Job Safety Analysis - Prestart

THIS IS A DAILY DOCUMENT – ALL EMPLOYEES AND SUBCONTRACTORS MUST BE SIGNED ON – NO EXCEPTION

Customer Name	Aurizon	Customer Contact	
Job Number		Customer Order Number	
Job Start Date		Job Completion Date	

Site:	Contractor: Transaudit Ltd	Location:

JSA developed & Reviewed by the Following Personnel:

No.	Name	Signature	Date	No.	Name	Signature	Date
1				12			
2				13			
3				14			
4				15			
5				16			
6				17			
7				18			
8					Works Supervisor:		
9					Superintendent: NA		
10					Operator: NA		
11							

In the event of injury is a member of the team First Aid Qualified?

YES / NO

If Yes, Who:

State the point where an injured person would be taken:

Minor: FIRST AID

Serious: MEDICAL CENTRE

Customer Reviewed JSA / SWMS / JSEA		Customer Representative Name	
Review Date	11-Oct-2017	Satisfactory for Tasks / Job - Customer to sign	
Transaudit Reviewer Name	G Noble	Transaudit Review Date	

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transaudit
where knowledge is power

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All other JSA's – Tick the boxes that best describes the level of RISK that personnel may be exposed to:													
Electrical	☐ N/A ☒ Low ☐ Med ☐ High	Vehicles	☐ N/A ☒ Low ☐ Med ☐ High	Pressure	☒ N/A ☐ Low ☐ Med ☐ High	Weather	☐ N/A ☒ Low ☐ Med ☐ High	Radiation (Hot Work / Sun)	☒ N/A ☐ Low ☐ Med ☐ High	Heat	☐ N/A ☒ Low ☐ Med ☐ High	Falling refractory	☒ N/A ☐ Low ☐ Med ☐ High
Chemical	☒ N/A ☐ Low ☐ Med ☐ High	Height	☒ N/A ☐ Low ☐ Med ☐ High	Access	☒ N/A ☐ Low ☐ Med ☐ High	Bacteria	☒ N/A ☐ Low ☐ Med ☐ High	Rotating Equipment	☒ N/A ☐ Low ☐ Med ☐ High	Dehydration	☐ N/A ☒ Low ☐ Med ☐ High	Engulfment	☒ N/A ☐ Low ☐ Med ☐ High
Tools	☐ N/A ☒ Low ☐ Med ☐ High	Depth	☒ N/A ☐ Low ☐ Med ☐ High	Vibration	☒ N/A ☐ Low ☐ Med ☐ High	Dust	☒ N/A ☐ Low ☐ Med ☐ High	Moving Equipment	☒ N/A ☐ Low ☐ Med ☐ High	Hot / Cold objects	☒ N/A ☐ Low ☐ Med ☐ High	Lighting	☒ N/A ☐ Low ☐ Med ☐ High h
Gases	☒ N/A ☐ Low ☐ Med ☐ High	Weight	☒ N/A ☐ Low ☐ Med ☐ High	Noise	☐ N/A ☒ Low ☐ Med ☐ High	Slip / Trip	☐ N/A ☒ Low ☐ Med ☐ High	Lifting Equipment	☒ N/A ☐ Low ☐ Med ☐ High	Overhead Hazards	☒ N/A ☐ Low ☐ Med ☐ High	Manual Handling	☐ N/A ☒ Low ☐ Med ☐ High

P.P.E Requirements				**Plant, Equipment & Tools for Job**				**Isolation, Tagging, Barricades & Signs**		**Further Information Required**	
Safety Harness		**Tinted Safety Glasses**		**Step Ladder**		**Inert Gas**		**Electrical Isolation Tags**		**Work Permit**	
Steel capped Boots / Gum Boots		**Clear Safety Glasses**		**Hand Tools**		**Extension Leads**		**Barricade Tape**		**Hot Work Permit**	
Hard Hat		**Face Shield**		**Fire Extinguisher**		**Battery Vacuum Pump**		**Manual handling Instructions**		**Procedures**	
Hearing Protection		**Gloves - Nitrile**		**Cameras – digital / thermal**		**Battery Tools I.e. Rattle Gun**				**Work Instructions**	

