

Accessibility for the Physically Disabled



# Certification Conditions

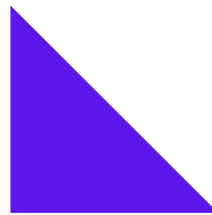
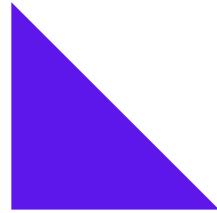
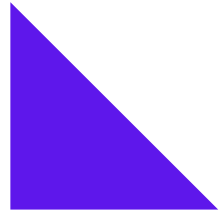
Park and Recreation Areas



Erasmus+

KA205 - Strategic Partnerships for Youth  
Building United Society (2019-1-TR01-KA205-073434)





# Accessibility for the Physically Disabled Certification Criteria, Parks & Rec.

Individuals who cannot fully meet the requirements of daily life due to the loss of their physical, psychological, sensory, and social skills because of the congenital or subsequent accidents and diseases are defined as disabled. The difficulties experienced by disabled people in adapting to the necessities of daily life, the difficulties they experience due to their deficiencies in their physical and mental conditions, and the inadequacies they experience in benefiting from public services make their adaptation to society difficult.

Daily life routines, such as eating and drinking, personal care, cleaning, and sports activities are partly met by the individuals themselves. However, they need outside help to overcome the deficiencies in their physical and mental states. This situation differs according to the type of disability experienced. The feeling of being dependent on someone is a situation that affects the self-confidence of disabled individuals and causes the individual to move away from social life over time. In addition, it is a relatively difficult process for disabled individuals to access public services such as health, education, employment, transportation, and information, which healthy individuals can easily access. Therefore, it seems normal for them to feel excluded.

On the other hand, the judgment that socially disabled individuals are in need of care and far from production; causes social exclusion of people with disabilities. This situation leads to a loss of self-confidence for people with disabilities. It has been observed that social attitudes and awareness are very important in revealing the potential of disabled people, and in societies where the necessary attitude and awareness are established, the social relations of disabled people are strengthened, and their quality-of-life increases. Sport is a leading activity to activate disabled individuals and ensure their adaptation to society.

Sport is an integral part of all people, regardless of ethnicity, age, gender, and physical condition. It has been an effective tool in ensuring social cohesion and cultural rapprochement, as well as improving the physical and mental health of individuals. Sports activities affect individuals positively in terms of mental, physical,

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and social aspects, but they are more important for disabled individuals. The benefits of sports for people with disabilities can be counted as meeting the need for physical activity, providing a healthy lifestyle habit, enabling socialization, providing a sense of self-actualization, and relieving the feeling of exclusion. Considering these benefits, the only reason why sports have a rehabilitation aspect in the lives of disabled people is not only the positive physical effect, but also the fact that it gives the individual a social environment and helps them to feel good emotionally. Therefore, sports support the physical and emotional development of individuals with disabilities and enable them to establish good relations in society.

It is an undeniable fact that doing sports is of vital importance. However, there are factors that limit the participation of individuals in sports or reduce their level of satisfaction. It is possible to examine these factors in two main groups:

- Personal Barriers: Motivation, nervous-stress state, anxiety, limitation of movement, health problems, mood, etc. factors affecting the physical or mental state of the person,
- Environmental Barriers: Access, adequacy, and suitability of the facility, trainer status, sports equipment costs, time and season, etc. elements that do not originate from the person himself.

There are psychological support, motivational speeches, and personal development studies for the personal obstacles that prevent people with disabilities from doing sports. Regarding environmental barriers, there are building inspection accessibility guides developed. These guidelines aim to facilitate access to public services in both the United States and the European Union and to ensure that individuals can benefit equally from opportunities.

