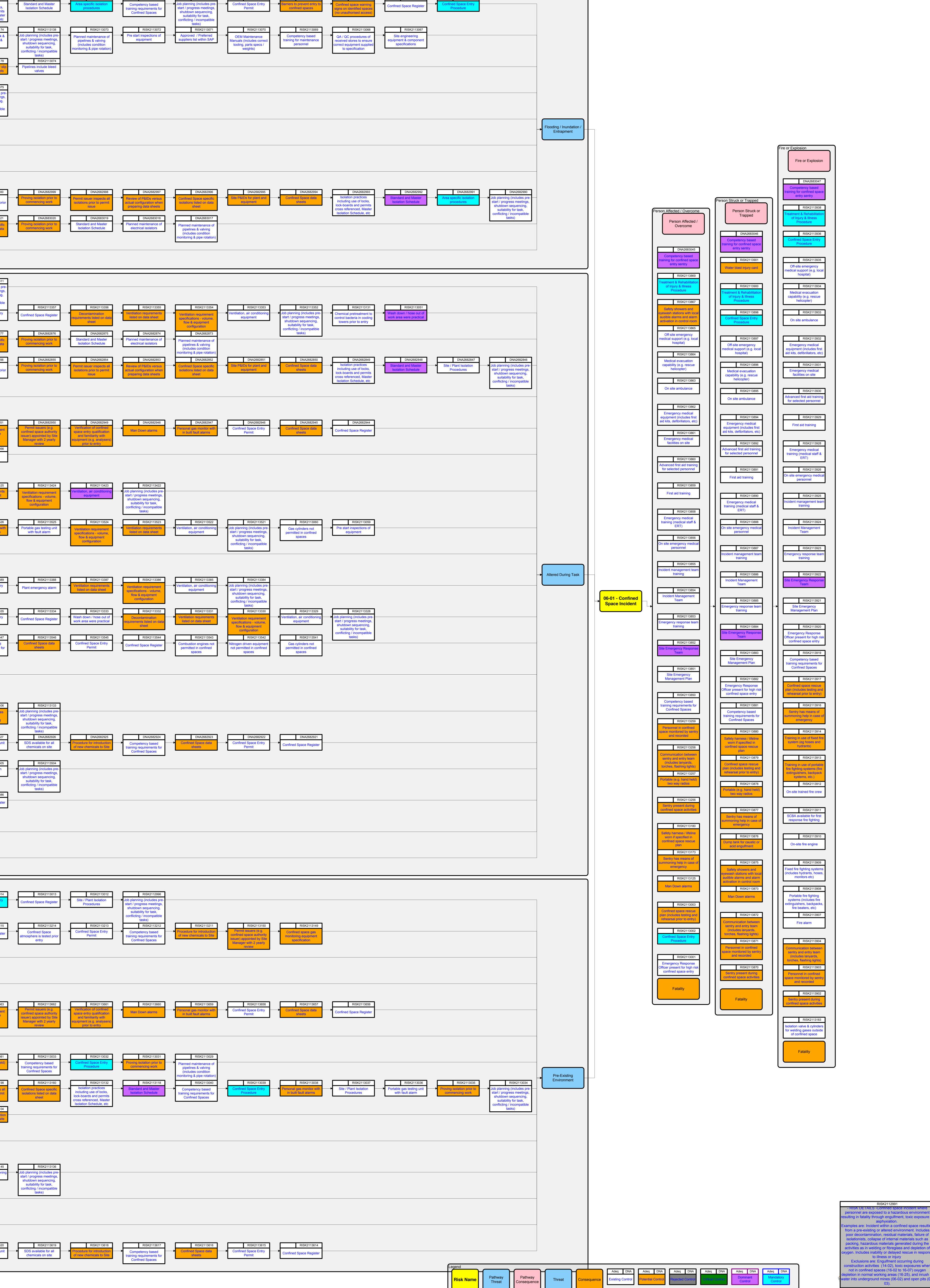
Flooding / Inundation / En Working on wrong system due to misidentification or misunderstanding	InteliPermit System	DNA2683041 Site P&IDs for plant and equipment	DNA2683040 Review of P&IDs versus actual configuration when preparing data sheets	DNA2683039 Permit issuer inspects all isolations prior to permit issue	DNA2683038	RISK2113949 Confined Space permit issuer shows contractors the physical job location in the plant.	RISK2113781 Permit issuers (e.g. confined space authority issuer) appointed by Site Manager with 2 yearly review	RISK2113780 Personnel sign in and out each time space is entered / exited	RISK2113779 Personnel in confined space monitored by sentry and recorded	RISK2113778 Communication between sentry and entry team (includes lanyards, torches, flashing lights)	RISK2113777 Portable (e.g. hand held) two way radios	RISK2113776 Sentry present during confined space activities	RISK2113775 Confined Space atmosphere is tested prior entry	RISK2113774 Proving isolation prior to commencing work	RISK2113773 Confined Space specific isolations listed on data sheet	RISK2113772 Confined Space data sheets	RISK2113771 Isolation practices including use of locks, lock-boards and permits cross referenced, Master Isolation Schedule, etc	RISK2113770 Standard and Master Isolation Schedule	RISK2113769 Area specific isolation procedures	RISK2113768 Competency based training requirements for Confined Spaces	RISK2113767 Job planning (includes pre- start / progress meetings, shutdown sequencing, suitability for task, conflicting / incompatible tasks)	RISK2113766 Confined Space Entry Permit	confined spaces signs of	RISK2113764 ned space warning on identified spaces nauthorised access)	RISK2113763 Confined Space Entry Procedure
Equipment failure leading to flooding ar inundation (i.e. ruptur hydraulic hose, accumulator failure)	d d d H d H hysical line breaks or slip plates used for vessels	RISK2113834 Confined Space Entry Procedure	RISK2113833 Confined Space specific isolations listed on data sheet	RISK2113832 Confined space entry permit includes materials to be used and the limitations to applied within space or task	RISK2113831 Personnel sign in and out each time space is entered / exited	RISK2113830 Personnel in confined space monitored by sentry and recorded	RISK2113829 Portable (e.g. hand held) two way radios	RISK2113828 Communication between sentry and entry team (includes lanyards, torches, flashing lights)	RISK2113827 Sentry present during confined space activities	RISK2113826 Competency based training requirements for Confined Spaces	RISK2113825	RISK2113824 Confined Space data sheets	RISK2113823 Confined Space Entry Permit	RISK2113822 Confined Space Register	RISK2113176 Verification of supplied equipment gauges for rated pressure & in date calibration	RISK2113175 Formwork & Shoring Procedure	RISK2113174 Designated Formwork & Shoring Equipment & Materials	RISK2113138 Job planning (includes pre- start / progress meetings, shutdown sequencing, suitability for task, conflicting / incompatible tasks)	RISK2113073 Planned maintenance of pipelines & valving (includes condition monitoring & pipe rotation)	RISK2113072 Pre start inspections of equipment	Approved / Preferred suppliers list within SAP	RISK2113070 OEM Maintenance Manuals (includes correct tooling, parts specs / weights)	training for maintenance receive personnel correct	ed stores to ensure equipme	RISK2113067 engineering ent & component ecifications
Air lock or vacuum in pipework	RISK2113797 Communication between sentry and entry team (includes lanyards, torches, flashing lights)	RISK2113796 Site Isolation Procedure	RISK2113795 Proving isolation prior to commencing work PISK2113819	RISK2113794 Permit issuer inspects all isolations prior to permit issue RISK2113818	RISK2113793 Confined Space specific isolations listed on data sheet	RISK2113792 Isolation practices including use of locks, lock-boards and permits cross referenced, Master Isolation Schedule, etc	RISK2113791 Standard and Master Isolation Schedule	RISK2113790 Area specific isolation procedures	RISK2113788 Confined Space Entry Procedure	RISK2113787 Sentry present during confined space activities PISK2113812	RISK2113786 Confined Space data sheets	RISK2113785 Confined Space Entry Permit	RISK2113784 Confined Space Register	RISK2113783 Wash down / hose out of work area were practical	RISK2113782 Decontamination requirements listed on data sheet	RISK2113179 Vessels & pits are easily isolated & avoid sections (e.g. dip legs) which can't be flushed	RISK2113178 Physical line breaks or slip plates used for vessels PISK2113075	RISK2113074 Pipelines include bleed valves							
Ingress from other sources (e.g. tanks pipes, flooding, hoppe feeders)	Site Isolation Procedure	Communication between sentry and entry team (includes lanyards, torches, flashing lights) DNA2683044	RISK2113819 Sentry present during confined space activities RISK2113848	RISK2113818	RISK2113817 Permit issuer inspects all isolations prior to permit issue RISK2113846	RISK2113816 Isolation practices including use of locks, lock-boards and permits cross referenced, Master Isolation Schedule, etc RISK2113845	RISK2113815 Confined Space specific isolations listed on data sheet RISK2113844	RISK2113814 Standard and Master Isolation Schedule RISK2113843	RISK2113813 Area specific isolation procedures RISK2113841	RISK2113812 Confined Space data sheets RISK2113840	RISK2113811 Confined Space Entry Permit RISK2113838	RISK2113810 Confined Space Register RISK2113837	RISK2113809 Decontamination requirements listed on data sheet RISK2113078	RISK2113808 Physical line breaks or slip plates used for vessels RISK2113077	RISK2113798 Confined Space Entry Procedure	RISK2113076 Planned maintenance of pipelines & valving (includes condition monitoring & pipe rotation)	Job planning (includes pre- start / progress meetings, shutdown sequencing, suitability for task, conflicting / incompatible tasks)								
Structural failure with confined space Hung up material	Workplace inspections UNA2683043 Knock-down identified	Planned maintenance of pipelines & valving (includes condition monitoring & pipe rotation) RISK2113805 Confined Space Entry Procedure	Confined Space Entry Procedure RISK2113804 Decontamination	Pre start inspections of equipment RISK2113803 Communication between	Communication between sentry and entry team (includes lanyards, torches, flashing lights) RISK2113802 Sentry present during confined space activities	RISK2113801 Confined Space data sheets	Protective barriers / netting to prevent falling objects RISK2113800 Confined Space Entry Permit	Scaffolding used inside vessels wherever practical RISK2113799 Confined Space Register	Competency based training for maintenance personnel RISK2113147 Fixed plant design to minimise hang-up material	Condition monitoring of assets (includes VA, oil analysis, thermography, xray, UTT) RISK2113142 Decontamination procedures identify spaces	Structural equipment life plans in place which specify inspection and testing routines RISK2113079 Wash down / hose out of work area were practical	Routine preventative maintenance for structures (eg prevention of corrosion by painting)	 Third party audits & survey of structures (includes corrosion of concrete, verticality, beams, walkways; compliance with code etc.) 	Corrosion maintenance of structures (includes concrete , beams, walkways etc.)											
