

Inspection of aerial platforms in Poland



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Overview

- ***UDT introduction & law basics***
- ***Kinds of technical devices***
- ***Procedure of verifying the qualifications***
- ***Technical conditions for technical inspection***
 - Registration of the technical device and required documentation*
 - Obligations of the operator of the technical devices*
 - Scope of the technical examinations of the technical devices*
- ***Accident statistics***

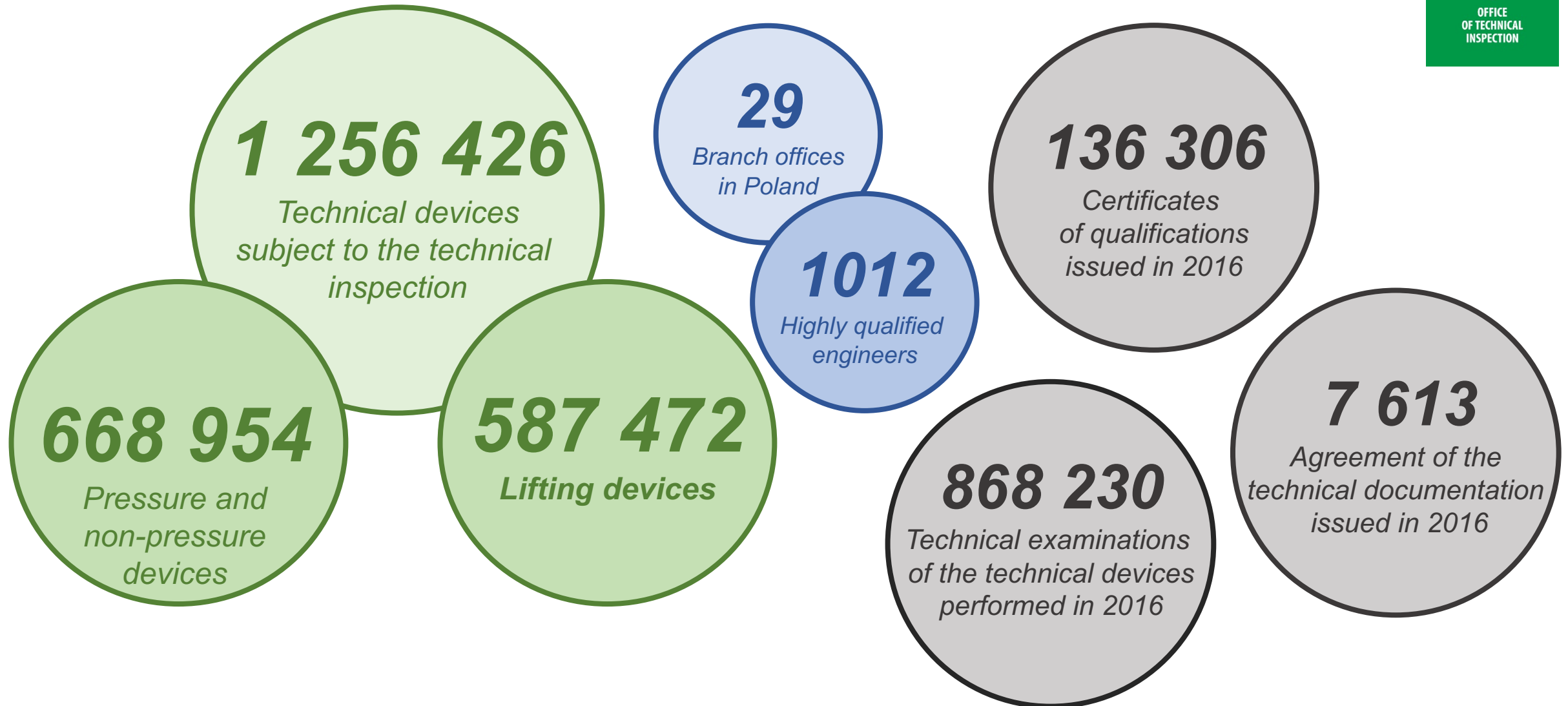
ACT OF PARLIAMENT
of the 21st December, 2000
ON THE TECHNICAL INSPECTION

„The technical inspection covers the activities as determined in the Act intended to ensure a safe functioning of the technical devices.”