Studies on the accessibility of disabled people to sports have revealed that disabled people have more negative experiences than non-disabled individuals in terms of the place (building - equipment) and trainer. Trainers who graduated from the School of Physical Education and Sports (SPES) receive training in the field of working with disabled individuals. It is a fact that not all the trainers working in the halls are SPES graduates. The lack of a platform for SPES graduates to show their experience of working with disabled individuals leads to families of disabled individuals not being aware of this situation, which limits participation in sports activities. These mentioned points reveal the need for a well-planned, accessibility certification and communication platform for people with disabilities. One of the aims of our project is

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to develop a certification system for different types of disabilities in terms of accessibility to sports fields. Accessibility is defined as the ability of everyone to reach and use any place and service they want without being dependent on anyone and safely. The purpose of the accessibility certificate system we have prepared is to enable disabled individuals to do sports with equal opportunities with everyone without any restrictions, to increase the quality of sports and physical activities offered/to be offered by existing and newly opened sports facilities to disabled individuals, thus, to create an environment that appeals to everyone without discrimination. The realization of these conditions is possible with the provision of accessibility.

In this regard, various main groups were determined, the main groups were divided into subgroups and criteria were determined for each group. In the Strategy document of the European Commission on the Rights of Persons with Disabilities 2021-2030, it is stated that the European Union will carry out further work on action, standardization, and technical specifications for people with disabilities. The accessibility certification system, prepared within the scope of the project, has been prepared in such a way that it will be accepted by international organizations and can be considered as a valid standardization document.

The prepared document has been created by taking into account the following principles adopted by international standardization organizations.

1. **Transparency:** The parties involved in standardization could easily access to information such as the workflow and the guidelines of the standardization institution, recommendations for standards and drafts of standards.
2. **Clarity:** The process of developing standards or policies in international standardization institutions should be available to all relevant and member organizations. Any member interested in the standardization activity – especially from developing countries- should be provided with the opportunity to participate in the development stage of the standards.
3. **Impartiality and Consensus:** All relevant institutions should be provided with the opportunity to contribute to the preparation of international standards so that the standardization process would not be biased for the benefit of a particular party or stakeholder. Impartiality must be maintained throughout the entire process. There should be reconciliation procedures that offers solutions to all interested parties and for possible conflicts.

4. Efficiency and Relevance: International standards should protect competition and industry progress. In order to maintain development and impartiality, standardization should be based on performance rather than factors that affect competitive balances such as design and product features.

5. Compatibility: There should be coordination and cooperation between international standardization bodies in order to avoid conflicts or duplications.

6. Development Dimension: Solutions should be offered to the conditions that restrict the participation of developing countries in international standardization studies and their participation should be facilitated.

Defining a person's disability is an extremely difficult and complex situation. ICF (International Classification of Functioning, Disability and Health) carries out the study of classification of disability types in the international arena. Today, many countries, including Turkey, benefit from ICF. The overall aim of the ICF classification is to establish a common, standard language and framework for describing health and health-related conditions. It defines the components of health and the health-related components of well-being (such as education and labor).

ICF was developed by the World Health Organization (WHO) to be used in a different field of health and is part of an international classification system. (WHO's international classification system provides a framework for digitizing a wide range of health-related information)

The objectives of the ICF can be summarized as follows::

- To provide a scientific basis for understanding and researching health and health-related conditions, their consequences and determinants,
- To create a common language in order to increase communication about health and health-related situations among different users in the society, including healthcare professionals, researchers, politicians and those with disabilities,
- To allow comparison of data in terms of countries, health-related disciplines, services and time,-

In this project, the "Measuring Health and Disability" handbook published by ICF (unit of the World Health Organization), was used to classify the individuals who has physical, visual and hearing impairment and to determine their needs. Hence, the disabilities were classified and the issue of accessibility was discussed in detail and regularly.

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Direct accessibility to a place varies according to the type of disability of individuals. Therefore, we have differentiated the accessibility criteria according to the types of disabilities. We have detailed the accessibility criteria that we have separated according to the types of disabilities and divided them into sub-criteria. In this way, we made it possible to view interrelated data at once.

In this context, customized criteria have been prepared for different types of disabilities. All criteria and their subcategories were evaluated using color codes. The red color indicates mandatory conditions for each type of disability; if it is not provided being incompatible, the color orange indicates neutrality, and the green color indicates compatibility. As a result of our coloring system, whether a criterion is met or not is determined according to the disability type of the individual.

