

LESSONS LEARNED REPORT

DERRICKMAN INJURED HAND WHILE CHECKING TORQUE ON RISER TEST NUBBIN DOGS



TYPE OF INCIDENT: LTI
INCIDENT NO : 470-09-13
COUNTRY: UK
DATE OF INCIDENT: 4TH MAY 2009

BRIEF ACCOUNT OF INCIDENT:

WHILE ASSISTING ROUGHNECK TO CHECK THE TORQUE ON RISER TEST NUBBIN DOGS, IP TRAPPED HIS HAND BETWEEN TORQUE WRENCH HANDLE AND RISER SPIDER DOG HANDLES.

WHILE RUNNING RISER THE IP AND ROUGHNECK WERE GIVEN THE TASK OF CHECKING THE DOGS, TORQUED UP BY THE IMPACT WRENCH, WERE PROPERLY TORQUED BY WAY OF A MANUAL TORQUE WRENCH AND MULTIPLIER.

THE IP WAS HOLDING THE MULTIPLIER ONTO THE BOLTS WHILE A ROUGHNECK WAS OPERATING THE LEVER. THE FIRST 3 DOGS WERE CHECKED SUCCESSFULLY BUT ON THE FOURTH, THE IP GAVE THE SIGNAL TO THE ROUGHNECK TO BEGIN CHECKING BUT UNFORTUNATELY HAD HIS HAND AROUND THE SHAFT OF THE HANDLE AND TRAPPED HIS RIGHT HAND BETWEEN THE SHAFT AND THE SPIDER DOG HANDLES.



WHAT WENT WELL?

TBT HELD PRIOR TO THE JOB COMMENCING AND RISK ASSESSMENT WAS IN PLACE. THE FIRST 15 DOGS WERE TIGHTENED WITHOUT INCIDENT BY THE IP. THE JOB CONTINUED WITHOUT ANY FURTHER PROBLEMS. ALL

PERSONNEL INVOLVED IN THE OPERATION ASSISTED WITH THE INVESTIGATION.

WHAT WENT WRONG?

NOBODY INTERVENED WHEN THEY SAW WHERE THE IP WAS PLACING HIS HAND. THE PROXIMITY OF THE NUBBIN DOGS TO THE HANDLE FOR THE SPIDER DOGS HAD NOT BEEN REALISED OR DOCUMENTED. THE IP AND ROUGHNECK WERE NOT CONCENTRATING ON THE JOB. THE RISK ASSESSMENT DID NOT HIGHLIGHT THE SPECIFIC PINCH POINT HAZARD THAT EXISTS BETWEEN THE SPIDER HANDLES AND THE NUBBIN DOGS. THE NEW RISER TOOL PACKAGE WAS NOT COMMUNICATED TO THE DRILL CREW.

LESSONS LEARNED:

TRA'S MUST BE SUFFICIENT AND SUITABLE AND CONDUCTED BEFORE EACH TASK, AND ANY DISCREPANCIES IN TRA'S TO BE HIGHLIGHTED AND CHANGED BEFORE FUTURE USE.

BETTER COMMUNICATION REGARDING THE NEW RISER TOOL PACKAGE COULD HAVE PREVENTED THIS INCIDENT AS IT NEGATES THE NEED TO MANUALLY CHECK THE TORQUE.

WHENEVER NEW TOOLS ARRIVE ON THE RIG AND USED ALL RELEVANT DOCUMENTATION SUCH AS STOPS, TRA'S SHALL BE UPDATED BEFORE INITIAL USE.

MESSAGES:

ALWAYS ENSURE THAT THE TBT AND PAPERWORK HIGHLIGHT THE SPECIFIC HAZARDS OF THE TASK.

TAKE WHATEVER TIME IS NECESSARY TO COMPLETE ALL THE PAPERWORK AND PLANNING REQUIRED TO DO ANY OPERATION.

ENSURE THAT WHEN NEW EQUIPMENT ARRIVES ON THE RIG IT IS COMMUNICATED TO ALL PERSONNEL WHO MAY BE INVOLVED IN USING IT.