

USACE National Crane/Rigging Working Group

Established 01 June 2010



BUILDING STRONG®

USACE National Crane/Rigging Working Group Members

Headquarters, Safety & Occupational Health (Chair) - Ellen Stewart (Safety)
USACE, Lakes & River Division (LRD) – Kevin Vessels (Operations)
USACE, Mississippi Valley Division (MVD) – Robert Wild (Operations)
USACE, Northwestern Division (NWD) – David Stanton (Safety)
Art Kunigel (Operations)
John Cannon (Operations)
USACE, South Atlantic Division (SAD) – (Technical Lead) Jerry Balcom (Safety)
USACE, Marine Design Center (MDC) – Greg Lee



CHARTER

USACE National Crane/Rigging Working Group

1. Name of Committee: USACE National Crane/Rigging Working Group.
2. Date Established: 1 June 2010.
3. Date to be Terminated: 1 June 2011, unless extended or terminated earlier.
4. Category and Type of Committee: Intra-Agency Working Group.
5. Mission or Purpose: The USACE National Crane/Rigging Working Group (WG) will provide technical guidance to the field in support of occupational standards and governing regulations with respect to cranes, derricks, hoists, and rigging requirements.

Duties of the working group will include, but are not limited to: identifying key issues, gauging their importance, performing accident investigation and data analysis to resolve issues and provide appropriate guidance, as well as developing programs, training, templates and other programmatic tools as requested/necessary. The WG will maintain Sections 15 and 16 of the US Army Corps of Engineers (USACE) Safety and Health Requirements Manual (EM 385-1-1), and will serve as technical advisors and resources to the field. Guidance will be in accordance with EM 385-1-1, OSHA Regulations, National Consensus Standards and any other applicable requirements/standards.

When a crane or rigging accident occurs which triggers a formal Board of Investigation (BOI), a representative of this WG will serve as a Technical Advisor to the BOI. Routine periodicals will be provided to the field detailing crane/rigging issues and summarizing lessons-learned.

The WG will also serve to audit the implementation of the pertinent requirements for crane and rigger programs at the local level to validate compliance with the EM 385-1-1 and provide feedback and assistance as necessary.



**US Army Corps
of Engineers**



NATIONAL CRANE PDT

ELLEN STEWART	202-761-8565
JERRY BALCOM	404-562-5236
JOHN CANNON	360-673-3852
ARTHUR KUNIGEL	541-506-7837
DAVID STANTON	503-808-4540
KEVIN VESSELS	502-315-6705
ROBERT WILD	309-794-5650

INSIDE THIS EDITION...

WHAT DOES THE EM SAY?

1

WEIGHT HANDLING EQUIPMENT

2

LESSONS LEARNED

2

CRANES ON THE COLUMBIA

3/4

I'LL NEVER FORGET THE DAY

4

WHAT'S UP WITH THAT?

5

WHAT DOES THE EM 385-1-1 SAY ...

About crane and hoist operator certifications, licenses or qualifications?

First, we all know by now that OSHA published their new crane/derrick regulation in August 2010 and it went into effect on 8 Nov 10 for most requirements, but allowed a 4-year phase-in period to accomplish required operator training and certification. BUT, the EM 385-1-1 went into effect in Jan 09 for USACE and if a contractor bid a contract on this EM, it went into effect when that contract was awarded. The EM did not have a phase-in period for any part of the new requirements. So, what DOES the EM say?

Option 1 is a certification by an ACCREDITED crane/derrick operator testing organization (CICB, NACB, NCCCO, etc) - if you don't know if they are accredited, look them up on-line and it will tell you.

Option 2 is qualification by a professional source (Operating Engineers, ASCE, in-house consultant, etc.) as long as the program is an audited one. Request proof of their audited program—it must meet certain criteria that OSHA details—more on that next time.

Option 3 is qualification by the U.S. Military, which means active duty (green suit) military.

- License is generally issued for a 5-year time period.

The key to what the EM requires is in this statement: *Operators must be able to determine the crane configuration, size and shape of loads, and the crane's applicable capacity using the load chart for each type and capacity of crane to be operated.*

16.B.04 discusses criteria that a **USACE in-house examiner** must meet if it is determined that this is the manner in which we will qualify our operators.

Quarterly Publication



BUILDING STRONG®

You can find the Quarterly publication of Counterweight at Headquarters' Safety Office Website.

<http://www.usace.army.mil/CESO/Pages/Home.aspx>

Directions to Request a Waiver or Variance or to Request a Clarification or Interpretation are there also



CRANE SAFETY OPEN DISCUSSION

ANY QUESTIONS



BUILDING STRONG®