Not recognised as a confined space	hang ups or blank-off, plate or barricade those which cannot be knocked down DNA2682989 Confined Space Entry Procedure	DNA2682988 Decontamination procedures identify spaces which require	DNA2682987 Authorisation to Work - identifies work area as confined space	 Sentry and entry team (includes lanyards, torches, flashing lights) DNA2682986 Competency based training requirements for Confined Spaces 	DNA2682985 Contractor management procedures include Confined Space	DNA2682984 Induction of shutdown workforce includes confined space awareness	DNA2682983 Workplace area specific induction	DNA2682982 Site Induction includes Confined Space awareness training	DNA2682981 Temporary guarding of confined space entry between work periods	 which require decontamination before issue of a Confined Space Authority and entry Barriers to prevent entry to confined spaces 	DNA2682979 Confined space warning signs on identified spaces (no unauthorised access)	DNA2682978 Confined Space Register	DNA2682977 Confined Space assessment criteria (to determine if it is a Confined												
Incorrect isolation / d isolation of systems (materials, electrical mechanical energy et	DNA2683016 Sentry is identifiable (e.g. vest or helmet)	decontamination before issue of a Confined Space Authority and entry	DNA2683014 Competency based training for isolation officers	DNA2683013 Site Isolation Procedure	DNA2683012	DNA2683011 Personnel sign in and out each time space is entered / exited	DNA2683010 Personnel in confined space monitored by sentry and recorded	DNA2683009 Communication between sentry and entry team (includes lanyards, torches, flashing lights)	DNA2683008 Portable (e.g. hand held) two way radios	DNA2683007 Sentry present during confined space activities	DNA2683006 Competency based training requirements for Confined Spaces	DNA2683005 Confined space data sheet includes testing requirements (includes materials, temperature ota)	Atmosphere tester is trained in specific gas monitor to be used in / on confined space	DNA2683003 Continuous atmosphere monitoring of confined spaces	DNA2683002 Personal gas monitor with in built fault alarms	DNA2683001 Portable gas testing unit with fault alarm	DNA2683000 Confined Space atmosphere is tested prior entry	DNA2682999 Proving isolation prior to commencing work	DNA2682998 Permit issuer inspects all isolations prior to permit issue	DNA2682997 Review of P&IDs versus actual configuration when preparing data sheets	DNA2682996 Confined Space specific isolations listed on data sheet	DNA2682995 Site P&IDs for plant and equipment	sheets inclu lock-b cross	DNA2682993 Dation practices Iding use of locks, poards and permits referenced, Master tion Schoolub, etc.	DNA2682992 ard and Master tion Schedule DNA2682991 Area specific isolation procedures
Defective or faulty isolation equipment	DNA2683037 Site Isolation Procedure	DNA2683036 Confined Space Entry Procedure DNA2818040	DNA2683035 Personnel sign in and out each time space is entered / exited DNA2818039	DNA2683034 Personnel in confined space monitored by sentry and recorded DNA2818038	DNA2683033 Communication between sentry and entry team (includes lanyards, torches, flashing lights) DNA2818037	DNA2683032 Sentry present during confined space activities DNA2818036	DNA2683031 Portable (e.g. hand held) two way radios DNA2818035	DNA2683030 Competency based training requirements for Confined Spaces DNA2818034	DNA2683029 Confined space data sheet includes testing requirements (includes materials, temperature etc.)	DNA2683028 Atmosphere tester is trained in specific gas monitor to be used in / on confined space	DNA2683027 Continuous atmosphere monitoring of confined spaces	Personal gas monitor with in built fault alarms	DNA2683025 Portable gas testing unit with fault alarm	DNA2683024 Confined Space atmosphere is tested prior entry	DNA2683023 Physical line breaks or slip plates used for vessels	DNA2683022 Permit issuer inspects all isolations prior to permit issue	DNA2683021 Confined Space specific isolations listed on data sheet	DNA2683020 Proving isolation prior to commencing work 	DNA2683019 Standard and Master Isolation Schedule	DNA2683018 Planned maintenance of electrical isolators 	DNA2683017 Planned maintenance of pipelines & valving (includes condition monitoring & pipe rotation)		ISUIA	tion Schedule, etc	
Wilful breach	Golden rules and associated disciplinary process	Employee performance management process	Temporary guarding of confined space entry between work periods	Barriers to prevent entry to confined spaces	Contractor management procedures include Confined Space requirements	Confined space warning signs on identified spaces (no unauthorised access)	Site Induction includes Confined Space	Sentry present during confined space activities																	
Altered During Task Poor ventilation / airfle	RISK2113327 Communication between sentry and entry team (includes lanyards, torches, flashing lights) RISK2113374	RISK2113326 Confined Space Entry Procedure RISK2113373	RISK2113325 Sentry present during confined space activities RISK2113372	RISK2113324 Confined space gas monitoring equipment specification RISK2113371	RISK2113323 Confined space data sheet includes testing requirements (includes materials, temperature etc.) RISK2113370	RISK2113322 Atmosphere tester is trained in specific gas monitor to be used in / on confined space RISK2113369	RISK2113321 Continuous atmosphere monitoring of confined spaces RISK2113368	RISK2113320 Personal gas monitor with in built fault alarms RISK2113367	RISK2113319 Portable gas testing unit with fault alarm RISK2113366	RISK2113318 Confined Space atmosphere is tested prior entry RISK2113365	RISK2113317 Confined Space data sheets RISK2113364	RISK2113316 Confined Space Entry Permit RISK2113363	RISK2113315 Confined Space Register RISK2113362	RISK2113314 Ventilation requirements listed on data sheet RISK2113361	RISK2113313 Ventilation requirement specifications - volume, flow & equipment configuration RISK2113360	RISK2113312 Ventilation, air conditioning equipment RISK2113359	RISK2113311 Job planning (includes pre- start / progress meetings, shutdown sequencing, suitability for task, conflicting / incompatible tasks)	RISK2113357	RISK2113356	RISK2113355	RISK2113354	RISK2113353	RISK2113352	RISK2113131	RISK2113051