The scope of activities of UDT includes inter alia:

- performance of technical inspection on the technical devices to the extent as provided in the Act;*
- issuance of decisions in the matters resulting from the performance of technical inspection;*
- verification of qualifications of manufacturers, repairers and modernizers as well as of those who operate and maintain technical devices and who carry out nondestructive examination;*
- agreeing the training programmes for the persons operating and maintaining technical devices;*
- analysing the causes and effects of accidents and damages to technical devices.*

UDT IN NUMBERS



**ACT OF PARLIAMENT
of the 21st December, 2000
ON THE TECHNICAL INSPECTION**



**KINDS of TECHNICAL
DEVICES**

Ordinance
of the Council of Ministers
on the kinds of technical
devices subject to the
technical inspection

QUALIFICATIONS

Ordinance
of the Minister of Economy
on procedure of verifying the
qualifications required in for
servicing and maintaining
the technical devices

TECHNICAL CONDITIONS

Ordinance
of the Minister of Economy,
Labour and Social Policy
on the technical conditions
for technical inspection
covering operation of certain
transport (lifting) devices

CHARGES

Ordinance
of the Minister of Economy
on the amount of charges for
the activities of the bodies of
technical inspections

Kinds of technical devices

LIFTING DEVICES

INDUSTRIAL TRUCKS

Forklift trucks, Variable-reach trucks,
Trucks with elevating operator position etc.

164 902

28%

LIFTS

Lifts for the transport of persons and goods,
Builders hoists, Service lifts etc.

125 930

21%

LIFTING PLATFORMS

MEWPs, Mast climbing work platforms,
Suspended work platforms, Tail lifts etc.

91 687

15%

WINCHES, HOISTS & CRANES

Bridge cranes, Gantry cranes, Ladle cranes etc.

76 280

13%

CRANES

Mobile cranes, Loader cranes, Tower cranes etc.

59 252

10%



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Procedure of verifying the qualifications

CATEGORY I P

Mobile elevating work platforms

3b



Self-propelled booms



Scissor lifts,
vertical personnel platforms (mobile)

3a

1b



Vehicle-mounted platforms

1b



Trailers/push arounds

CATEGORY II P

Lifting platforms

MCWP



Mast Climbing Work Platforms

1a



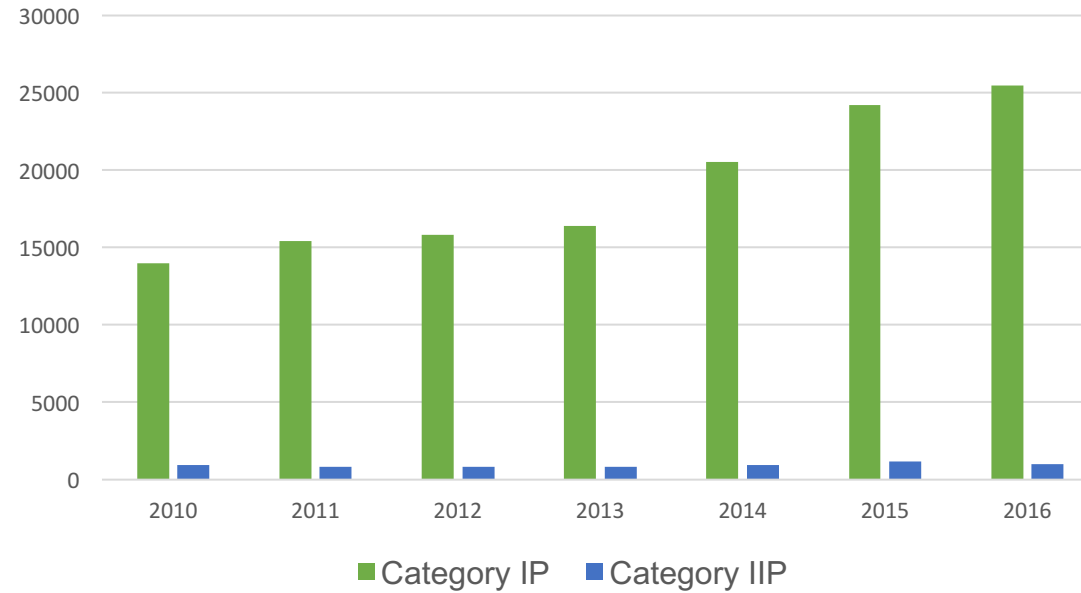
Stationary platforms



Suspended work platforms

Procedure of verifying the qualifications

Number of certificates issued by UDT



| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|--------------|--------|--------|--------|--------|--------|--------|--------|
| Category IP | 13 963 | 15 441 | 15 808 | 16 392 | 20 531 | 24 238 | 25 469 |
| Category IIP | 948 | 831 | 845 | 851 | 972 | 1187 | 1004 |