Certification and standardization provide the opportunity to produce a product or service under defined rules and protocols that are universally followed and adopted by everyone. In this sense, it is very important to increase the quality of the services provided for people with disabilities. With the certification process we created in this project, we ensure that sports fields reach universal standards.

# Parking Parking

In general, parking lots are the starting part of our target points. Therefore, their importance is great and it is among the areas where accessibility should be ensured. Parking lots should have features that make it possible for people using auxiliary equipment to use them.

## Question

## Color Code for Question

1

Is there a parking lot for the park?

If the parking lot of the park is available, it will be **green** and the sub-questions of this question will be gone, otherwise it will be colorless and the sub-questions of this question will not be goes.

1.1

Is there a disabled parking space in the park?

If the park has a disabled parking space, it will be **green** and the sub-questions of this question will be navigated, otherwise it will be colorless and the sub-questions of this question will not be go.

1.1.1

Is the number of disabled parking spaces in the park 5% of the total number of parking spaces?

**Green** if the number of disabled parking spaces in the park is 5% of the total number of parking spaces, and colorless if not

1.1.2

Is the distance of the disabled parking space from the parking entrance-exit or the elevator (if any) less than 30 meters?

**Green** if underneath, colorless if not

1.1.3

Is the disabled parking space clearly marked?

Disabled parking is **green** if clearly marked and colorless if not marked

1.1.4

Is there a marking for the purpose of orientation and information from places such as parking entrance and parking entrance to the disabled parking space?

**Green** if marking is made for the necessary guidance and informational purposes, and colorless if not



**Question****1.1.5**

Is the disabled parking lot width 400 cm or more, or if there is a common area, is the area 150 cm or more?

**1.1.6**

Is the disabled parking space 400 cm or more wide, or if there is a common area, is the space 150 cm or more?

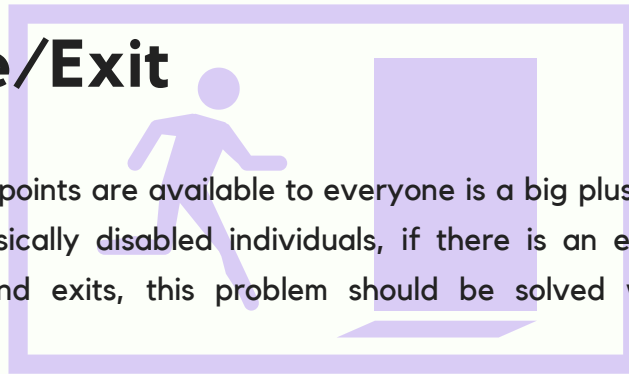
**Color Code for Question**

Disabled parking is 400 cm or more wide or green if there is a common area, **green** if the area is 150 cm or more, and colorless if it is not

If the disabled parking space width is 400 cm or more, or if there is a common area, the area will be **green** if it is 150 cm or more, otherwise colorless

## Park Entrance/Exit

The fact that the entry and exit points are available to everyone is a big plus for the parks. For this reason, for physically disabled individuals, if there is an elevation difference at the entrances and exits, this problem should be solved with an accessible staircase or ramp.

**Question****1**

Are the park entrances and exits suitable for everyone's use?

**2**

Is the parking entrance/exit flat foot?

**3**

Is there an elevation difference at the entrance of the park?

**3.1**

Is the problem solved with the appropriate ramp/elevator/lifting conveying platform and ladder?

**4**

Is there an x-ray machine at the entrance of the park?

**Color Code for Question**

**Green** if the park entrances/exits are suitable for everyone, **red** if not

**Orange** if the parking inlet/exit is flat foot and not **green**

If there is no elevation difference at the entrance of the park, it will be **green** and the sub-question of this question will not be followed, if there is an elevation difference, the sub-question will be passed without color evaluation.