Disturbance of sedime	DNA2682894	Personnel sign in and out each time space is entered / exited DNA2682893 Confined Space Entry	Personnel in confined space monitored by sentry and recorded DNA2682892 Personnel sign in and out	Communication between sentry and entry team (includes lanyards, torches, flashing lights) DNA2682891 Personnel in confined	Sentry trained in specific gas monitor to be used in / on confined space DNA2682890	Sentry duties include monitoring gas detectors used in / on confined space DNA2682889 Sentry present during	Confined space permit issuer checks the sentry is familiar with responsibilities fo the position and use of the atmosphere monitor DNA2682888 Portable (e.g. hand held)	Sentry present during confined space activities DNA2682887 Competency based	Confined space gas monitoring equipment specification DNA2682886 Confined space data sheet	Confined space data sheet includes testing requirements (includes materials, temperature etc.) DNA2682885 Atmosphere tester is	Atmosphere tester is trained in specific gas monitor to be used in / on confined space DNA2682884 Continuous atmosphere	Continuous atmosphere monitoring of confined spaces DNA2682883 Personal gas monitor with	Personal gas monitor with in built fault alarms DNA2682882 Portable gas testing unit	Portable gas testing unit with fault alarm DNA2682881 Confined Space	Confined Space atmosphere is tested prior entry DNA2682879 Physical line breaks or slip	Confined Space data sheets DNA2682878 Permit issuer inspects all	Confined Space Entry Permit DNA2682877 Confined Space specific	Confined Space Register DNA2682876 Proving isolation prior to	Decontamination requirements listed on data sheet DNA2682875 Standard and Master	Ventilation requirements listed on data sheet DNA2682874 Planned maintenance of	Ventilation requirement specifications - volume, flow & equipment configuration DNA2682873 Planned maintenance of	 Ventilation, air conditioning equipment 	start / progress meetings, control	ical pretreatment to I bacteria in cooling vers prior to entry	own / hose out of ea were practical
isolation equipment Incorrect isolation / d isolation of systems (materials, electrical	DNA2682872 Sentry is identifiable (e.g. vest or helmet)	DNA2682871 Labelling of isolation points	each time space is entered / exited DNA2682870 Competency based training for isolation	space monitored by sentry and recorded DNA2682869 Site Isolation Procedure	sentry and entry team (includes lanyards, torches, flashing lights) DNA2682868 Confined Space Entry Procedure	DNA2682867 Personnel sign in and out each time space is	DNA2682866 Personnel in confined space monitored by sentry	training requirements for Confined Spaces DNA2682865 Communication between sentry and entry team	includes testing requirements (includes materials, temperature etc.) DNA2682864 → Portable (e.g. hand held) two way radios	 trained in specific gas monitor to be used in / on confined space DNA2682863 Sentry present during confined space activities 	DNA2682862 Competency based training requirements for Confined Spaces	DNA2682861 Confined space data sheet includes testing requirements (includes	DNA2682860 Atmosphere tester is trained in specific gas	Atmosphere is tested prior entry DNA2682859 Continuous atmosphere monitoring of confined	DNA2682858 Personal gas monitor with in built fault alarms	DNA2682857 Portable gas testing unit with fault alarm	DNA2682856 Confined Space atmosphere is tested prior	Commencing work DNA2682855 Proving isolation prior to commencing work	DNA2682854 Permit issuer inspects all isolations prior to permit	DNA2682853 Review of P&IDs versus actual configuration when	pipelines & valving (includes condition monitoring & pipe rotation) DNA2682852 Confined Space specific isolations listed on data	DNA2682851 ► Site P&IDs for plant and equipment	sheets inclu	DNA2682849 Dilation practices Iding use of locks, boards and permits	DNA2682848 ard and Master tion Schedule DNA2682847 Site / Plant Isolation Procedures
Change in condition from environmental conditions not related work activity (e.g.	RISK2113383 Confined Space Entry Procedure	RISK2113382 Personnel sign in and out each time space is	RISK2113381 Personnel in confined space monitored by sentry and recorded	RISK2113380 Communication between sentry and entry team	RISK2113379 Sentry present during confined space activities	RISK2113378 Permit issuers (e.g. confined space authority issuer) appointed by Site	RISK2113377 Competency based training requirements for	(includes lanyards, torches, flashing lights) RISK2113376 Confined Space Entry Permit	RISK2113375 Confined Space Register		Confined Spaces	etc.)	monitor to be used in / on confined space	spaces			entry		issue	preparing data sheets	sheet		cross	referenced, Master tion Schedule, etc	
Inexperience / lack of understanding	DNA2682967 Contractors provided training on how to use OTML confined space	DNA2682966 Confined Space Entry Procedure	DNA2682965 Personnel sign in and out each time space is entered / exited	(includes lanyards, torches, flashing lights) DNA2682964 Personnel in confined space monitored by sentry and recorded	DNA2682963 Portable (e.g. hand held) two way radios	Manager with 2 yearly review DNA2682962 Communication between sentry and entry team	DNA2682961 Sentry trained in specific gas monitor to be used in / on confined space	DNA2682960 Confined space permit issuer checks the sentry is familiar with responsibilities	DNA2682959 Sentry present during confined space activities	DNA2682958 Competency based training requirements for Confined Spaces	DNA2682957	DNA2682956 Workplace area specific induction	DNA2682955 Site Induction includes Confined Space awareness training	DNA2682954 Temporary guarding of confined space entry between work periods	DNA2682953 Barriers to prevent entry to confined spaces	DNA2682952 Confined space warning signs on identified spaces (no unauthorised access)	DNA2682951 Contractor management procedures include	DNA2682950 Permit issuers (e.g. confined space authority issuer) appointed by Site	DNA2682949 → Verification of confined space entry qualification and familiarity with	DNA2682948 Man Down alarms	DNA2682947 → Personal gas monitor with in built fault alarms	DNA2682946 ► Confined Space Entry Permit	Confined Space data	DNA2682944 ned Space Register	
Slips, trips and falls	entry equipment, processes including permi and controls Internal structures designed to allow safe access (eg internal ladders, platforms)	RISK2113502 Internal fittings and structures do not impede access	RISK2113501 Design specifications for space include entry requirements (man hole size, location etc)	RISK2113500 Competency based training requirements for Confined Spaces	RISK2113499 Confined Space Entry Procedure	(includes lanyards, torches, flashing lights) RISK2113498 Personnel sign in and out each time space is entered / exited	RISK2113497 Personnel in confined space monitored by sentry and recorded	fo the position and use of the atmosphere monitor RISK2113496 Communication between sentry and entry team (includes lanyards, torches, flashing lights)	RISK2113495 Sentry present during confined space activities	RISK2113494 Confined Space data sheets	Confined space awareness RISK2113493 Confined Space Entry Permit	RISK2113492 Confined Space Register	RISK2113491 Decontamination requirements listed on data sheet	RISK2113490 Job planning (includes pre- start / progress meetings, shutdown sequencing, suitability for task,	RISK2113058 Personal Protective Equipment (PPE) procedure	RISK2113057 Wash down / hose out of work area were practical (includes use of air blasting)	Confined Space requirements RISK2113056 Housekeeping	Manager with 2 yearly review	equipment (e.g. analysers) prior to entry						
