

RIIMPO301: CONDUCT HYDRAULIC EXCAVATOR OPERATIONS – EQUIPMENT FAMILIARISATION

This document is only to be used after completing the initial unit standard training to authorise for any subsequent equipment familiarisations.

Please print clearly: Illegible or incomplete forms will be returned and processing will be delayed.

Authorisation details:			
Equipment type (including make and model): 9400 LEIBHERR			
Equipment owner (please select): <input checked="" type="checkbox"/> Peabody Owned <u>or</u> <input type="checkbox"/> Contractor Owned			
Site authorising at (must be separately authorised at each site): <input type="checkbox"/> Coppabella <u>or</u> <input checked="" type="checkbox"/> Moorvale			
Candidate details:			
Full name:	Grant Turnbull	DOB:	10.06.76
Employer:	Peabody	OSTE ID#:	642174
Evidence: (details must be included, e.g. RIIMPO301 certificate dated 10/02/16 etc.)			
<input checked="" type="checkbox"/>	Mandatory – Site authorisation: CMJV Conduct hydraulic excavator operations: completed 25/01/19		
<input type="checkbox"/>	Machine specific theory (where applicable):		
<input checked="" type="checkbox"/>	Type: CAT 6060 AUTHORIZED MOORVALE.		
<input type="checkbox"/>	Type:		
I confirm that the information provided is accurate and that I have confirmed the records entry in OSTE or have attached evidence.			
Assessor:	ANDREAS LOIZON	Sign and date:	[Signature] 13/2/22
Department Supervisor approval (required before any training is to take place):			
Full Name:	ANDREAS LOIZON	Sign and date:	[Signature] 13/2/22
Final assessment acknowledgment:			
Overall assessment result (please select): <input checked="" type="checkbox"/> Satisfied <input type="checkbox"/> Not satisfied			
Restriction to authorisation (please select): <input checked="" type="checkbox"/> Nil <input type="checkbox"/> Yes – identified in assessor comments			
Supervisor:	ANDREAS LOIZON	Sign and date:	[Signature] 13/2/22
Content Expert:		Sign and date:	
Assessor:	ANDREAS LOIZON	Sign and date:	[Signature] 13/2/22
Candidate:	Grant Turnbull	Sign and date:	[Signature] 13.2.22
Site Senior Executive / Site Senior Executive delegate authorisation:			
Full name:	Andrew Foley	Sign and date:	[Signature] 17/02/2022

RIIMPO301 – Practical component

Note: The type of evidence used in the assessment must be identified in each instance.

Assessment stage		Evidence: <small>(at least one must be selected)</small>				Meets requirements: <small>(please select)</small>	
#	Practical demonstration	Observation	Simulation	Verbal	Testimony	S	NS
1	<p>Completes the shift changeover</p> <ul style="list-style-type: none"> • Participates in shift changeover meeting • Gets / gives verbal feedback on current status • Liaises with relevant personnel • Verifies plant condition and maintenance requirements • Reviews safety reports • Discusses existing and emerging hazards • Reviews environmental hazards • Identifies hazards / incidents from previous shift • Reviews quality issues • Reviews and explains the production plan • Uses correct PPE • Confirms details of task <ul style="list-style-type: none"> - Location - Destination - Suitable equipment 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Assessment stage

Evidence: (at least one must be selected)
Meets requirements: (please select)

#	Practical demonstration	Observation	Simulation	Verbal	Testimony	S	NS
2	<p>Risk assesses work area for hazards throughout the shift</p> <ul style="list-style-type: none"> • Completes safety inspection of work area: <ul style="list-style-type: none"> - Identifies existing hazards - Identifies emerging hazards • Completes documentation as per area safety requirements • Implements control measures as identified • Ensures work area is clean and tidy before commencing task • Identifies, obtains and implements traffic management signage requirements 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	<p>Performs isolation, locking and tagging as per procedures</p> <ul style="list-style-type: none"> • Applies lock and tag to relevant isolation point • Confirms effective isolation by 'checking for dead' 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	<p>Conducts a walk-around inspection and explains the functions of the major components</p> <ul style="list-style-type: none"> • Superstructure • Undercarriage • Front end equipment • Fire suppression system • Reports faults and defects • Completes checklist 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Assessment stage