The persons in charge shall be qualified (operators, maintenance personnel)

*In this case there are **two possibilities**:*

- ***certificates of qualifications obtained in a Member State of EU, the Swiss Confederation and the member countries of the European Free Trade Agreement can be recognized by UDT;***

UDT is entitled to the recognition of qualifications for regulated following professions:

- Lifts operator and **lifting devices operator**,
 - Lifts maintenance technician and **lifting devices maintenance technician**,
 - Powered industrial trucks operator and powered industrial trucks maintenance technician,
 - Person filling portable tanks.
- ***the operator/maintenance personnel can proceed to the qualification exam in front of the UDT's examination board***

Procedure of verifying the qualifications

QUALIFICATION REQUIREMENTS

Candidates applying for verification the qualification should:

- be over 18 years old,
- according to the requested scope:
 - have knowledge and practice skills of maintenance or operations of the technical device;
 - have knowledge of the technical conditions of technical inspection, standards and regulations relating to scope of applying qualification.

The applicant submits the application along with a confirmation of completion fees, directly to UDT's branch office or UDT in Warsaw.

The fee is 20% of the lowest wage for work, announced by the Minister responsible for labour.



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INSPECTION

Załączniki do rozporządzenia Ministra Gospodarki
z dnia 18 lipca 2001 r. (poz. 849)

Załącznik nr 1

WZÓR WNIOSKU O SPRAWDZENIE KWALIFIKACJI

....., dnia
(wnioskodawca)
.....
(adres) (adresat*)

WNIOSEK O SPRAWDZENIE KWALIFIKACJI

.....
(określić rodzaj i zakres kwalifikacji)
1. Imię i nazwisko (litery drukowane)
2. Data i miejsce urodzenia
3. Nr PESEL
4. Adres stałego zamieszkania
5. Wykształcenie
6. Przebieg praktyki zawodowej
7. Miejsce pracy i adres pracodawcy
8. Zawód wykonywany
9. Posiadane zaświadczenia kwalifikacyjne:
a) obsługi
b) konserwacji
c) inne
10. Wskazanie zakładu, w którym będzie możliwe przeprowadzenie egzaminu

Potwierdzam podane wyżej dane i załączam dowód opłaty za sprawdzenie kwalifikacji.

.....
(podpis wnioskodawcy)

Wyrażam zgodę na przetwarzanie moich danych osobowych przez jednostkę dozoru technicznego dla celów przewidzianych w rozporządzeniu Ministra Gospodarki z dnia 18 lipca 2001 r. w sprawie trybu sprawdzania kwalifikacji wymaganych przy obsłudze i konserwacji urządzeń technicznych.

....., dnia
(miejscowość) (imię i nazwisko) (podpis)

*) Urząd Dozoru Technicznego — Oddział w
Transportowy Dozór Techniczny — Oddział w
Wojskowy Dozór Techniczny — Delegatura w

Procedure of verifying the qualifications

QUALIFICATION EXAMINATION

The qualification examination consists of two parts:

- oral examination with theoretical knowledge;
- practical examination, which involves checking the operating and maintenance skills of the technical device.

The UDT's examining board selects and presents set of questions. The negative result of the theoretical examination ends the course - The practical examination can be conducted after the positive result of the theoretical examination.

CRITERIA AND EXAMINATION RESULT

The result of the qualification examination is considered positive if candidate has received a positive grade from the theoretical and the practical examination.



Technical conditions for technical inspection

Registration of the technical device

Request for a technical examination

Form available on the website: www.udt.gov.pl

Required documentation

Documentation in two copies

URZĄD DOZORU TECHNICZNEGO
Oddział w

WNIOSEK
O PRZEPROWADZENIE BADAŃ / ZMIAN DANYCH
przed wydaniem pierwszej decyzji stwierdzającej na eksploatację / doradźnego
eksploatacyjnego / po zmianie eksploatacyjnego / po modernizacji / po naprawie ¹⁾

1. Eksploatujący (podmiot, na który będzie wydana decyzja)

- nazwa:
- NIP:
- PESEL ²⁾:
- adres siedziby:
- kontakt (telefon, fax, e-mail):
- adres zamieszkania ³⁾:
- członek zarządu ⁴⁾:

2. Przedmiot zgłoszenia ⁵⁾

- urządzenie / typ:
- wytwórca:
- nr fabryczny / rok budowy / użycia ⁶⁾:
- nr ewidencyjny UDT ⁶⁾:
- miejsce przeprowadzenia badania:

3. Adres do korespondencji (jeżeli inny niż wyżej)

.....