Chemical / dust release / reaction resulting from introduced product of activity (e.g. cleaning	RISK2113442 Confined Space Entry Procedure	RISK2113441 Personnel sign in and out each time space is entered / exited	RISK2113440 Personnel in confined space monitored by sentry and recorded	RISK2113439 Communication between sentry and entry team (includes lanyards,	RISK2113438 Confined space permit issuer checks the sentry is familiar with responsibilities	RISK2113437 Sentry present during confined space activities	RISK2113436 Continuous atmosphere monitoring of confined spaces	RISK2113435 Personal gas monitor with in built fault alarms	RISK2113434 Portable gas testing unit with fault alarm	RISK2113433 Confined Space atmosphere is tested prior entry	RISK2113432 Confined Space data sheets	RISK2113431 Confined Space Entry Permit	RISK2113430 Confined Space Register	to be used and the	RISK2113427 Procedure for introduction of new chemicals to site	RISK2113426 SDS available for all chemicals on site	RISK2113425 Ventilation requirements listed on data sheet	RISK2113424 Ventilation requirement specifications - volume, flow & equipment	RISK2113423 Ventilation, air conditioning equipment	RISK2113422 Job planning (includes pre- start / progress meetings, shutdown sequencing,					
welding, painting, grinding) Defective or faulty tag related equipment	DNA2682897 Inspection and tagging of work at height lanyards	DNA2682896	RISK2113540 Portable electrical	RISK2113539 Confined Space Entry Procedure	RISK2113538 Personnel sign in and out each time space is	RISK2113537 Personnel in confined space monitored by sentry	RISK2113536	RISK2113535 Portable (e.g. hand held) two way radios	RISK2113534 Sentry present during confined space activities	RISK2113533 Permit issuers (e.g. confined space authority	RISK2113532 Competency based training requirements for	RISK2113531 Confined space entry permit includes materials	RISK2113530 Confined Space Entry Permit	limitations to applied within space or task RISK2113529 Confined Space data sheets	RISK2113528 Confined Space Register	RISK2113527 Continuous atmosphere monitoring of confined	RISK2113526 Personal gas monitor with in built fault alarms	RISK2113525 Portable gas testing unit with fault alarm	RISK2113524 Ventilation requirement specifications - volume,	suitability for task, conflicting / incompatible tasks) RISK2113523 Ventilation requirements listed on data sheet	RISK2113522 → Ventilation, air conditioning equipment	RISK2113521 → Job planning (includes pre- start / progress meetings,	Gas cylinders not Pre s	RISK2113059 start inspections of equipment	
Wilful breach	DNA2682975 Golden rules and associated disciplinary process	DNA2682974 Employee performance management process	equipment is extra low voltage or RCD / GFI protected DNA2682973 Temporary guarding of confined space entry between work periods	DNA2682972 Barriers to prevent entry to confined spaces	DNA2682971 Contractor management procedures include Confined Space	DNA2682970 Confined space warning signs on identified spaces (no unauthorised access)	Sentry and entry team (includes lanyards, torches, flashing lights) DNA2682969 Site Induction includes Confined Space awareness training	DNA2682968 Sentry present during confined space activities		issuer) appointed by Site Manager with 2 yearly review	training requirements for Confined Spaces	to be used and the limitations to applied within space or task		J		spaces			flow & equipment configuration			shutdown sequencing, suitability for task, conflicting / incompatible tasks)	spaces		
Change in condition from external source activity or work not related to current wo activity (e.g. exhaus	RISK2113405 Confined Space Entry Procedure	RISK2113404 Personnel sign in and out each time space is entered / exited	RISK2113403 Personnel in confined space monitored by sentry and recorded	RISK2113402 Communication between sentry and entry team (includes lanyards,	RISK2113401 Sentry trained in specific gas monitor to be used in / on confined space	RISK2113400 Sentry duties include monitoring gas detectors used in / on confined	RISK2113399 Confined space permit issuer checks the sentry is familiar with responsibilities fo the position and use of	RISK2113398 Sentry present during confined space activities	RISK2113397 Permit issuers (e.g. confined space authority issuer) appointed by Site Manager with 2 yearly	RISK2113396 Confined space data sheet includes testing requirements (includes materials, temperature	RISK2113395 Continuous atmosphere monitoring of confined spaces	RISK2113394 Personal gas monitor with in built fault alarms	RISK2113393 Portable gas testing unit with fault alarm	RISK2113392 Competency based training requirements for Confined Spaces	RISK2113391 Confined Space Register	RISK2113390 Confined Space data sheets	RISK2113389 Confined Space Entry Permit	RISK2113388 Plant emergency alarm	RISK2113387 Ventilation requirements listed on data sheet	RISK2113386 Ventilation requirement specifications - volume, flow & equipment	RISK2113385 Ventilation, air conditioning equipment	RISK2113384 → Job planning (includes pre- start / progress meetings, shutdown sequencing,			
gas) Latent or internal corrosion depleting th oxygen	RISK2113351 Personnel sign in and out each time space is entered / exited	RISK2113350 Personnel in confined space monitored by sentry and recorded	RISK2113349 Communication between sentry and entry team (includes lanyards,	RISK2113348 RISK2113348 Sentry trained in specific gas monitor to be used in / on confined space	RISK2113347 Sentry duties include monitoring gas detectors used in / on confined	RISK2113346 Confined space permit issuer checks the sentry is familiar with responsibilities fo the position and use of	RISK2113345 Confined Space Entry Procedure	RISK2113344 Sentry present during confined space activities	RISK2113343 Confined space gas monitoring equipment specification	RISK2113342 Confined space data sheet includes testing requirements (includes materials, temperature	RISK2113341 Atmosphere tester is trained in specific gas monitor to be used in / on	RISK2113340 Continuous atmosphere monitoring of confined spaces	RISK2113339 Personal gas monitor with in built fault alarms	RISK2113338 Portable gas testing unit with fault alarm	RISK2113337 Confined Space atmosphere is tested prior entry	RISK2113336 Confined Space data sheets	RISK2113335 Confined Space Entry Permit	RISK2113334 Confined Space Register	RISK2113333 Wash down / hose out of work area were practical	Configuration RISK2113332 Decontamination requirements listed on data sheet	RISK2113331 Ventilation requirements listed on data sheet 	specifications - volume, flow & equipment	Ventilation, air conditioning equipment start / shutc	RISK2113328 anning (includes pre- progress meetings, down sequencing, itability for task,	
