



EXAMPLE DOCUMENT ONLY

CBTA

Working at Heights & Dropped Objects

SP/TRN/TM82

Candidate's Name: _____

Candidates Signature: _____

Assessor's Name: _____

Assessor's Signature: _____


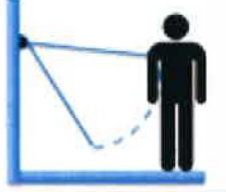
Date Completed: CBT A Reassessment:

Those with a formal Working at Heights qualification must complete this CBTA once, all others must complete the demonstrative component 3 yearly.

Written

Question	Answer	Assessor check
What procedure covers the topics of Working at Heights and Dropped Objects?	WORKING AT HEIGHTS GP/PS/PC31	
According to the procedure, when is a worker considered to be Working at Heights?	WHEN WORKING ABOVE 2 METERS	
Name two different methods that can be used to prevent a fall from heights.	FALL ARREST, FALL RESTRAINT, PASSIVE FALL PREVENTION	
What important step can you take to determine the most effective form of fall prevention?	A DOCUMENTED FALL RISK ASSESSMENT	
What should be considered in a JHA aimed at preventing a fall from heights?	-THE CAPACITY OF THE WORKING SURFACE, ENVIROMENTAL CONDITONS, THE TOOLS REQUIRED, THE NATURE OF THE WORK ECT	
What is a passive fall prevention device?	A PASSIVE FALL PREVENTION DEVICE PROVIDES THE HIGHEST LEVEL OF SAFETY (LEVEL 2) EXAMPLES ARE A SCAFFOLD, ELEVATED WORK PLATFROM	
Name four hazards in our workplace that must be considered when planning to work from heights.	WORK ABOVE LIVE PLANT, UNSTABLE SOFT GROUND, COLD OR HOT WORK ARE (TYPE OF WORK), WIND SPEED. <i>Dropped objects, lack of delineation</i>	
When would you use a ladder to conduct work at heights (above 2 metres)?	WHEN A SAFER OPTION IS NOT AVAILIABLE, A LADDER IS A HIGH RISK PLATFORM TO WORK FROM. SUITABLE FOR GAINING ACCESS FOR THE PURPOSE OF INSPECTION. <i>connected to a scaffold, apart from that never</i>	

Oral

Question	Assessor check	
<p>What is a safety lanyard and how would you determine whether the safety lanyard is safe to use?</p>	<p>A SAFETY LANYARD IS USED WHEN WORKING IN A FALL ARREST POSITION. THEY SLOW YOUR RATE OF FALL AND REDUCE INJURY. MUST BE USED A HEIGHT TO ALLOW FULL EXTENSION OF THE SAFETY LANYARD PLUS THE HEIGHT OF THE PERSON WITHOUT HITTING THE GROUND.</p>	<p>Tb</p>
<p>Which picture demonstrates fall prevention and which one demonstrates fall arrest? Explain the difference between fall prevention and fall arrest?</p>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>FALL PREVENTION</p> </div> <div style="text-align: center;">  <p>FALL ARREST</p> </div> </div>	<p>Tb</p>
<p>When preparing your JHA for working at heights, what methods can you take to prevent an object falling?</p>	<p>ELIMINATION, SUBSTITUTION, ENGINEERING, ADMIN, PPE.</p>	<p>Tb</p>
<p>What must you put in place around your work area to ensure other workers nearby or passing through aren't in the line of fire of a falling object?</p>	<p>A HARD OR SOFT BARRICADE WITH INFORMATION TAGS IN PLACE.</p>	<p>Tb</p>
<p>Name four controls you can put in-place to prevent a dropped object?</p>	<p>TOOL LANYARD, CATCH NET LIKE SHADE CLOTH, COMPLETE THE WORK ON THE GROUND IF POSSIBLE, HOUSE KEEPING, SECURE LOADS.</p>	<p>Tb</p>

Demonstrative

Question	Assessor check
Based on a Working at Heights scenario, or real work to be conducted, prepare a JHA demonstrating your understanding of the procedure GP/PS/PC31. Put in place realistic Working at Heights & Dropper Object controls to prevent a fall or a dropped object. Or Conduct a Permit to Work Audit on a job where Working at Heights is being conducted. Assess the JHA linked to the permit and identify any gaps.	