4. Eksploatującego reprezentuje pracownik / pełnomocnik ⁷⁾

- imię i nazwisko:
- PESEL, dowód osobisty:
- kontakt (telefon, fax, e-mail):

(za czynnici jednostek dozoru technicznego pobierane są opłaty, których wysokość określa Rozporządzenie Ministra Gospodarki z dnia 14 listopada 2010 r. (Dz. U. z 2010 r. poz. 1391) z późn. zmianami Rozporządzeniem z dnia 18 listopada 2014 r. (Dz. U. z 2014 r. poz. 1022).

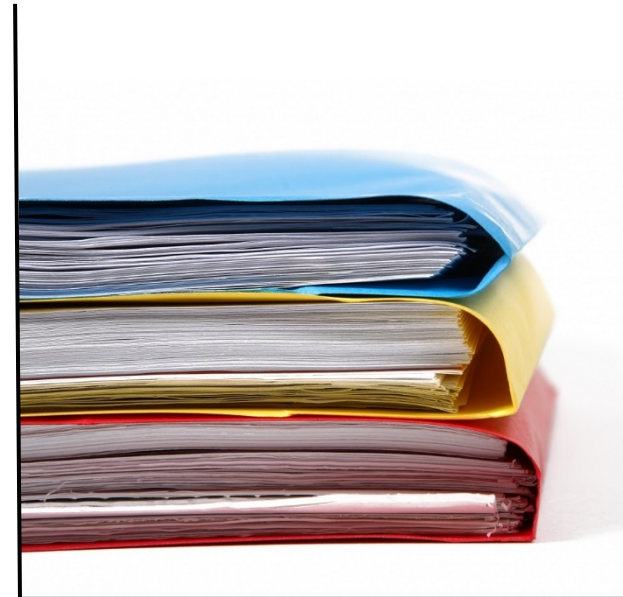
..... Miejscowość, data

..... Czynny podpis i pieczęć eksploatującego

Wzrost policyjny:

- dokumentacja techniczna w 2 egz.
- dokumenty rejestrowe (KZL CZDZ)
- pismo od zarządky (dec. wydziału mieszkalnictwa)
- inne:

¹⁾ wyprawa do biura
²⁾ PESEL dotyczy osób fizycznych, indywidualnej działalności gospodarczej, spółdzielni spółek cywilnych
³⁾ dotyczy eksploatacyjnych budynków mieszkalnych lub wydziałów spółek cywilnych
⁴⁾ dotyczy wydziału mieszkaniowego
⁵⁾ dla wpisanej decyzji urządzenie należy naklejać do wniosku lub wykonać
⁶⁾ dotyczy urządzeń eksploatacyjnych w ewidencji UDT
⁷⁾ w przypadku składania wniosku w imieniu eksploatującego, należy do wniosku dołączyć pełnomocnictwo podpisane przez osobę upoważnioną do reprezentacji



Technical conditions for technical inspection

Required documentation

on the basis of the provisions of the Ordinance of the Minister of Economy, Labour and Social Policy of 29 October 2003 on the technical conditions for technical inspection covering operation of certain transport (lifting) devices (Journal of Laws No. 193, item 1890)

1. Registration documentation:

- *Lifting platform's Operating Instruction*
- *EC Declaration of Conformity for the lifting platform (if applicable)*



Doc. point 1

2. Supplementary documentation:

- *Situational schema*
- *Power supply schemes*
- *Electrical measurement protocols*
- *Confirming the correctness of assembly and carried out installation test, issued by the installer*
- *Acceptance report of the construction part of the technical device*



Doc. points 1+2

Technical conditions for technical inspection

Obligations of the operator of the technical devices

on the basis of the provisions of the Act of parliament of the 21st December, 2000 on the technical inspection

Operator (entrepreneur) at whom the activities of technical inspection are performed is obligated to:



Provide the presence of the entrepreneur or a person duly authorized by the entrepreneur, persons operating and maintaining the technical device



Provide conditions for making it possible to efficiently perform the said activities



Submit documents and to furnish information necessary for the correct performance of the said activities (on request of the inspector)



Provide safe conditions of work by assuring safe access of the inspector to the technical device to be inspected, particularly **by having discontinued** building, installing, repair and other work in the immediate vicinity of the device, likely to imperil inspector's safety