Inappropriate task related equipment (e. wrong PPE)	RISK2113563 Confined Space Entry Procedure	RISK2113562 Personnel sign in and out each time space is entered / exited	torches, flashing lights) RISK2113561 Personnel in confined space monitored by sentry and recorded	RISK2113560 Communication between sentry and entry team (includes lanyards, torches, flashing lights)	Portable (e.g. hand held) two way radios	the atmosphere monitor RISK2113558 Sentry present during confined space activities	RISK2113557 Contractor management procedures include Confined Space requirements	RISK2113556 Induction of shutdown workforce includes confined space awareness	RISK2113555 Workplace area specific induction	etc.) RISK2113554 Site Induction includes Confined Space awareness training	Continuous atmosphere monitoring of confined spaces	RISK2113552 Personal gas monitor with in built fault alarms	RISK2113551 Portable gas testing unit with fault alarm	RISK2113550 Confined space entry permit includes materials to be used and the limitations to applied within space or task	RISK2113549 Job planning (includes pre- start / progress meetings, shutdown sequencing, suitability for task, conflicting / incompatible tasks)	RISK2113548 Permit issuers (e.g. confined space authority issuer) appointed by Site Manager with 2 yearly review	RISK2113547 Competency based training requirements for Confined Spaces	RISK2113546 Confined Space data sheets	RISK2113545 Confined Space Entry Permit	RISK2113544 Confined Space Register	RISK2113543 Combustion engines not permitted in confined spaces	configuration RISK2113542 Nitrogen driven equipment not permitted in confined spaces	RISK2113541 Gas cylinders not permitted in confined spaces	tasks)	
Unfit for work (incl. fatigue, drugs, alcoho existing medical conditions, claustrophobia, etc.	RISK2113643	RISK2113642 Confined Space Entry Procedure	RISK2113641 Competency based training requirements for Confined Spaces	RISK2113639 Induction of shutdown workforce includes confined space awareness	RISK2113638 Workplace area specific induction	RISK2113637 Site Induction includes Confined Space awareness training	RISK2113139 Contractor management procedures include Confined Space requirements	RISK2113137 Fitness for work assessment for confined spaces	RISK2113093 Management and Prevention of Heat Stress	RISK2113092 Health Topic information (includes monthly topics, toolbox presentations)	RISK2113091 Drug and alcohol testing (includes random, causal, blanket)	RISK2113090 Fatigue Management Procedure	RISK2113089 Pre employment medical assessment	RISK2113088 Employee Assistance Program (EAP)	tasks) RISK2113087 Employee Fitness for Work Education training & Supervisor Fitness for Work training	RISK2113086 Fitness For Work Procedure									
Change in activity po initial setup resulting altered environmen (e.g. inspection chang to painting)	RISK2113429 Confined space entry permit includes materials to be used and the limitations to applied withir	RISK2113421 Authorisation to Work Procedure	RISK2113420 Confined Space Entry Procedure	RISK2113419 Personnel sign in and out each time space is entered / exited	RISK2113418 Personnel in confined space monitored by sentry and recorded	RISK2113417 Communication between sentry and entry team (includes lanyards, torches, flashing lights)	RISK2113416 Sentry present during confined space activities	RISK2113415 Permit issuers (e.g. confined space authority issuer) appointed by Site Manager with 2 yearly	RISK2113414 Continuous atmosphere monitoring of confined spaces	RISK2113413 Personal gas monitor with in built fault alarms	RISK2113412 Portable gas testing unit with fault alarm	RISK2113411 Confined Space data sheets	RISK2113410 Confined Space Entry Permit	RISK2113409 Competency based training requirements for Confined Spaces	RISK2113408 Contractor management procedures include Confined Space requirements	RISK2113407 Induction of shutdown workforce includes confined space awareness	RISK2113406 Site Induction includes Confined Space awareness training	RISK2113133 Job planning (includes pre- start / progress meetings, shutdown sequencing, suitability for task,							
Monitoring / Testing equipment not suited the task	DNA2682943 DNA2682943 Confined Space Entry Procedure	DNA2682942 Personnel sign in and out each time space is entered / exited	DNA2682941 Personnel in confined space monitored by sentry and recorded	DNA2682940 Communication between sentry and entry team (includes lanyards, torches, flashing lights)	DNA2682939 Sentry trained in specific gas monitor to be used in / on confined space	DNA2682938 Sentry duties include monitoring gas detectors used in / on confined space	DNA2682937 Confined space permit issuer checks the sentry is familiar with responsibilities fo the position and use of the atmosphere monitor	DNA2682936 Sentry present during confined space activities	DNA2682935 Permit issuers (e.g. confined space authority issuer) appointed by Site Manager with 2 yearly review	DNA2682934 Ventilation systems shut down during gas testing (specified in data sheets)	DNA2682933 Decontamination requirements listed on data sheet	DNA2682932 Confined space gas monitoring equipment specification	DNA2682931 Confined space data sheet includes testing requirements (includes materials, temperature etc.)	DNA2682930 Atmosphere tester is trained in specific gas monitor to be used in / on confined space	DNA2682929 Continuous atmosphere monitoring of confined spaces	DNA2682928 Personal gas monitor with in built fault alarms	DNA2682927 Portable gas testing unit with fault alarm 	Conflicting / incompatible tasks) DNA2682926 SDS available for all chemicals on site	DNA2682925 Procedure for introduction of new chemicals to Site	DNA2682924 Competency based training requirements for Confined Spaces	DNA2682923 → Confined Space data sheets	DNA2682922 Confined Space Entry Permit	DNA2682921 Confined Space Register		
