Competency Assessment - Internal Crane (Chain Hoist)



Assessor	Trainee	Date	/	/
Refer to prestart checklist and confirm pre	start completion requirements with tra	inee.		
Work through below with trainee				

Office	Competent
Trainee is aware of the Accessing and Working in Wind Turbine Generator Procedure – Operating the	
internal crane (chain hoist).	
Trainee is aware of the Accessing and Working in Wind Turbine Generator Procedure – Managing the	
'drop zone'.	
Trainee is Aware of the importance of reporting defects, parts stocked, inspection work order	
frequency and what that involves.	
Discuss with trainee previous/potential incidents, give awareness of the dangers associated with the	
use of the internal crane Bag drops, hook failures, chain breaks, chain jamming in hoist, dropped	
objects.	
Prestart	Competent
The 'once per job principal' for the prestart.	
Visually check hoist looking for signs of damage/deformations, missing components, loose bolts, and	
screws.	
Check hoist power lead for any damage.	
Visually inspect chain guide.	
Check wear of rubber elements.	
Check safety latch on hook operates correctly.	
Check condition of chain (Check also during operation both audible and visual).	
Check condition and operation of bottom hatches, including catches to hold hatches up. Instructor to	
inform trainee how to rectify when seized.	
Ensure trainee is aware of the requirements to be harnessed and work in fall restraint when opening	
the hatches, and at all times when the bottom hatches are open.	
Where to isolate the crane.	
Location of emergency stop.	
Control and Function Test	Competent
Functional check of lift limiter, brake, and pendant controls.	
Check operation of hoist.	

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Other Safety Considerations	Competent
Check wind speed, make aware of methods to avoid chain dragging. Wind speed is an operational	
consideration and operators should avoid using hoist in excessively windy conditions.	
Aware of appropriate hand signals.	
Method for safely flaking chain on ground.	
Important not to drag chain in gravel while sticky, picks up debris and damages internals of hoist.	
How the hoist is packed away and locked in place to avoid sliding on rail and damaging turbine	
components.	
Instructor to ensure that trainee is aware of the requirements to only hoist rated lifting bags, or	
equipment with rated and designated attachment points. All lifting bags must have a closed top and	
other items must have attachments, loose parts must be secured.	

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Comments:					
The person being assessed () has completed a competency asse	essment for				
the identified device or plant listed above. The assessment has covered the identified items which are	required for				
•	required for				
the safe operation of the device or plant.					
Assessor signature					