

## Record of Thorough Examination - Tower Crane

|                                                                        |                                                                        |
|------------------------------------------------------------------------|------------------------------------------------------------------------|
| <b>Owner</b> BYLOR JV                                                  | <b>Site</b> BYLOR JV                                                   |
| Hinkley Point C<br>Wickmoor Drove<br>Bridgwater<br>Somerset<br>TA5 1UD | Hinkley Point C<br>Wickmoor Drove<br>Bridgwater<br>Somerset<br>TA5 1UD |

*Provision and Use of Work Equipment Regulations 1998*  
*Lifting Operations and Lifting Equipment Regulations 1998*

Contract Number: BJV/TA5/SCE/18  
Report Number: 1764344162  
Item Ref: 2930

### Item Description:

|                          |                      |                       |          |
|--------------------------|----------------------|-----------------------|----------|
| <b>Type:</b>             | Tower Crane Flat Top | <b>Manufacturer:</b>  | Terex    |
| <b>Model:</b>            | CTT231-12 (s)        | <b>Serial Number:</b> | G9817001 |
| <b>YoM:</b>              | 2017                 | <b>Plant Number:</b>  | TCS105   |
| <b>Location on Site:</b> | TC CX                | <b>De-Rated:</b>      | No       |

### Configuration (At This Thorough Examination)

|                          |                  |                               |                            |
|--------------------------|------------------|-------------------------------|----------------------------|
| <b>Max SWL @ Radius:</b> | 12000kg @ 19.84m | <b>Min SWL @ Radius:</b>      | 3150kg @ 60m               |
| <b>Tower Height:</b>     | 27.1m            | <b>Number of Ties:</b>        | N/A                        |
| <b>Jib Length:</b>       | 60m              | <b>Base Ballast:</b>          | 50000kg                    |
| <b>Falls:</b>            | 4                | <b>Base:</b>                  | Travelling Chassis         |
| <b>Counter Ballast:</b>  | 17420kg          | <b>Anti-Collision/Zoning:</b> | Anti-collision only fitted |

|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| <b>Examination Type:</b> LOLER periodic | <b>Examination Frequency:</b> 12 M/ths |
|-----------------------------------------|----------------------------------------|

**Jib Build:** 1, 2, 3, 4, 5, 6, 7, 8, 9  
**Tower Build:** 2x TS21.22.12

### Defects affecting the "Safe Operation" of the Lifting Plant: (Identification of any part found to have a defect which is or could become a danger to persons. State description of the defect and any repair or alteration required to remedy the defect, either Immediately or within a Specified Time).

None

### Remarks, Recommendations, Certification, and Supplementary Testing (If any):

Functional Checks in order, including Anti-collision system.  
Counter Jib Davit Arm & Winch: Manufacturer Minifor, Model TR50, S/N 1705001, YoM 2017, SWL 500kg - Visual only.  
Travelling base not in use with all 4 bogies locked in place, functional checks and emergency stops should be function tested before use.  
Test Certificate: Select 5765 dated 17/07/19 seen with incorrect jib build stated.  
Grillage Verification Form seen signed and dated 16/07/19.  
The Next thorough examination for Man-Riding/Rescue Duties will be 28/05/26.

### Observations:

Operators right arm rest damaged.  
Slew ring lower fixings showing signs of corrosion to the bolt heads.  
Slip ring casings showing extensive advanced signs of corrosion.  
Slew ring upper fixings showing signs of corrosion (colour change evident).  
Slew motor mountings are showing signs of corrosion at the fixings and the area around them.  
Davit winch mounting hook has heavy surface corrosion.  
Trolley basket SWL sign removed.  
Jib section 4 heel brace distorted.  
Tower and areas of the structure as well as jib sections have exposed bare metal which are heavily corroded which should be cleaned and treated. There are also areas of paint bubbling along the jib which suggests corrosion is taking hold underneath, this should also be investigated and treated.

**I certify that the above equipment was thoroughly examined (unless otherwise stated) and, subject to any remedial action to defects noted on this report, which are or could become a danger to persons, the equipment is safe to operate.**

Date of last Examination (if known): 02-06-2025

Latest date by which the next examination must be carried out: 28-11-2026

Examined by: Alan Chick  
Qualification: IENG MSOE MBES



Examination Date: 28-11-2025  
Date of making this record: 28-11-2025