



## Health & Safety Department (Safety Section)



Document Title	<b>Technical Guidelines for Examination and Certification of Cranes, Hoists, Lifts and Other Lifting Equipment</b>
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	<b>Organization Unit:</b>	<b>Health &amp; Safety Department</b>	<b>الوحدة التنظيمية:</b>	
	<b>Document title:</b>	Technical Guidelines for Examination and Certification of Cranes, Hoists, Lifts and Other Lifting Equipment	<b>اسم الوثيقة:</b>	
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### Document History Log



Any modification to the document must be reviewed and approved as per the corporate policies and procedures of document control

Version #	Date	Prepared/reviewed by	Modifications summary
V 4.0	09/05/2024	Safety Section	Adding the new logo of both Dubai Government & Dubai Municipality
V 5.0	29/01/2025	Safety Section	Updates to operators' requirements number 10 in (page 6)

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## 1 Purpose

The potential danger in the use of cranes, lifts, hoists, and other lifting equipment is well known. The causes of accidents in lifting operations result from improper maintenance, non-provision of warning systems, poor upkeep of safety standards, overloading, unsafe slinging practices, and other unsafe operations. To reduce accidents resulting from equipment failure, a periodical test and certification of equipment by competent person is required.

Dubai Local Order No. 61/1991 requires the Occupier/Employer to ensure that the workplace, plant, and equipment are always safe.



## 2 Scope

This technical guideline applies to all establishments where cranes, hoists, lifts & other lifting equipment are used within the Emirate of Dubai.

## 3 Definitions

Definition	Meaning
<b>Cranes</b>	Industrial machines equipped with hoists, chains, or cables, used for lifting, lowering, and moving heavy materials or objects within a construction site, manufacturing facility, or other industrial settings. Cranes come in several types, including overhead cranes, tower cranes, and mobile cranes, each serving specific purposes based on the intended application
<b>Hoists</b>	Mechanized lifting devices designed to raise or lower heavy objects vertically. Hoists typically consist of a drum or pulley system around which a chain or wire rope is wound, allowing for controlled lifting, and lowering operations. They are

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Definition	Meaning
	commonly used in conjunction with cranes or independently in industrial environments such as warehouses, factories, and construction sites
<b>Lifts</b>	Industrial machinery used for vertically transporting people, goods, or materials between various levels within a building or structure. Lifts, also known as elevators, come in various configurations, including passenger lifts, goods lifts, and platform lifts, each designed to meet specific transportation needs within industrial, commercial, or residential settings.

## 4 Requirements

- 1- Cranes, hoists, lifts, lifting equipment and gears, forklifts, etc. used in factories, construction sites, hotels, and other workplaces shall be tested and certified by a third party accredited by Emirates International Accreditation Center (EIAC) once every 12 months.
- 2- Only technically qualified and experienced persons by the Emirates International Accreditation Center (EIAC) shall examine, test, and certify cranes and other lifting equipment.
- 3- The company/competent person seeking accreditation shall comply with the following:
  - The company/competent person should have a Trade License issued by the Dubai Economic Department.
  - The company/competent person should have insurance coverage for professional liability.
  - Any other requirements issued by the center.
- 4- A accredited third party shall issue a certificate of safety after due examination and test, and only after any repairs have been carried out, specifying the serial number, technical details, tests are done, safe working load ... etc. for each equipment.
- 5- The repairs identified by the accredited third party shall be carried out by the owner/occupier immediately.
- 6- If the accredited third party considers that the equipment is unsafe, the owner must be advised to cease use of the equipment and a report must be sent immediately to the Health and Safety Department.
- 7- Any re-rating of safe working load or any other condition stipulated for the safe operation shall be clearly indicated in the certificate.
- 8- Safe working loads shall be displayed on the equipment.
- 9- Compliance certificate shall be kept at the site.

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10- Operators of lifting equipment such as cranes, hoists, forklifts, cradles, etc. used in factories, construction sites, residential and commercial buildings and other workplaces shall be certified by a third party accredited by Emirates International Accreditation Center (EIAC).

11- Workers involved in lifting operation such as signaller / signaller and rigger shall be certified by a third party accredited by Emirates International Accreditation Center (EIAC).

12- Training institutes involved in training of the lifting equipment operators, riggers and signaller / signaller shall be registered and approved by Knowledge and Human Development Authority (KHDA).

For (suggestions, comments, and complaints)	For further information
<ul style="list-style-type: none"> <li>Unified interactive platform that connects Dubai Government and its customers: The 04 Platform <a href="https://04.gov.ae/">https://04.gov.ae/</a></li> <li>① Dubai Municipality - Call Center (24/7): 800900</li> </ul>	<ul style="list-style-type: none"> <li>✉ <a href="mailto:safety@dm.gov.ae">safety@dm.gov.ae</a></li> <li>① Dubai Municipality - Call Center (24/7): 800900</li> </ul>

## 5 References

- Local Order No. (61) of 1991 Concerning Environment Protection Systems in the Emirate of Dubai

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