



TIDD Crane Familiarisation training checklist  
Non-slewing hydraulic (Articulating) crane

**Trainee Details**

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Name: .....

Position: .....

Company Name: .....

Site: .....

Date of Familiarisation: .....

TIDD Crane

Model: PC25

Unit/Serial: .....

Year: .....

Note: The Familiarisation Checklist must be signed off by both parties before operating this Crane		
Familiarisation Activity	Explained by Instructor	Performed by Trainee
<b>PRE-START CHECKS</b>		
Check for Operators Manual and Log Book. Familiarise with requirements of each including; daily and weekly maintenance tasks		
Pre-Start Checks		
Battery Isolation and condition		
Check engine, transmission (crane to be running) and transfer box oil levels		
Check fuel and fill point		
Check pre-cleaner bowl and air filter		
Check muffler and exhaust pipe for damage		
Drain air tanks and check under crane for fluid leaks		
Check hydraulic reservoir oil level in sight glass		
Check rope on drum for lay		
Check winch for oil leaks		
Check boom in general for damage or cracks including angle indicator		
Check boom, rope and guides for damage		
Check for grease and condition of pins on boom pivot points		
Check tyres for condition, damage and pressure. Correct tyre pressure is essential for safe operation.		
Visual inspection of wheel nuts		
Check rear for damage to lights and camera		
Check counterweight lift rams, linkage and condition of chains & hooks.		
Check spreader bar and counterweight for damage and are pinned		
Check Luff ram for leaks and pins for damage		
Check front for damage to lights		
Check hooks, chains and slings for operation and wear		
Check axles and suspension for damage or wear		
Familiarise daily grease points		
Check outside of cab for damage		
Check fire extinguisher is fully charged and in date		

Familiarisation Activity	Explained by Instructor	Performed by Operator
<b>INSIDE CABIN</b>		
Check load chart is in the crane and is legible		
Check seat adjustment and condition		
Check steering wheel adjustment		
Check windows and mirrors		
<b>ROAD TRAVEL</b>		
Check braking system (including engine brake) explain operation of park and engine brake (including use and application of each)		
Build air up to max before moving machine		
Check steering before moving machine		
Emergency steering operation and warning		
Ensure crane is in front wheel drive and park brake is off before driving		
Familiarise suspension levelling operation before driving (park brake released when setting)		
No engine / trans / abs / steering faults on screen		
Reversing crane and understanding of potential blind spots		
<b>CRANE OPERATION</b>		
Check crane controls (luff, extend and winch)		
Check holding brake		
Familiarise, activate and set computer		
Check computer for correct configuration before lifting		
Check load chart is read and understood		
Understand procedure to extend/retract manual extension		
No LMI faults on screen		
Familiarisation of side slope deration		
Operation of tyre inflation system (optional)		
Operation of Anti 2 Block (optional)		
Deployment and Operation of road-able counterweight (optional)		
Test drive and demonstrate all functions and controls		
<p><b>Acknowledgement:</b> Familiarised By: Name ..... Signature: .....</p> <p><b>Trainee:</b> I, ..... have been shown and familiarised with the Pre-start checks, Functions, Controls, Daily Maintenance and Safe Use of this Articulated Crane.</p> <p>Signature: ..... Date: .....</p>		