Evidence:

(at least one must be selected)

Meets requirements:

(please select)

#	Practical demonstration	Observation	Simulation	Verbal	Testimony	S	NS
<p>5</p> <p>Completes pre-start inspections</p> <ul style="list-style-type: none"> • Completes pre-start checklist • Tags and isolates • Adjusts seat and seat belt • Selects, and checks for faults, equipment and / or attachments for work activities • Reports faults and defects • Checks hydraulic tank relief valve • Identifies and explains each gauge, warning light and management system • Coordinates activities with others at the site prior to commencing, during and on completion of the work activity 		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>6</p> <p>Completes excavator start up</p> <ul style="list-style-type: none"> • Sounds warning • Starts and runs machine at low idle for the required duration • Monitors gauges for equipment status throughout the shift • Checks swing brake for operation • Checks all hydraulic functions • Identifies and explains the appropriate response for the following warnings: <ul style="list-style-type: none"> - low hydraulic oil pressure - gear box temperature • Connects auxiliary hydraulic lines and buckets/attachments when required 		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Assessment stage

Evidence: (at least one must be selected)
Meets requirements: (please select)

#	Practical demonstration	Observation	Simulation	Verbal	Testimony	S	NS
7	<p>Trams excavator to work area</p> <ul style="list-style-type: none"> • Sounds warning • Positions bucket for travel • Controls the movement of the excavator <ul style="list-style-type: none"> - undulating floor conditions - overhead clearances - ramp grades - cable location - track motor positioning - rough and broken ground - liaises with haul trucks - walks the excavator on a straight line • Walks onto and off a bench as per procedure 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	<p>Prepares work area</p> <ul style="list-style-type: none"> • Inspects and prepares work area in coordination with others • Identifies hazards and implements control measures • Continuously monitors hazards and risks, and ensures safety of self, other personnel, plant and equipment • Accesses, interprets and clarifies geological, technical and survey data required to complete the allocated work • Determines appropriate path of movement for loads and equipment / vehicles • Establishes a flat, level, stable pad <p><i>Continues over the page</i></p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Assessment stage

Evidence: (at least one must be selected)
Meets requirements: (please select)

#	Practical demonstration	Observation	Simulation	Verbal	Testimony	S	NS
8	<p>Prepares work area</p> <ul style="list-style-type: none"> • Checks pad for appropriate height • Develops spotting position for trucks: <ul style="list-style-type: none"> - free of spillage - on grade - maintains minimum swing ark - liaises with haul trucks • Keeps clear of obstacles and does not run over items • Identifies signs of operator fatigue and how it should be managed • Applies site quality requirements in all operations • Effectively uses the heel of the bucket • Establishes bunding as required • Jump turns the excavator when appropriate • Erects barricades and posts signs as required by site procedures 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	<p>Positions excavator and undertakes side casting</p> <ul style="list-style-type: none"> • Accesses, interprets and clarifies geological and survey data required to complete the allocated work • Liaises with haul trucks • Controls movement of bucket • Continuously monitors hazards and risks, and ensures safety of self, other personnel, plant and equipment • Monitors and manages equipment performance using gauges, indicators, and warning signals to ensure efficiency of operations <p><i>Continues over the page</i></p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Assessment stage

Evidence: (at least one must be selected)
Meets requirements: (please select)

#	Practical demonstration	Observation	Simulation	Verbal	Testimony	S	NS
9	<p>Positions excavator and undertakes side casting</p> <ul style="list-style-type: none"> Acts on or reports monitoring systems and alarms Controls distribution of bulk material into materials handling equipment considering load limits, and ensuring equipment stability Selects and modifies the operating technique to appropriately meet changing work conditions Completes the work plan, within the operating capacities of the equipment 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	<p>Positions excavator and undertakes trenching</p> <ul style="list-style-type: none"> Accesses, interprets and clarifies geological and survey data required to complete the allocated work Maintains stability of excavator Continuously monitors hazards and risks, and ensures safety of self, other personnel, plant and equipment Establishes safety berms as required Monitors and manages equipment performance using gauges, indicators, and warning signals to ensure efficiency of operations Acts on or reports monitoring systems and alarms Adheres to survey requirements Controls distribution of bulk material into materials handling equipment considering load limits, and ensuring equipment stability Stockpiles material in designated location Selects and modifies the operating technique to appropriately meet changing work conditions Completes the work plan, within the operating capacities of the equipment 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Assessment stage