The candidate is assessed as being:

Competent

Not yet competent

Areas requiring improvement:

For first time candidates only:

Department Manager's name: _____

Department Manager's signature: _____ Date: _____



JOB HAZARD ANALYSIS (JHA)

JHA NUMBER:	ACTIVITY OR TASK TO BE PERFORMED: REPLACE TIT 3183 ON E-315 (TEG TRAIN 1)		
REVISION DATE:	1		
CWP #	NO FLAME HWP # XXXXXXX1	FLAME HWP #	CSEP #
JHA REVIEWED BY			
Name:	Signature:	Name:	Signature:

SITE MANDATORY PPE: Hard Hat / Safety Glasses / Safety Boots / Gloves / High Visibility Pants / Long Sleeve Shirt **(for chemical use check SDS for additional PPE)**

WORK LOCATIONS:	IONA GROUNDS	TRAIN 1 <input checked="" type="checkbox"/>	TRAIN 2	MLV	NORTH PAARATTE	WALLABY CREEK	OTHER
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HAZARDS TO BE CONSIDERED							
Remote Sites	Confined Space	Falling/Dropped Objects	<input checked="" type="checkbox"/> Flammable Materials Present	Sharp Materials	Manual Handling	Lighting	
Working Alone	Access/Egress	<input checked="" type="checkbox"/> Pressurised Fluids / Gas	Poor visibility / lighting	Suspended Loads	Ladders	Spill	
Electricity	Working at Heights	<input checked="" type="checkbox"/> Inhale Dusts / Fibres	Potential for difficult Rescue	Weather Conditions	<input checked="" type="checkbox"/> Fire/Explosion	Heat	<input checked="" type="checkbox"/>
Stored Energy	<input checked="" type="checkbox"/> Toxic Gases/substances	Trip Hazards	High Noise Levels	Tools / Equipment	<input checked="" type="checkbox"/> Communication	<input checked="" type="checkbox"/> Other:	
Use of Chemicals	Hydrocarbon Release	Slippery Surfaces	Moving Equipment	Competence/Skill	<input checked="" type="checkbox"/> Pneumatics		

ENVIRONMENTAL HAZARDS (IMPACTS)					
Air Pollution (dust, fumes)	Spills to drains water ways	Hazard to Flora / Fauna	Soil Erosion	Spills to Ground	Other:

EQUIPMENT REQUIRED						
Mobile Plant & Equipment	<input checked="" type="checkbox"/> Static Plant & Equipment	Scaffolding	Safety Equipment	<input checked="" type="checkbox"/> Rescue Equipment	<input checked="" type="checkbox"/> 2 Way Radio	<input checked="" type="checkbox"/> Other:

ADDITIONAL PRECAUTIONS REQUIRED							
SDS	Face Shield	Welding Face Shield	Barricading	<input checked="" type="checkbox"/> Breathing Apparatus	Chemical Gloves	Respirator or Dust Mask	Warning Signs
Goggles	Harness	Fall Arrest Systems	<input checked="" type="checkbox"/> Ventilation	Personal Locks/Tags	<input checked="" type="checkbox"/> Fire Extinguishers	Low Voltage Lighting	Other:

MANDATORY REQUIREMENTS



JOB HAZARD ANALYSIS (JHA)

Licensed Operator	<input checked="" type="checkbox"/>	Tested and Tagged Electrical Equipment	Trade Qualified	<input checked="" type="checkbox"/>	Certified Lifting Equipment	Spotter/Safety watcher	<input checked="" type="checkbox"/>	Other:	
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JOB HAZARD ANALYSIS (JHA)

