20 FACTS
ABOUT CRANE OPERATOR CERTIFICATION
AND THE PROPOSED FEDERAL RULE

1 Twenty one (21) of the twenty three (23) CDAC members supported operator certification as outlined in the final consensus document submitted to OSHA in August 2004.

2 The CDAC consensus document was unanimously approved by OSHA’s Advisory Committee on Construction Safety and Health (ACCSH).

3 Much of the industry that uses cranes (steel erection, petrochemical, crane rental, construction) already certifies their operators. For example, NCCCO is endorsed or recognized by nine (9) industry management and labor associations including AGC, International Union of Operating Engineers and the Steel Erectors Association of America. A comprehensive industry study published in June 2008 recommends certification not just for crane operators, but also for signalpersons, riggers and inspectors.

4 Some employers are reluctant to test their employees for fear their lack of training will result in their failing tests. In many cases a stated opposition to certification masks an opposition to training. A federal requirement would bring those employers who are reluctant to train and test their employees into line with industry standards.

5 Six (6) states have enacted crane operator certification requirements in the four years since the CDAC report was completed. At least six (6) more states and two (2) cities have introduced legislation or are in the process of drafting it.

6 Nationwide mandatory crane operator certification is coming. The only remaining question is: Will this be a state-by-state (city-by-city, county-by-county) process, or a national program that will be uniform for employers everywhere?

7 Does it make sense for each state, county or city to repeat the work that CDAC has already done? In the absence of a federal requirement, this is already happening (State of Washington, County of Miami-Dade, City of Philadelphia).

8 A federal requirement with a nationally recognized process would cost employers less than state-by-state licensure that could require mobile crane operators to have 50 different licenses, or worse if counties (like Florida’s Miami-Dade) mandate county-wide requirements.

9 Under CDAC, employers are able to develop their own tests so long as they are audited by an accredited certifying organization.

10 There are no restrictions on sourcing training in CDAC. Certification bodies like NCCCO do not offer training. Employers are free to train their own employees or hire in trainers of their choice.

11 Certification provides the proof that training has been effective, specifically that crane operators have the requisite knowledge and skill to operate a crane safely. OSHA officially recognizes certification as evidence of an employer having met its requirements for training.
Certification must be independent of the training process to ensure no conflict of interest in the testing process (e.g. schools instruct students, while Educational Testing Service administers the SAT test).

Training is readily available. There are more than 100 training schools nationwide offering crane-specific training in addition to numerous trade association chapters and union locals.

Certification must be accredited in order to be valid. This accreditation must be done by an organization that audits the certification organization to national personnel certification standards. The National Commission for Certifying Agencies (NCCA) and the American National Standards Institute (ANSI) both offer this. (The type of accreditation used to approve educational institutions does not meet this requirement and was rightly removed from the CDAC document prior to completion.)

CDAC's crane operator certification requirements are not monopolistic. While there are currently two (2) certification organizations nationally accredited to provide crane operator certifications, several more have applied and are in process of being accredited. Once the Proposed Rule is published, many more can be expected to meet accreditation requirements.

Employers have five (5) years from the time the Final Rule is published to meet the certification requirements recommended under CDAC, more than enough time for those that have not voluntarily certified their operators to do so.

The financial impact of certification to employers is negligible. For example, CCO certification costs as little as 2.25 cents per hour per employee over the period of certification. Recertification after five (5) years costs just 1.5 cents per hour.

The risk management benefits and reduced workers compensation and insurance premiums that certification brings far outweigh the costs of training and certification.

Certification has been proven to save lives through reduced accidents. The Province of Ontario has demonstrated this conclusively since 1978 with its ongoing study that shows an 80% decrease in the crane-related death rate and a 50% reduction in crane and rigging accidents as a percentage of all construction accidents since training and licensing were mandated.

A study just conducted by Cal-OSHA shows a similar 80% decrease in the number of fatalities due to crane accidents since California's state-wide crane operator certification requirement was introduced in 2005, despite an exponential increase in the number of cranes active in the state during that time.

2Web Site www.nccco.org, National Commission for the Certification of Crane Operators (NCCCO).
4Web Site www.nccco.org, National Commission for the Certification of Crane Operators (NCCCO).
5Crane and Rigging Fatalities, Province of Ontario, Construction Safety Association of Ontario (CSAO).