**Green** if the problem is solved with the appropriate ramp/elevator/lifting conveying platform and ladder, **red** if not resolved

If there is no x-ray device at the entrance of the park, coloring is not done, if there is no coloring, the sub-questions of this question are taken without coloring

**Question****4.1**

Is the width of the x-ray device at least 90 cm?

**Color Code for Question**

If the X-ray device width is at least 90 cm, it will be **green**, otherwise it will be colorless

**4.1.1**

Is there a gap of 90 cm next to the X-ray machine?

**Green** if there is a gap of 90 cm next to the X-ray machine, **orange** if there is no

## Parking Stairs

Stairs are important elements that ensure vertical circulation. Therefore, they must be available to everyone. Contrary to popular belief, escalators and spiral staircases are not accessible due to the difficulty of use.

**Question****1**

Is there an elevation difference in the park?

**Color Code for Question**

If there is no elevation difference in the park, it will be **green** and the sub-questions will not be asked, if there is an elevation difference, the sub-questions will be gone without coloring

**1.1**

Are there stairs in the park?

If there is a ladder in the park, the sub-questions of this question are visited without coloring, if there is no ladder, no coloring is done and the sub-questions of this question are not followed.

**1.1.1**

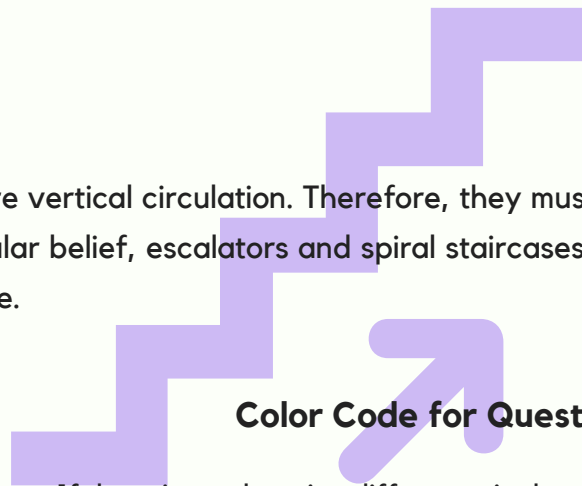
Are the stairs with open docks? (Stairs with open docks are not accessible.)

**Green** if the stairs are not open-docked, **red** if they are open-docked.

**1.1.2**

Are the stairs perpendicular to the direction of walking?

If the stairs are erect in the direction of walking, they are **green**, if not, **orange**



## Question

## Color Code for Question

1.1.3

Are all the steps on the stairs the same depth and height?

Green if the depth and height of all steps on the stairs are the same, and red if not

1.1.4

Are the ends of the steps on the ladder without protrusions?

The ends of the steps on the ladder are green if they are non-protruding and orange if they are protruding

1.1.5

Is there a 2.5 cm wide anti-slip strip at the end of the staircase treads in the park that is in a color opposite to the floor in the width of the stairs that will not protrude or has anti-slip treatment been performed?

Is there a 2.5 cm wide anti-slip strip at the end of the staircase treads in the park that is in a color opposite to the floor width of the stairs, which will not protrude, or green if anti-slip treatment has been done, red if not.

1.1.6

Are the stair treads in the park at least 30 cm deep and 15 cm in height?

If the depth of the stair treads in the park is at least 30 cm and the height is not more than 15 cm, green

1.1.7

Is there a landing on the stairs, up to one in 12 steps?

Green if the staircase is made at a maximum of one in 12 steps, orange if not made

1.1.8

Are there handrails or walls/ parapets on both sides of the stairs?

Green if there is a handrail or wall/ parapet on both sides of the stairs, red if not available

1.1.9

Is there a handrail on the ladder?

If there is a handrail on the ladder, it will be green and the sub-questions of the question will be navigated, if not found, it will be red and the sub-questions of the question will not be navigated

1.1.9.1

Is there a handrail on each side of the ladder with the 1st stage 90 cm above the ground and the 2nd stage 70 cm above the ground?