Electric shock	DNA2682895 Pre-start check list for confined space entry utilising cord powered equipment (e.g. welders)	RISK2113520 Confined space entry permit includes materials to be used and the limitations to applied within space or task	RISK2113519 Voltage transformers / RCDs located outside confined space	RISK2113518 Portable electrical equipment is extra low voltage or RCD / GFI protected	RISK2113517 Confined Space data sheets	RISK2113516 Confined Space Entry Permit	RISK2113515 Confined Space Register	RISK2113514 Confined Space Entry Procedure	RISK2113513 Personnel sign in and out each time space is entered / exited	RISK2113512 Personnel in confined space monitored by sentry and recorded	RISK2113511 Communication between sentry and entry team (includes lanyards, torches, flashing lights)	RISK2113510 Portable (e.g. hand held) two way radios	RISK2113509 Sentry present during confined space activities	RISK2113508 Confined Space specific isolations listed on data sheet	RISK2113507 Isolation practices including use of locks, lock-boards and permits cross referenced, Master Isolation Schedule, etc	RISK2113506 Standard and Master Isolation Schedule	RISK2113505 Site / Plant Isolation Procedures	RISK2113504 Job planning (includes pre- start / progress meetings, shutdown sequencing, suitability for task, conflicting / incompatible tasks)							
Inability to provide rescue (incl. occupational injuries unrelated to confine space entry)	RISK2113945 Confined space rescue plan (includes testing and rehearsal prior to entry)	RISK2113701 Confined Space Entry Procedure	RISK2113700 Medical assistance available (e.g. first aid, CPR, etc)	RISK2113699 Safety harness attached to lifeline worn by all personnel in confined space	RISK2113698 Data sheet includes access and rescue requirements for safe entry	RISK2113697 Internal structures designed to allow safe access (eg internal ladders, platforms)	RISK2113696 Equipment provided for rescue (e.g. davit arms for lifting etc)	RISK2113695 Design specifications for space include entry requirements (man hole size, location etc)	RISK2113694 Personnel sign in and out each time space is entered / exited	RISK2113693 Personnel in confined space monitored by sentry and recorded	RISK2113692 Communication between sentry and entry team (includes lanyards, torches, flashing lights)	RISK2113691 Sentry present during confined space activities	RISK2113690 Permit issuers (e.g. confined space authority issuer) appointed by Site Manager with 2 yearly review	RISK2113689 Competency based training requirements for Confined Spaces	RISK2113688 Confined Space data sheets	RISK2113687 Confined Space Entry Permit	RISK2113686 Confined Space Register								
Monitoring / Testing equipment failure Monitoring / Testing	DNA2682907 Confined Space Entry Procedure DNA2682920	DNA2682906 Competency based training requirements for Confined Spaces DNA2682919	DNA2682905 Confined space gas monitoring equipment specification DNA2682918	DNA2682904 Continuous atmosphere monitoring of confined spaces DNA2682917	DNA2682903 Personal gas monitor with in built fault alarms DNA2682916	DNA2682902 Portable gas testing unit with fault alarm DNA2682915	DNA2682901 Challenge test of monitors before entry DNA2682914	DNA2682900 Testing of gas monitors in normal condition immediately prior to use DNA2682913	DNA2682899 Calibration equipment and procedures (including use of test gases) DNA2682912	DNA2682898 Regular maintenance of portable gas monitor including calibration DNA2682911	DNA2682910	DNA2682909	DNA2682908]											
equipment incorrectly inappropriately positioned	Or Confined Space Entry Procedure	Confined space permit issuer checks the sentry is familiar with responsibilities fo the position and use of the atmosphere monitor	Sentry trained in specific gas monitor to be used in / on confined space	Sentry present during confined space activities	Continuous atmosphere monitoring of confined spaces	Personal gas monitor with in built fault alarms	Gas testing equipment with fault alarms	Ventilation systems shut down during gas testing (specified in data sheets)	Location requirements for gas sampling included in data sheets	 Confined space data sheet includes testing requirements (includes materials, temperature etc.) 	Confined Space data sheets	Atmosphere tester is trained in specific gas monitor to be used in / on confined space	Competency based training requirements for Confined Spaces												
Equipment or condition changes not recogniss or updated on Confine Space Register or Dat Sheets	DNA2682830 Task based / Confined space entry risk assessment	RISK2113288 Site Isolation Procedure	RISK2113287 Confined space data sheet includes testing requirements (includes materials, temperature etc.)	RISK2113286 Atmosphere tester is trained in specific gas monitor to be used in / on confined space	RISK2113285 Continuous atmosphere monitoring of confined spaces	RISK2113284 Personal gas monitor with in built fault alarms	RISK2113283 Portable gas testing unit with fault alarm	RISK2113282 Confined Space atmosphere is tested prior entry	RISK2113240 Confined Space data sheets	RISK2113235 Review of confined space data sheets on periodic basis	RISK2113158 Confined Space specific isolations listed on data sheet	RISK2113143 Decontamination procedures identify spaces which require decontamination before issue of a Confined Space Authority and entry	RISK2113101 Review of P&IDs versus actual configuration when preparing data sheets	RISK2113100 Site P&IDs for plant and equipment	RISK2113099 Standard and Master Isolation Schedule	RISK2113015 Competency based training requirements for Confined Spaces	RISK2113014 Confined Space Entry Procedure	RISK2113013 Confined Space Register	RISK2113012 Site / Plant Isolation Procedures	RISK2112996 Job planning (includes pre- start / progress meetings, shutdown sequencing, suitability for task, conflicting / incompatible tasks)					
Hazardous substand not detected	RISK2113273 Confined Space Entry Procedure	Atmosphere tester is trained in specific gas monitor to be used in / on confined space	RISK2113271 Personal gas monitor with in built fault alarms RISK2113308 	RISK2113270 Portable gas testing unit with fault alarm RISK2113141	RISK2113242 Confined Space data sheets RISK2113140	RISK2113226 Personnel sign in and out each time space is entered / exited RISK2113103	RISK2113225 Personnel in confined space monitored by sentry and recorded	RISK2113224 Communication between sentry and entry team (includes lanyards, torches, flashing lights) RISK2113016	RISK2113223 Sentry duties include monitoring gas detectors used in / on confined space	RISK2113222 Confined space permit issuer checks the sentry is familiar with responsibilities fo the position and use of the atmosphere monitor	RISK2113221 Sentry trained in specific gas monitor to be used in / on confined space		RISK2113219 Confined space data sheet includes testing requirements (includes materials, temperature etc.)	RISK2113218 Continuous atmosphere monitoring of confined spaces	RISK2113217 Decontamination requirements listed on data sheet	RISK2113216 SDS available for all chemicals on site	RISK2113215 Confined Space Register	RISK2113214 Confined Space atmosphere is tested prior entry	RISK2113213 Confined Space Entry Permit	RISK2113212 Competency based training requirements for Confined Spaces	RISK2113211 Procedure for introduction of new chemicals to Site	RISK2113150 Permit issuers (e.g. confined space authority issuer) appointed by Site Manager with 2 yearly review	RISK2113149 Confined space gas monitoring equipment specification		
