

	<h1>HEALTH & SAFETY RISK ASSESSMENT</h1>	Doc. #	HSERA-PRZ-DEWA-0646 Rev.: 0
		P.O #	3052301276
		Date	May 1, 2023
		Page	1 of 4

Ref. Doc. #	TSMS-PRZ-DEWA-0646	Title	Duct Insulation							
Item	Hazard	Risk Assessment			Controls / Mitigation Measures	Residual Risks (with controls)			Define when control to be implemented	
		P	S	R		P	S	R	Prior	During

1	Poor Access / Egress	2	2	D	Access to be kept clear at all times.	2	2	D		X
2	Work at Height:	3	3	B	<p>Risk Assessments will be carried out for all work at height.</p> <p>No standing on guard rails. Scaffold will be used for access (if required), to be checked more than once a week. Ladders will be secured & tagged.</p> <p>Where no safe working platform can be provided full body harnesses must be used and a suitable anchorage point be provided. However, collective fall protection will be given priority, where possible, over individual means such as Harnesses.</p>	2	2	D		X

Health & Safety Impact	
Probability (P)	Severity (S)
1 = Improbable	1 = Negligible
2 = Remote	2 = Minor
3 = Possible	3 = Severe
4 = Probable	4 = Extreme

Risk Resultant (R)				
	S1	S2	S3	S4
P1	-	-	D	C
P2	-	D	C	B
P3	D	C	B	A
P4	D	B	A	A

Conclusions	
A	Hazard MUST be avoided (or level of risk reduced significantly & reliably by controls)
B	Hazard SHOULD be avoided (or level of risk reduced significantly & reliably by controls)
C	Risk to be controlled as far as reasonably practicable
D	Risk is controlled as far as reasonably practicable
-	No control measures necessary

	<h1>HEALTH & SAFETY RISK ASSESSMENT</h1>	Doc. #	HSERA-PRZ-DEWA-0646 Rev.: 0
		P.O #	3052301276
		Date	May 1, 2023
		Page	2 of 4

Ref. Doc. #	TSMS-PRZ-DEWA-0646	Title	Duct Insulation							
Item	Hazard	Risk Assessment			Controls / Mitigation Measures	Residual Risks (with controls)			Define when control to be implemented	
		P	S	R		P	S	R	Prior	During

3	Welding and Grinding (Hot work)	3	3	B	<p>DIWA hot work permit in place and no work to begin until all appropriate permits are in place.</p> <p>Full P.P.E. including shield, high necked jacket, neck scarf, ear protectors, gauntlets, safety boots (inside trouser legs) must be worn at all times.</p> <p>The area will be fully shielded off or otherwise isolated to protect others from flash or flying particles.</p> <p>Area must be free of all flammable wastes and materials and welder to have a fire extinguisher at hand.</p> <p>The welding leads must be regularly checked to verify that they are in a serviceable condition.</p> <p>Leads will be kept off floors, stairs and all access routes to prevent trip hazards.</p> <p>All welding within confined spaces or where space is tight, will be assessed for ventilation prior to proceeding with work.</p>	2	2	D		X
---	---------------------------------	---	---	---	---	---	---	---	--	---

Health & Safety Impact	
Probability (P)	Severity (S)
1 = Improbable	1 = Negligible
2 = Remote	2 = Minor
3 = Possible	3 = Severe
4 = Probable	4 = Extreme

Risk Resultant (R)				
	S1	S2	S3	S4
P1	-	-	D	C
P2	-	D	C	B
P3	D	C	B	A
P4	D	B	A	A

Conclusions	
A	Hazard MUST be avoided (or level of risk reduced significantly & reliably by controls)
B	Hazard SHOULD be avoided (or level of risk reduced significantly & reliably by controls)
C	Risk to be controlled as far as reasonably practicable
D	Risk is controlled as far as reasonably practicable
-	No control measures necessary

	HEALTH & SAFETY RISK ASSESSMENT	Doc. #	HSERA-PRZ-DEWA-0646 Rev.: 0
		P.O #	3052301276
		Date	May 1, 2023
		Page	3 of 4

Ref. Doc. #	TSMS-PRZ-DEWA-0646	Title	Duct Insulation							
Item	Hazard	Risk Assessment			Controls / Mitigation Measures	Residual Risks (with controls)			Define when control to be implemented	
		P	S	R		P	S	R	Prior	During

					This will be covered in the daily task risk assessment.					
4	Slip, Trips and Falls	3	3	B	Keep access ways clear / tidy at all times, Watch footing for uneven ground.	2	2	D		X
5	Poor Supervision	3	3	B	Prizm supervision will be in place at all times. Prizm safety supervision will be present on site during the course of the work.	2	2	D		X
6	Lifting appliances	3	3	B	All Test certificates, Safe Working Load and applicable CR forms must be up to date and issued to the safety dept. prior to work starting.	2	2	D	X	
7	Non-compliance to use of PPE	3	3	B	The site requirement for the use of PPE will be adhered to at all times and disciplinary measures will be taken if non-compliance is observed.	3	3	C		X

Health & Safety Impact	
Probability (P)	Severity (S)
1 = Improbable	1 = Negligible
2 = Remote	2 = Minor
3 = Possible	3 = Severe
4 = Probable	4 = Extreme

Risk Resultant (R)				
	S1	S2	S3	S4
P1	-	-	D	C
P2	-	D	C	B
P3	D	C	B	A
P4	D	B	A	A

Conclusions	
A	Hazard MUST be avoided (or level of risk reduced significantly & reliably by controls)
B	Hazard SHOULD be avoided (or level of risk reduced significantly & reliably by controls)
C	Risk to be controlled as far as reasonably practicable
D	Risk is controlled as far as reasonably practicable
-	No control measures necessary

	HEALTH & SAFETY RISK ASSESSMENT	Doc. #	HSERA-PRZ-DEWA-0646 Rev.: 0
		P.O #	3052301276
		Date	May 1, 2023
		Page	4 of 4

Ref. Doc. #	TSMS-PRZ-DEWA-0646	Title	Duct Insulation							
Item	Hazard	Risk Assessment			Controls / Mitigation Measures	Residual Risks (with controls)			Define when control to be implemented	
		P	S	R		P	S	R	Prior	During

8	Poor Housekeeping	3	3	B	Enforce ' Clean as you go ' policy. Leads to be kept off floor. No materials to be stored under the pipe rack. Cordoned off area will only contain the welding plant & shield.	2	2	D		X
9	Manual handling	3	3	B	All Prizm operatives will have received manual handling training.	2	2	D		X

Health & Safety Impact	
Probability (P)	Severity (S)
1 = Improbable	1 = Negligible
2 = Remote	2 = Minor
3 = Possible	3 = Severe
4 = Probable	4 = Extreme

Risk Resultant (R)				
	S1	S2	S3	S4
P1	-	-	D	C
P2	-	D	C	B
P3	D	C	B	A
P4	D	B	A	A

Conclusions	
A	Hazard MUST be avoided (or level of risk reduced significantly & reliably by controls)
B	Hazard SHOULD be avoided (or level of risk reduced significantly & reliably by controls)
C	Risk to be controlled as far as reasonably practicable
D	Risk is controlled as far as reasonably practicable
-	No control measures necessary