

LESSONS LEARNED REPORT

CRANE REST CHOCK FELL 8 METRES



TYPE OF INCIDENT: NII
INCIDENT NO: INC/530/14/80
COUNTRY: UKCS
DATE OF INCIDENT: 09.09.14

BRIEF ACCOUNT OF INCIDENT:

DURING THE START-UP PROCESS THE CRANE SLEWED TO THE RIGHT WITHOUT POSITIVE CLEARANCE (APPROX. < 2 METRES). THIS CAUSED THE CHOCKS TO BE DISLODGED FROM THE REST. ONE CHOCK REMAINED ON THE REST WHILST THE OTHER FELL 8 METRES TO THE BELOW AREA (CONSIDERED A FATALITY ON THE DROPS MATRIX).

WEIGHTS AND DIMENSIONS L170 X W20 X D25 CM WEIGHING 80KG.



CRANE REST CHOCK WHICH FELL



CRANE REST CHOCK AS NORMALLY SITUATED.

WHAT WENT WELL?

- NO INJURIES.
- ACTIONS CARRIED OUT POST INCIDENT BY ONSITE SUPERVISOR.
- THE JOB WAS IMMEDIATELY STOPPED TO INSTIGATE AN INVESTIGATION.

WHAT WENT WRONG?

- DUE TO DESIGN, NO SECONDARY RETENTION OR ROBUST SECURING HELD THE CHOCKS IN PLACE.
- PROCEDURE AND LIFTING PLANS DID NOT STATE SPECIFIC REQUIREMENTS FOR GENERAL CRANE OPERATIONS.
- THE DROP WAS NOT IDENTIFIED IN A RECENT DROPS SURVEY NOR IS IT MENTIONED IN ANY SPECIFIC GUIDANCE.
- THESE ITEMS WERE NOT CONSIDERED AS BEING A DROPS RISK (OVERLOOKED). THEY CAN APPEAR TO BE FIXED WHEN CHECKED BY HAND DUE TO WEIGHT.
- OPERATOR DID NOT HAVE POSITIVE CLEARANCE BEFORE SLEWING.

LESSONS LEARNT

- BOTH CHOCK RESTS HAVE BEEN MODIFIED TO PREVENT THE CHOCKS FROM FREE FALLING. OTHER POTENTIAL SCENARIOS INCLUDE:
 - IMPACT BY HEAD ACHE BALL.
 - IMPACT WITH A SUSPENDED CONTAINER.
 - WOOD DETERIORATION DUE TO WEATHER EXPOSURE.
- PROCEDURES HAVE BEEN UPDATED TO IMPLEMENT ADDITIONAL INFORMATION. RISK ASSESSMENTS AND LIFTING PLANS HAVE BEEN REVISED AND UPDATED.
- A SAFETY STAND DOWN TO DISCUSS THE INCIDENT AND RAISE AWARENESS.
- THIS LLR HAS BEEN ISSUED TO ENSURE OTHER UNITS CHECK THEIR CRANE RESTS AND INCLUDE IN DROP SURVEYS.