Technical conditions for technical inspection

Scope of the technical examinations of the technical devices

on the basis of the provisions of the Act of parliament of the 21st December, 2000 on the technical inspection

Prior to issuing the decision releasing technical devices for service the competent body of technical inspection:

- *Verifies the completeness and correctness of submitted documentation;*
- *Inspects the device by checking conformity with the documentation and technical conditions of technical inspection as well as its technical state, accessories and marking;*
- *Performs technical testing prior to start-up and under operating conditions to the extent defined in the technical conditions for technical inspection for the particular types of device;*
- *Verifies the qualification certificates of the operators and the maintenance personnel of technical devices.*



„The operator of the technical device shall immediately notify the competent body of technical inspection about each hazardous damage to the device or an accident connected with its operation”

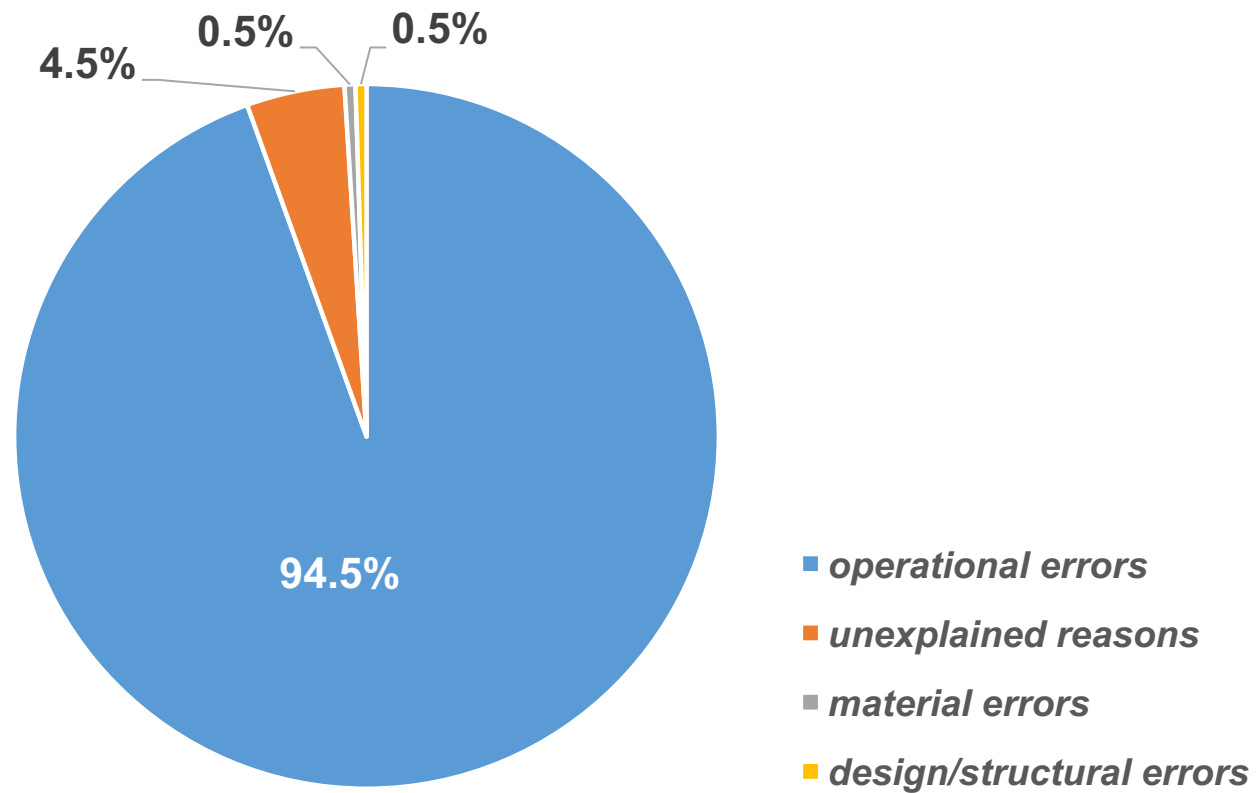
| <i>Data of reported accidents and damages</i> | <i>2014</i> | <i>2015</i> | <i>2016</i> |
|---|--------------------|--------------------|--------------------|
| <i>Number of reported accidents</i> | 113 | 138 | 158 |
| <i>Number of reported damages</i> | 51 | 51 | 42 |
| <i>Number of fatalities</i> | 21 | 19 | 23 |
| <i>Number of people with body injuries</i> | 102 | 129 | 153 |
| <i>Number of technical devices subject to the technical inspection</i> | 1 146 931 | 1 199 529 | 1 256 426 |
| <i>Average rate of accidents for 10 thousand of the technical devices</i> | 2,20 | 2,51 | 2,69 |
| <i>Average rate of damages for 10 thousand of the technical devices</i> | 0,99 | 0,93 | 0,71 |

