

## **TIP OF THE SPEAR THIRD QUARTER FY17 EVALUATION SUMMARY**

**A**ll activity weight handling programs evaluated in the third quarter of fiscal year 2017 were satisfactory (two programs were marginally satisfactory). The two most common evaluation items continued to be the lack of a monitor program (or an ineffective program) and unsafe crane and rigging operations observed by the evaluation teams. The two are closely related. Navy Crane Center evaluators continue to spot unsafe practices at a high frequency, while many activity monitor programs are failing to identify them. Unsafe practices are out there and they will continue until they are recognized locally and corrective actions are taken to resolve them. All personnel should be encouraged to look for errors and better ways to do the job, to jot them down, and to report them. Small changes can have a large effect on job safety and efficiency. A well-running monitor program will also enable the identification of areas of the program where improvement is needed (i.e., effective self-assessments).

Activities should now be fully operating to the requirements of the 2016 revision of NAVFAC P-307. Navy Crane Center evaluators will be looking for full compliance and will be citing the 2016 revision in evaluation reports.

### **SUMMARY OF PROGRAMS EVALUATED**

57 Navy WHE programs were evaluated. 55 were fully satisfactory. Two programs were marginally satisfactory. In addition, one post-evaluation review was performed, and equipment reviews were performed at two Seabee deployment sites.

For FY17 to date, 175 activity programs were evaluated, with 5 programs found marginally satisfactory and no unsatisfactory programs (100% satisfactory rate).

### **SATISFACTORY CRANES**

42 of 52 cranes were satisfactory (81%). For FY17, 125 of 154 cranes were satisfactory (81%).

### **REASONS FOR UNSATISFACTORY CRANES**

- Incorrect load test procedure (four cranes).
- Improper check of hoist secondary limit switch (two cranes).
  
- Wire rope misreeved, damaged.
  
- Missing tapered washers on trolley to bridge connections.
  
- Misspooled wire rope.
  
- Brake measurements not recorded on brake data sheet.
  
- Hydraulic leak.
  
- Damaged hydraulic lines.
  
- Cable reel did not retract.

## **EVALUATION ITEMS**

### Common Evaluation Items (five or more items):

- Lack of monitor program or established program that needs improvement - 33 items.
- Various unsafe crane and rigging operations observed by the audit team (side loading, unattended load, standing/walking beneath load, operating without signals, poor signaling, pinch points, slings bunched in hooks, load not balanced, no synthetic sling protection, brakes not checked at start of lift, side loading of shackles, trackwalker out of position, swivel hoist rings not torqued, trolley racked to one side, etc.) - 27 items.
- Operators/riggers/test directors lacked essential knowledge (recognizing crane accidents, complex lifts, knowing the weight of the load, how to connect special equipment, etc.) – 20 items.
- Inspection and certification documentation errors - 17 items.
- Local weight handling program instruction/standard operating procedures non-existent or inadequate - 17 items.
- Operator's daily/monthly checklists and simulated lifts performed incorrectly or not performed - 15 items.
- Operator license/file discrepancies (no Objective Quality Evidence (OQE) of performance exam; examiner not licensed; no OQE of safety course; no OQE of operation to waive performance test; course not signed by examiner; course improperly graded; corrective lenses not noted; course not graded; licensed for more than 2 years; license not in possession of operator; operating with expired license; operating with no license) – 12 items.
- Training issues, including contractor personnel (training not taken; refresher training not taken or not taken within three months of license renewal; lack of inspector training; locally required training not taken) - 10 items.
- ODCL/OMCL documentation deficiencies (including incorrect form used) - 9 items.
- Lack of (or low number of) lower order crane or rigging accident and near-miss reports – 8 items.
- Deficient or worn rigging gear (including noncompliant gear) - 8 items.
- Unrecognized/unreported accidents or near misses (including damaged gear not investigated for cause) – 8 items.
- Rigging gear, containers, brows, test weights, etc., not marked properly or marking not understood by riggers (including illegible marking, mismatched components, SPS vs GPS, pin diameter not marked on alternate yarn roundslings) – 8 items.
- Unapproved crane or gear alteration – 7 items.
- Rigging gear/crane structures/other section 14 equipment not in the program or lack documentation – 6 items.