Evidence: *(at least one must be selected)* Meets requirements: *(please select)*

#	Observation	Simulation	Verbal	Testimony	S	NS
<p>Positions excavator and undertakes loading</p> <ul style="list-style-type: none"> • Accesses, interprets and clarifies geological and survey data required to complete the allocated work • Maintains a safety trough re face fall • Distributes load in truck as per procedure • Maintains 'no dig' boundaries • Directs trucks for loading and dumping • Controls distribution of bulk material into materials handling equipment considering load limits, and ensuring equipment stability • Loads trucks as per procedure <ul style="list-style-type: none"> - Top loading - Bottom loading - Over the rail loading - Maintains cycle times - Liaises with clean-up machine • Adheres to survey requirements • Monitors and manages equipment performance using gauges, indicators, and warning signals to ensure efficiency of operations • Acts on or reports monitoring systems and alarms • Selects and modifies the operating technique to appropriately meet changing work conditions • Continuously monitors hazards and risks, and ensures safety of self, other personnel, plant and equipment • Maintains communication with trucks • Completes the work plan, within the operating capacities of the equipment 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Assessment stage

Evidence: (at least one must be selected)
Meets requirements: (please select)

#	Practical demonstration	Observation	Simulation	Verbal	Testimony	S	NS
12	<p>Responds to simulated fire emergency</p> <ul style="list-style-type: none"> Obtains and interprets emergency procedures Raises the emergency alarm Locates the evacuation point Parks up excavator and simulates activation of the fire suppression system 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	<p>Parks and shuts down the excavator</p> <ul style="list-style-type: none"> As per Procedure required by OEM and site SHMS Controls energy Makes machine fundamentally stable Does not provide a hazardous situation to others Shuts down the vehicle <ul style="list-style-type: none"> Selects appropriate park area Access ways are clear Lowers all attachments to ground Places all controls in neutral Applies brakes Idles down prior to shutdown Vehicle / equipment is secured as required by site procedures Establishes and maintains communication with relevant personnel 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Assessment stage

Evidence: *(at least one must be selected)*
 Meets requirements: *(please select)*

#	Practical demonstration	Observation	Simulation	Verbal	Testimony	S	NS
14	<p>Carries out operator housekeeping</p> <ul style="list-style-type: none"> Removes all debris and rubbish from cabin Cleans windows, lights and mirrors Cleans and stores hand tools Cleans the undercarriage out as needed Clears work area and disposes of or recycles materials Disposes oil / grease rags in dedicated container Stores any attachments or ancillary equipment Manages and / or reports hazards, and maintains a safe working environment Completes excavator operators log 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15	<p>Carries out operator maintenance</p> <ul style="list-style-type: none"> Parks safely, shuts down and prepares excavator for maintenance Conducts visual inspection and fault finding Reports faults and damage Rectifies defects / performs scheduled maintenance tasks; servicing and minor repairs as per site policy Tops up all fluids as needed Carries out regular programmed maintenance tasks Completes records / documentation Returns excavator to service 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Assessor comments

The trainer and/or assessor are to list and supply all relevant information/evidence relating to each section of the training and assessment process. This must include details of content experts used. If the trainee is found to have not satisfied the training requirements in any of the required criteria, the trainer(s) and assessor(s) are to list the details of a retraining plan including allocating timescales for further retraining and assessment.

2. Final Assessment

Comments: GRANT HAS THE SKILLS AND KNOWLEDGE TO BE DEEMED

LomREBUR

Restrictions to authorisation (if required):

Content Expert:		Signature and date:	
Assessor:	<u>Andreas Loren</u>	Signature and date:	<u>[Signature]</u> <u>13/2/22</u>

General description of changes from previous version

- New document

End of assessment