DESCRIBE JOB STEP List the natural steps of the job. (Do not make the steps too broad or too fine)	POTENTIAL HAZARDS What are the potential hazards or risks identified for this part of the job step	MITIGATION – CONTROL Describe how the identified hazards / risks can be managed or removed (use hierarchy of controls to reach ALARP)	PERSON RESPONSIBLE for Implementing the Control
MOBILISE TO WORK FRONT AND ERRECT BARRICADE AROUND WORK AREA	ELEVATED WORK PLATFORM MALFUNCTION	PRE-START CHECK, LICENCED OPERATOR	P.I.C
	PEOPLE IN AREA	ERRECT BARRICADE BEFORE WORK BEGINS	SPOTTER
	VEHICLE TRAFFIC, ROUGH GROUND	SPOTTER TO WALK IN FRONT OF EWP TO WATCH FOR HAZARDS	Tech
	UNSTABLE GROUND/ Visit workplace prior	ENSURE OUTRIGGERS ARE STABLE	Tech
Prepare working at heights equipment.	Equipment damage	Check condition of harness, lanyards on tools, Radio, Ensure all tools and equipment are secure.	Work party
Review emergency rescue plan	Contact control room before operations	Confirm rescue plan and communication techniques with spotter, The Spotter must lower the JLG with the ground controls for height rescue. Confirm with control room when commencing work to check plant stability before working at height.	Work party
	Electric shock	Check isolation, Check work party are locked onto CCP	RO- ISO AUTH, Work party
Complete change of TIT gauge	Stored energy- damaged thermos well	Remove with care not to damage thermos well	Tech
	Thermal energy	Wear PPF if equipment is online	Tech
	Dropped tools	Always maintain lanyard's, never unhook	Tech
Pack up work area	Trip hazards	Housekeeping, leave workplace as you found it.	Work party
	Remove vehicle from area	Keep people clear, use spotter, gas detector	Work party
Debrief, Sign off	Review job to look for improvement's in process	Communicate with RO what has been found/ Completed	Work Party



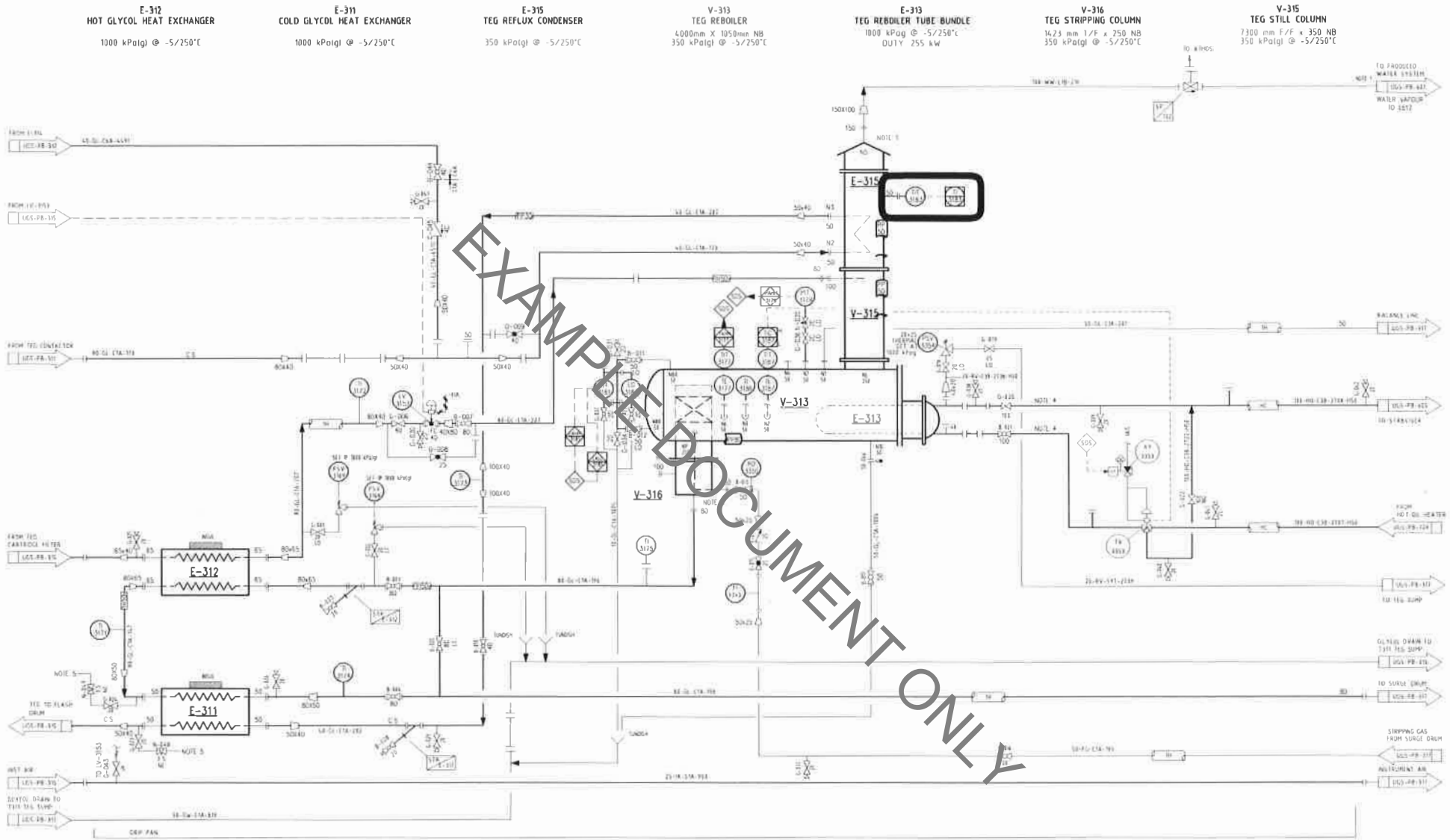
JOB HAZARD ANALYSIS (JHA)