Green if there is a handrail on each of the 2 sides of the ladder, with the 1st stage 90 cm above the ground and the 2nd stage 70 cm above the ground, orange if not found

Question	Color Code for Question
1.1.9.2 Are handrails durable?	Green if handrails are durable, red if not
1.1.9.3 Did the handrail start 30 cm before the beginning of the stairs and continue 30 cm after the end of the staircase? (If the 30 cm extension of the handrail remains in the circulation area, 30 cm extension should not be applied.)	If the handrail started 30 cm before the beginning of the stairs and continued 30 cm after the end of the staircase, green, if not, orange, if not, coloring is not done if it does not continue because it remains in the circulation area.
1.1.9.4 Are the ends of the handrail fixed to the wall or rounded in the shape of a half moon?	Green if the ends of the handrail are fixed to the wall or rounded in a halfmoon shape, red if not fixed or rounded
1.1.9.5 Is there a distance of at least 4 cm between the handrail and the wall or handrail where it is located?	Green if there is a distance of at least 4 cm between the handrail and the wall or handrail where it is located, or orange
1.1.9.6 Is the diameter of the handrail between 32 mm and 45 mm?	Green if the diameter of the handrail is between 32 mm and 45 mm, orange if not

## Parking Ramps

Due to the elevation difference, the ramps to be used in the parks must be accessible. The ramps should be made using a flat, stable and non-slip material, and the slope of the ramps should be as little as possible.

### Question

1

Is there an elevation difference in the park?

### Color Code for Question

If there is no elevation difference in the park, it will be green and the sub-questions of this question will not be asked, if there is an elevation difference, the sub-questions of this question will be passed without coloring.

## Question

1.1

Is there a ramp in the park?

1.1.1

Is the ramp surface coating covered with a material that does not slip when it is flat, stable, durable, dry and wet?

1.1.2

Is the net width of the ramp at least 100 cm?

1.1.3

Are there bumps/potholes at the beginning and end of the ramp?

1.1.4

If the ramp is longer than 9 meters, are there rest areas of 150 cm x 150 cm every 9 meters?

1.1.5

Is there a wall or parapet that will not require the construction of railings or railings on both sides of the ramp, as should be done if the ramp height is more than 15 cm and the length is more than 2 m?

1.1.6

Is there a handrail on the ramp?

1.1.6.1

Are the handrails on each side of the ramp so that the 1st stage is 90 cm above the ground and the 2nd stage is 70 cm above the ground?

## Color Code for Question

If there is a ramp in the park, it will be **green** and the sub-questions of this question will be navigated, if there is no ramp, it will be **orange** and the sub-questions of this question will not be gone

**Green** if the ramp surface coating is covered with a non-slip material when it is flat, stable, durable, dry and wet, and **red** if not coated

**Green** if the net width of the ramp is at least 100 cm, **red** if not

**Green** if there are no bumps/potholes at the beginning and end of the ramp, **red** if there is

If the ramp is longer than 9 meters, **green** if there are rest areas of 150 cm x 150 cm every 9 meters, **orange** if not available

**Green** if the wall or parapet is built on both sides of the ramp that will not require the construction of railings or railings, as should be done if the ramp height is more than 15 cm and the length is more than 2 m, and **red** if not.

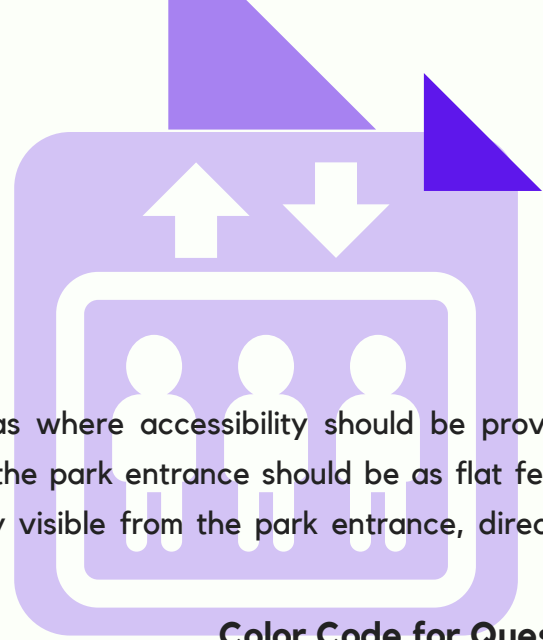
If there is a handrail on the ramp, it will be **green** and the sub-questions of the question will be navigated, if it is not found, it will be **red** and the sub-questions of the question will not be navigated