Wilful breach Not recognised as a confined space (incl p	Golden rules and associated disciplinary process RISK2113944 Authorisation to Work -	Employee performance management process	Barriers to prevent entry to confined spaces RISK2113247 Confined Space Entry	Temporary guarding of confined space entry between work periods RISK2113246 Competency based	Contractor management procedures include Confined Space requirements RISK2113195 Barriers to prevent entry to	Confined space warning signs on identified spaces (no unauthorised access) RISK2113154	Site Induction includes Confined Space awareness training RISK2113144 Decontamination	Sentry present during confined space activities RISK2113111	RISK2113021	RISK2113020	RISK2113019 Site Induction includes	RISK2113018 Workplace area specific	RISK2113017												
and sewers)	DNA2682841 Contractors provided training on how to use	Confined space entry between work periods RISK2113678 Confined Space Entry Procedure	RISK2113677 Personnel sign in and out each time space is	RISK2113676 Personnel in confined space monitored by sentry	RISK2113675 Portable (e.g. hand held) two way radios	Contractor management procedures include Confined Space requirements RISK2113674 Communication between sentry and entry team	procedures identify spaces which require decontamination before issue of a Confined Space Authority and entry Sentry trained in specific gas monitor to be used in /	assessment criteria (to determine if it is a Confined Space) RISK2113672 Confined space permit issuer checks the sentry is familiar with responsibilities	RISK2113671 Sentry present during confined space activities	RISK2113670 Competency based training requirements for	Confined Space awareness training RISK2113669 Induction of shutdown workforce includes	induction	RISK2113667 Site Induction includes Confined Space	RISK2113666 Temporary guarding of confined space entry	RISK2113665 Barriers to prevent entry to confined spaces	RISK2113664 Confined space warning signs on identified spaces	RISK2113663 Contractor management procedures include	RISK2113662 Permit issuers (e.g. confined space authority issuer) appointed by Site	RISK2113661 Verification of confined space entry qualification and familiarity with	RISK2113660 Man Down alarms	RISK2113659 → Personal gas monitor with in built fault alarms	RISK2113658 → Confined Space Entry Permit	Confined Space data	RISK2113656	
Monitoring / Testing equipment failure	Confined space entry equipment, processes including permi and controls Confined space gas monitoring equipment specification	RISK2113274 Continuous atmosphere monitoring of confined spaces	entered / exited RISK2113236 Calibration equipment and procedures (including use of test gases)	RISK2113028 Competency based training requirements for Confined Spaces	RISK2113027 Confined Space Entry Procedure	(includes lanyards, torches, flashing lights) RISK2113026 Personal gas monitor with in built fault alarms	RISK2113025 Portable gas testing unit with fault alarm	familiar with responsibilities fo the position and use of the atmosphere monitor RISK2113024 ← Challenge test of monitors before entry	RISK2113023 Testing of gas monitors in normal condition immediately prior to use	RISK2113022 Regular maintenance of portable gas monitor including calibration	contined space awareness		awareness training	between work periods		(no unauthorised access)	Confined Space requirements	issuer) appointed by Site Manager with 2 yearly review	equipment (e.g. analysers) prior to entry						
Defective or faulty isolations	RISK2113269 Confined Space atmosphere is tested prior entry	RISK2113267 Planned maintenance of electrical isolators	RISK2113266 Site Isolation Procedure	RISK2113265 Portable gas testing unit with fault alarm	RISK2113264 Confined space data sheet includes testing requirements (includes materials, temperature etc.)	RISK2113263 Atmosphere tester is trained in specific gas monitor to be used in / on confined space RISK2113254	RISK2113262 Continuous atmosphere monitoring of confined spaces	RISK2113261 Personal gas monitor with in built fault alarms	RISK2113260 Permit issuer inspects all isolations prior to permit issue	RISK2113210 Personnel sign in and out each time space is entered / exited	RISK2113209 Personnel in confined space monitored by sentry and recorded	RISK2113208 Communication between sentry and entry team (includes lanyards, torches, flashing lights)	RISK2113207 Sentry present during confined space activities	sheet	RISK2113156 Physical line breaks or slip plates used for vessels	RISK2113117 Standard and Master Isolation Schedule	RISK2113081 Portable (e.g. hand held) two way radios	RISK2113033 Competency based training requirements for Confined Spaces	RISK2113032 Confined Space Entry Procedure	RISK2113031 Proving isolation prior to commencing work	RISK2113029 Planned maintenance of pipelines & valving (includes condition monitoring & pipe rotation)	DICKO440020		DISKA442027	
Incorrect isolation o systems Specific hazardous substances of a space	DNA2682807 Sentry is identifiable (e.g. vest or helmet) RISK2113943		DNA2682805 Competency based training for isolation officers RISK2113941 Portable gas testing unit	RISK2113268 Confined Space atmosphere is tested prior entry RISK2113940 Confined Space	RISK2113255 Confined Space data sheets RISK2113939 Decontamination	Review of P&IDs versus actual configuration when preparing data sheets RISK2113251	RISK2113253 Site P&IDs for plant and equipment RISK2113241 Confined Space data	RISK2113252 Site Isolation Procedure RISK2113163 Confined space entry	RISK2113206 Personnel sign in and out each time space is entered / exited RISK2113152 Permit issuers (e.g.	RISK2113205 Personnel in confined space monitored by sentry and recorded RISK2113148 Work place bazardous	RISK2113204 Communication between sentry and entry team (includes lanyards, torches, flashing lights) RISK2113116 Roview of confined space	RISK2113203	RISK2113202 Atmosphere tester is trained in specific gas monitor to be used in / on confined space RISK2113108	RISK2113201 Confined space data sheet includes testing requirements (includes materials, temperature etc.) RISK2113107 Confined Space Entry	RISK2113200 Continuous atmosphere monitoring of confined spaces RISK2113106 Compostency based		RISK2113198 Permit issuer inspects all isolations prior to permit issue RISK2113104 Procedure for introduction	RISK2113160 Confined Space specific isolations listed on data sheet	RISK2113132 Isolation practices including use of locks, lock-boards and permits cross referenced, Master Isolation Schedule, etc	RISK2113118 Standard and Master Isolation Schedule	RISK2113040 Competency based training requirements for Confined Spaces	RISK2113039 Confined Space Entry Procedure	RISK2113038 Personal gas monitor with in built fault alarms	RISK2113037 e / Plant Isolation Procedures Portable with	RISK2113036 e gas testing unit n fault alarm