| <i>Kinds of the lifting devices</i> | <i>Number of fatalities</i> | | | <i>Number of people with body injuries</i> | | |
|--|-----------------------------|-------------|-------------|--|-------------|-------------|
| | <i>2014</i> | <i>2015</i> | <i>2016</i> | <i>2014</i> | <i>2015</i> | <i>2016</i> |
| INDUSTRIAL TRUCKS | 13 | 1 | 9 | 38 | 67 | 84 |
| CRANES (<i>mobile cranes, loader cranes etc.</i>) | 1 | 4 | 7 | 14 | 5 | 9 |
| CRANES (<i>bridge cranes, gantry cranes etc.</i>) | 2 | 5 | 3 | 14 | 20 | 14 |
| LIFTING PLATFORMS | 3 | 4 | 2 | 14 | 9 | 15 |
| LIFTS | 2 | 3 | 1 | 8 | 9 | 14 |
| WINCHES, HOISTS | - | - | - | 3 | 4 | - |

Accident statistics

| <i>Kinds of the lifting devices</i> | <i>Data from 2016</i> | | |
|---|--|-------------------------------------|-----------------------------------|
| | <i>Number of the technical devices</i> | <i>Number of reported accidents</i> | <i>Number of reported damages</i> |
| INDUSTRIAL TRUCKS | 164 902 | 88 | 9 |
| CRANES (mobile cranes, loader cranes etc.) | 59 252 | 14 | 14 |
| CRANES (bridge cranes, gantry cranes etc.) | 38 466 | 17 | 2 |
| LIFTING PLATFORMS | 91 687 | 11 | 7 |
| LIFTS | 125 930 | 14 | 5 |
| WINCHES, HOISTS | 37 814 | - | 1 |

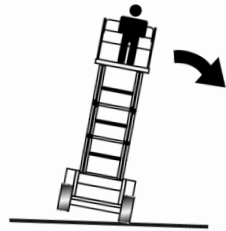
Percentage share of causes of the accidents and damages of the lifting devices



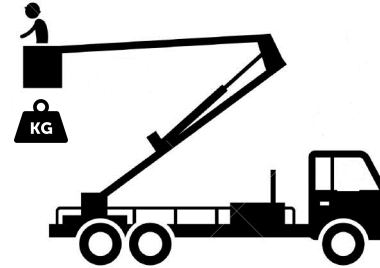
Accident statistics

Most common causes of the reported accidents of the MEWPs in 2016

Fatal accidents

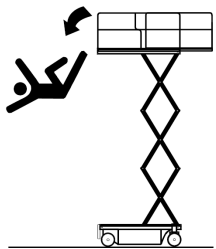


Loss of stability
(1 fatal victim)

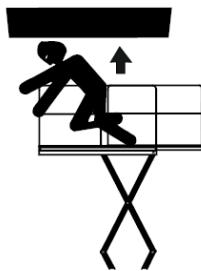


Overload
(1 fatal victim, 1 person with body injury)

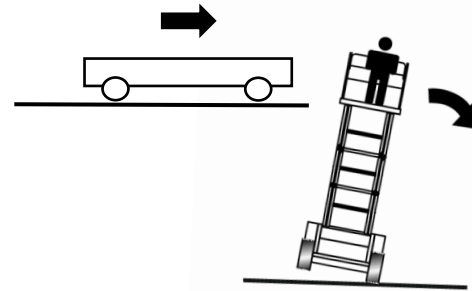
Accidents with injuries



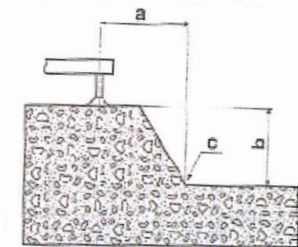
Falling out of the work platform
(4 persons with body injury)



Collision with the environment
(3 persons with body injury)



Collision with the another device
(4 persons with body injury)



Improper installation
(2 persons with body injury)

***THANK YOU
FOR YOUR ATTENTION***



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