**Green** if there is a handrail on each of the 2 sides of the ramp with the 1st stage 90 cm above the ground and the 2nd stage 70 cm above the ground, **orange** if not found

Question	Color Code for Question
1.1.6.2 Are handrails durable??-	Green if handrails are durable, red if not
1.1.6.3 Did the handrail start 30 cm before the start of the ramp and continue 30 cm after the end of the ramp? (If the 30 cm extension of the handrail remains in the circulation area, 30 cm extension should not be applied.)	If the handrail started 30 cm before the start of the ramp and continued 30 cm after the end of the ramp, the green, if it did not continue, the orange if it did not continue, if it did not continue because it remained in the circulation area, the coloring is not done
1.1.6.4 Are the ends of the handrail fixed to the wall or rounded in the shape of a half moon?	Green if the ends of the handrail are fixed to the wall or rounded in the shape of a half moon, red if not fixed or rounded
1.1.6.5 Is there a distance of at least 4 cm between the handrail and the wall or handrail where it is located?	Green if there is a distance of at least 4 cm between the handrail and the wall or handrail where it is located, or orange
1.1.6.6 Is the diameter of the handrail between 32 mm and 45 mm?	Green if the diameter of the handrail is between 32 mm and 45 mm, orange if not
1.1.6.7 Are there ramp(s) that do not have protection on the edges?	If there is no ramp without protection on the edges, it will be green, if any, the sub-question of this question will be passed without coloring
1.1.6.7.1 Is a protection border of at least 5 cm height installed on the ramp(s) that do not have protection on the edges?	Green if at least 5 cm high protection curb is made on ramp(s) without protection on the edges, red if it cannot be made

# Parking Elevators

Elevators are one of the important areas where accessibility should be provided. Therefore, access to the elevators from the park entrance should be as flat feet as possible. If the elevators are not clearly visible from the park entrance, directions should be made with signs.



## Question

## Color Code for Question

1

Is there an elevator in the park?

If there is an elevator in the park, it will be **green** and the sub-questions of this question will be passed, if not, the color evaluation will not be made.

1.1

Is access to the elevator on a flat foot and accessible route?

**Green** if access to a censorship is on a straightfoot and accessible route, **red** if not

1.2

Has the necessary guidance and marking been made for the elevator?

**Green** if the necessary routing and marking is done, **red** if not

1.3

Is the elevator car interior size at least 120 cm x 150 cm?

**Green** if the elevator car interior size is at least 120 cm x 150 cm, **red** if not

1.4

Is the net passage width of the elevator door at least 90 cm?

**Green** if the net passage width of the elevator door is at least 90 cm, **red** if not

1.5

Does the elevator door stay open for at least 6 seconds?

**Green** if the elevator door remains open for at least 6 seconds, **red** if not

1.5.1

Is the elevator door frame in a contrasting color with its surroundings so that it can be easily recognized by those with low vision?

The elevator door frame is **green** if it is in a contrasting color with its surroundings, otherwise it is **orange** so that it can be easily noticed for those with low vision.

1.6

Is there a grab bar in the cabin?

If there is a hold bar, it will be **green** and the sub-question of the question will be navigated, if it is not found, it will be **red** and the sub-question of the question will not be navigated

## Question

1.6.1

Are there any grab bars on all walls (except the wall where the door is) at least  $90\pm 2.5$  cm above the floor in the cabin?

1.7

Is there a threshold/step/elevation difference in access to the elevator car from the landing in front of the elevator?

1.8

Are the dimensions of the 150 cm x 150 cm stall, which is required for the wheelchair to rotate  $180^\circ$  in front of the elevator, provided?