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RISK ASSESMENT MATRIX – A tool for assessing risk					
What would the OUTCOME of an occurrence be?	**What is the LIKELIHOOD of an occurrence?**				**Hierarchy of Controls**
	Very Likely	**Likely**	**Unlikely**	**Very Unlikely**	Can the hazard be **Eliminated** or removed from the work place?
Death or Permanent Disability	**1 (High)**	**1 (High)**	**1 (High)**	**2 (Medium)**	Can the product or process be **Substituted** for less hazard alternative?
Serious injury or Illness	**1 (High)**	**2 (Medium)**	**2 (Medium)**	**3 (Low)**	Can the hazard be **Engineered** away with guards or barriers?
Medical Treatment	**2 (Medium)**	**2 (Medium)**	**3 (Low)**	**3 (Low)**	Can **Administration Controls** be adopted i.e. procedures, job rotation etc?
First Aid Treatment	**2 (Medium)**	**2 (Medium)**	**3 (Low)**	**3 (Low)**	Can **Personal Protective Equipment** & Clothing be worn to safe guard against hazard

No.	**Description of Job Step** *What is the job step by step?*	**Potential Hazards** *What are the Hazards with each step?*	Risk Score	**Hazard Controls Measures** *What hazard control measures will be used?*	New Risk Score
1	Access Site	Multiple	M	Ensure all work party members are appropriately inducted Follow customer instructions at all times especially if crossing rail tracks by foot or with vehicle Trains must be considered at all times. Keep clear of points and ensure adequate footing if walking on ballast Create “Take 5” assessment Understand ingress & exit points	L
2	Driving vehicles	Pedestrian, vehicle	M	Ensure vehicle access granted, licensed driver, obey all signage and observe speed limit Follow customer instruction	L
2a			M	Observe all road rules or site speed limits No mobile phone use while driving except on hands free Alcohol & Drug policy applies at all times – Procedure TA_0002 drug and alcohol policy	L

				Fatigue Management Applies at all times – Procedure TA_0006 fatigue management	
3	Unloading Vehicle	Slips, Trips	M	Ensure unloading area clear of trip hazards	L
3a		Sprains, Strains	M	Use correct manual handling procedure; 2 man lifts and mechanical aids where required	L
4	Accessing HV sub	Electrocution (live exposed conductors)	M	Observe safe working distances to Australian / NZ standard or site rules, whichever greater. Create "Take 5" assessment at each new sub Follow customer instruction	L
5	Oil sampling, thermography, audits	Noise Heat Slips & Trips Sharp objects	M	Use hearing protection when needed Ensure hydration. Drink a minimum of 500ml water every hour or as needed. Watch urine colour – see chart at end of this document. Survey area before accessing. When using camera (IR or DI), ensure movement after looking. Survey with IR camera when stationary only. Wear knee pads at all times during sampling Use gloves if moving objects or risk of cut/graze is present	L
6	Snakes / Spiders / Reptiles / Insects	Bites Poisoning Allergic Reactions	M	Snakes / Reptiles: Check transformer / substation on entry for snakes. Never approach a snake, back away and wait in vehicle until snake leaves area. Beep horn or rev motor to scare snake into moving. Ensure all other staff are aware of snake hazard. If bitten, immediately apply pressure to wound, elevate and seek immediate medical attention. Use radio / mobile to contact emergency services. Try and get a photograph of snake for ID purpose. Spiders: Treat all spiders as poisonous. If bitten, immediately apply pressure to wound, elevate and seek immediate medical attention. Use radio	M

				/ mobile to contact emergency services. Try and get a photograph of spider for ID purpose. Insects: Use DEET to keep insects off skin. If bitten, use calamine lotion to sooth – do not scratch. Monitor and seek medical assistance if bites torn septic of you develop fever or illness.	

IF IT ISN'T SAFE, DON'T DO IT. REPORT ALL ACCIDIENTS

How dehydrated are you?

A quick way to test how well you're hydrated is to check the colour of your urine.