Specific hazardous substances of a space not identified or recognised Monitoring / Testing equipment incorrectly inappropriately	Pr Atmosphere tester is	in built fault alarms	Portable gas testing unit with fault alarm RISK2113232 Personal gas monitor with in built fault alarms	Confined Space atmosphere is tested prior entry RISK2113231 Continuous atmosphere monitoring of confined	sheet	RISK2113229 Ventilation systems shut	Confined Space data sheets RISK2113228 Location requirements for gas sampling included in	permit includes materials to be used and the limitations to applied within space or task	confined space authority issuer) appointed by Site Manager with 2 yearly review RISK2113165 Confined space permit issuer checks the sentry is	Work place hazardous substance assessment tool RISK2113164 Sentry trained in specific gas monitor to be used in /	Review of confined space data sheets on periodic basis RISK2113115 Competency based training requirements for	SDS available for all chemicals on site	RISK2113113 Sentry present during confined space activities	Confined Space Entry Permit	Competency based training requirements for Confined Spaces		 Procedure for introduction of new chemicals to site 								
Ineffective purging an decontamination of space (includes introduction of	trained in specific gas monitor to be used in / on confined space RISK2113306 Ventilation requirements listed on data sheet	RISK2113305 Confined Space Entry Procedure	RISK2113304 Sentry present during confined space activities	RISK2113303 Decontamination requirements listed on data	RISK2113302 Confined space gas monitoring equipment	down during gas testing (specified in data sheets) RISK2113301 Confined space data sheet includes testing	RISK2113300 Atmosphere tester is trained in specific gas	RISK2113299 Continuous atmosphere monitoring of confined	familiar with responsibilities fo the position and use of the atmosphere monitor RISK2113298 → Personal gas monitor with in built fault alarms	RISK2113297 Portable gas testing unit with fault alarm	RISK2113296 Confined Space atmosphere is tested prior	RISK2113295 Confined Space data sheets	RISK2113294 Confined Space Entry Permit	RISK2113293 Confined Space Register	RISK2113172 Wash down / hose out of work area were practical	RISK2113168 Ventilation requirement specifications - volume,	RISK2113145 Ventilation, air conditioning equipment	RISK2113136 Job planning (includes pre- start / progress meetings,							
hazardous gas e.g. nitrogen) Entry to confined spa when not necessary	e Cleaning methods and equipment which do not require entry (eg fixed	RISK2113291 Use of non invasive inspection techniques (eg. acoustic emission)	RISK2113290 Confined Space Entry Procedure	RISK2113289 Job planning (includes pre- start / progress meetings, shutdown sequencing,	RISK2113237 Permit issuers (e.g. confined space authority issuer) appointed by Site	requirements (includes materials, temperature etc.) RISK2113187 Permit issuer reviews alternatives to entry (enter only as a last resort if no	monitor to be used in / on confined space RISK2113186 Use of cameras etc to minimise need to enter confined spaces	spaces			entry					specifications - volume, flow & equipment configuration		shutdown sequencing, suitability for task, conflicting / incompatible tasks)							
Space not adequate designed for entry / egress	RISK2113249 Confined Space Entry Procedure	RISK2113239 Data sheet includes access and rescue requirements for safe entry	RISK2113238 Internal structures designed to allow safe access (eg internal ladders, platforms)	suitability for task, conflicting / incompatible tasks) Vessels & pits are easily decontaminated and avoid sections (e.g. dip legs) which can't be flushed	Manager with 2 yearly review RISK2113192 Internal fittings and structures do not impede access	alternatives available RISK2113191 Equipment provided for rescue (e.g. davit arms for lifting etc)	RISK2113190 Connections to space provided with ability to positively isolate (flanges for slip plates, removable spools)	Design specifications for space include entry requirements (man hole size, location etc)																	
Monitoring / Testing equipment not suited the task	RISK2113636 Confined Space Entry Procedure	RISK2113635 Personnel sign in and out each time space is entered / exited	RISK2113634 Personnel in confined space monitored by sentry and recorded	RISK2113633 Communication between sentry and entry team (includes lanyards, torches, flashing lights)	RISK2113632 Sentry trained in specific gas monitor to be used in / on confined space	RISK2113631 Sentry duties include monitoring gas detectors used in / on confined space	RISK2113630 Confined space permit issuer checks the sentry is familiar with responsibilities fo the position and use of the atmosphere monitor	RISK2113629 Sentry present during confined space activities	RISK2113628 Permit issuers (e.g. confined space authority issuer) appointed by Site Manager with 2 yearly review	RISK2113627 Ventilation systems shut down during gas testing (specified in data sheets)	RISK2113626 Decontamination requirements listed on data sheet	RISK2113625 Confined space gas monitoring equipment specification	RISK2113624 Confined space data sheet includes testing requirements (includes materials, temperature etc.)	RISK2113623 Atmosphere tester is trained in specific gas monitor to be used in / on confined space	RISK2113622 Continuous atmosphere monitoring of confined spaces	RISK2113621 Personal gas monitor with in built fault alarms	RISK2113620 Portable gas testing unit with fault alarm	RISK2113619 SDS available for all chemicals on site	RISK2113618 Procedure for introduction of new chemicals to Site	RISK2113617 Competency based training requirements for Confined Spaces	RISK2113616 → Confined Space data sheets	RISK2113615 Confined Space Entry Permit	RISK2113614 Confined Space Register		Legend
																									Risk Name



sonnel are exposed to a hazardous environm personnel are exposed to a hazardous environment sulting in fatality through engulfment, toxic exposure or asphyxiation. camples are: Incident within a confined space resulting from a pre-existing or altered environment. Includes poor decontamination, residual materials, failure of isolationists, collapse of internal materials such as packing, hazardous materials generated during the activities as in welding or fibreglass and depletion of sygen. Includes inability or delayed rescue in response to illness or injury Exclusions are: Engulfment occurring during construction activities (14-02), toxic exposures when not in confined spaces (16-02 to 16-07) oxygen epletion in normal working areas (16-25), and inrush of epletion in normal working areas (16-25), and inrush o ater into underground mines (06-02) and open pits (07 03).

18/08/2016

Pathway Threat Consequence Threat nsequence

