

PRESS RELEASE FROM THE INTERNATIONAL CRANE STAKEHOLDERS ASSEMBLY

ICSA PUBLISHES NEW GUIDANCE ON GROUND PREPARATION DURING WIND FARM CONSTRUCTION



August 9, 2021

The International Crane Stakeholders Assembly (ICSA) has released new guidance on "Mobile Crane Ground Preparation for Wind Farm Construction"

This document was approved at ICSA's most recent meeting on June 15 and can be downloaded free of charge from the ICSA website - www.icsa-crane.org

This document is also available from the websites of ICSA's member organisations.

This guidance focuses on two construction areas:

1) Access roads

- ground bearing pressure for crane weight on the road
- route path (e.g., swept path analysis to assist the determination of dimensional and clearance requirements for the crane path).

2) Crane working areas

- suggestions on hardstand construction
- ground bearing pressure for different lifting configurations
- ground level requirements for crane working areas

Road construction for transport of wind turbine components is not considered in this guidance document.

In the introduction, the guidance says: "Since most of the vehicles used for wind farm applications are special-purpose vehicles or vehicles with heavy loads, the requirements and design standards of access roads and working areas should be specified by the controlling entity during the planning stage to ensure all construction activities can be conducted safely."

The new guidance is the fourth published by the ICSA. The other guidance notes are:

- Leaving mobile cranes unattended in [partially] erected mode
- Lifting a load with several mobile cranes (multiple crane or tandem lifting)
- Lifting of persons with mobile cranes.

All are available for free download from the ICSA website at www.icsa-crane.org.

ICSA has seven members who represent crane users and manufacturers from Australia, Canada, Europe, Japan and the USA.

The members are:

- Association of Equipment Manufacturers [AEM]
- The Crane Industry Council of Australia [CICA]
- Crane Rental Association of Canada (CRAC)
- European association of abnormal road transport and mobile cranes [ESTA]
- European Federation of Material Handling [FEM]
- Specialized Carriers & Rigging Association [SC&RA]
- Japan Crane Association [JCA]

ICSA's role is to:

- facilitate information sharing and meaningful dialogue between crane industry stakeholders on safety, technical and regulatory issues of concern to the international crane industry.
- promote the harmonization of international standards
- provide an environment for, and encourage the creation of, significant networking opportunities between industry stakeholders and promote consensus positions on behalf of the crane industry on issues of common concern, so that ICSA members can make representation to relevant regulatory and standardization bodies.

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