JHA SIGN ON

Sign on when entering the work area and once you have reviewed and are familiar with the JHA contents.

Name:	Date / Time:	Signature:	Name:	Date / Time:	Signature:

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- NOTES
1. FUTURE RE-IN LINE TO BE BLANKED OFF - PHASE 1 OTCAS GOES TO ATMOSPHERE
PHASE 2 - OTCAS PIPED TO WATER SYSTEM
 2. DRAIN LINES TO BE MODIFIED AT SITE AS SHOWN ABOVE
 3. INJECTION NOZZLE FITTED ON STRIPPING GAS INLET
 4. REMOVABLE SPOOL FOR TUBE BUNDLE, REMOVE
 5. OPEN END TO DRIP PAN

 Uthde Sheddin A company of Thiesscorp Technologies		UGS-PB-317	TEG REGENERATION SYSTEM	11	21/08/18	LOPS PROJECT - AS BUILT	11	21/08/18	11	21/08/18	11	21/08/18	11	21/08/18	11	21/08/18	11	21/08/18	11	21/08/18	
		UGS-PB-315	TEG REGENERATION SYSTEM	12	21/08/18	CHANGE TO 317 TO FIT 317	12	21/08/18	12	21/08/18	12	21/08/18	12	21/08/18	12	21/08/18	12	21/08/18	12	21/08/18	
[CAD] A1		UGS-PB-311	TEG REGENERATION SYSTEM	13	21/08/18	STRAINERS NUMBERED	13	21/08/18	13	21/08/18	13	21/08/18	13	21/08/18	13	21/08/18	13	21/08/18	13	21/08/18	
JOB DIRECTORY: 2564.0		UGS-PB-315	TEG REGENERATION SYSTEM	14	25/11/13	MODIFICATION OF SAMPLE POINTS AS PER EB575	14	25/11/13	14	25/11/13	14	25/11/13	14	25/11/13	14	25/11/13	14	25/11/13	14	25/11/13	
PRJ NAME: PB-316-18		UGS-PB-311	TEG REGENERATION SYSTEM	15	12/09/11	GENERAL REVISION	15	12/09/11	15	12/09/11	15	12/09/11	15	12/09/11	15	12/09/11	15	12/09/11	15	12/09/11	
DRAWING NO: PB-316-18		REFERENCE DRAWINGS		No. DATE		REVISION		ORIGINATOR		DESIGN CHECKED		ENGINEER		PROJECT APPROVED		CLIENT APPROVED		SCALE: NTS		DRW NO: UGS-PB-316	
JOB DIRECTORY: 2564.0		DRAWING NO: PB-316-18		No. DATE		REVISION		ORIGINATOR		DESIGN CHECKED		ENGINEER		PROJECT APPROVED		CLIENT APPROVED		SCALE: NTS		DRW NO: UGS-PB-316	

IONA GAS PLANT
TEG REGENERATION (TRAIN 1 OF 2)
PIPING & INSTRUMENTATION DIAGRAM
SCALE: NTS
DRW NO: UGS-PB-316
REV 18