1.9

Are the necessary guidance and information signs used inside and outside the elevator car?

1.9.1

Are the guidance and information signs used in the elevator understandable and legible?

1.10

Are the centerlines of the buttons at the bottom inside and outside the elevator car at least 85 cm above the floor?

1.11

: Are the centerlines of the buttons at the top inside the elevator car no more than 120 cm above the floor and no more than 110 cm above the cabin outside the cabin?

## Color Code for Question

**Green** if there is a grab bar on all walls (except the wall where the door is located) at a height of at least  $90\pm 2.5$  cm from the floor in the cabin, **orange** if not available

**Green** if there is no threshold / step / elevation difference in access to the elevator car from the landing in front of the elevator, **red** if there is

**Green** if the dimensions of 150 cm x 150 cm rack required for the wheelchair to rotate  $180^\circ$  in front of the elevator are provided, **red** if not provided

If the necessary guidance and information signs are used inside and outside the elevator cabin, it will be **green** and the sub-question of the question will be gone, if it is not used, the sub-question of the question will not be gone and it will be **orange**.

**Green** if the guidance and information signs used in the elevator are understandable and legible, and **orange** if they are not understandable and legible

The centerlines of the buttons at the bottom inside and outside the elevator car are **green** if they are at least 85 cm above the floor, and **orange** if they are not.

The center lines of the buttons at the top inside the elevator car are **green** if they are not more than 120 cm above the floor and 110 cm above the outside the cabin, and **orange** if they are not



	Question	Color Code for Question
1.12	Are the buttons inside and outside the cab at least 20mm?	The dimensions of the buttons inside and outside the cabin are <b>green</b> if at least 20 mm, <b>orange</b> if not
1.13	Does the elevator have an indicator indicating the floor position?	If there is an indicator indicating the floor position in the elevator, it will be <b>green</b> and the sub-question of the question will be gone, if not, it will be <b>orange</b> and the sub-question of the question will not be gone.
1.13.1	Are the heights of the numbers on the indicator in the cab between 30 mm and 60 mm?	<b>Green</b> if the height of the numbers in the indicator in the cab is between 30 mm and 60 mm, <b>orange</b> if not

## Park Lifting and Forwarding Platforms

Another system used to solve the problems created by elevation differences in parks and to ensure accessibility in vertical circulation is lifting and transmitting platforms. Location selection is very important in designing lifting and forwarding platforms. Necessary precautions should be taken to provide the necessary maneuvering areas at the starting and ending points, to ensure that the platforms are stuck in transitions when they are open and closed, that they do not cause impact, that there is no gap under them when they rise and that they are used safely.

	Question	Color Code for Question
1	Are there any lifting and forwarding platform(s) in the park?	If there are lifting and transmitting platform(s) in the park, it will be <b>green</b> and the sub-questions of the question will be gone, otherwise no coloring will be done
1.1	Is there room for maneuvering for a wheelchair at the end and beginning of the platform?	<b>Green</b> if there is room for the wheelchair at the end and beginning of the platform, or <b>red</b> if there is no
2	Have measures been taken to prevent gaps under the platform when it goes up?	<b>Green</b> if measures have been taken to prevent gaps under the platform when it goes up, <b>red</b> if not taken

# Circulation in the Park

The fact that the park paths have an appropriate width, that there are no vertical or horizontal obstacles that will prevent circulation in the area where these roads are located, and that the floors of the circulation areas are made using straight, fixed and non-slip materials are just a few of the factors that make circulation accessible in the park.

## Question

## Color Code for Question

1

Are parking trails accessible?

Green if parking trails are accessible, red if not

2

Is the surface of the roads made of a flat, stable, non-slip material?

Green if the surface of the roads is made of a flat, stable, non-slip material, red if not made

3

Is the parking path width at least 200cm?

Green if the parking path width is at least 200cm, red if not

4

Is there a 220 cm head opening along the parking lot?

Green if 220 cm head opening is provided along the parking road, red if not provided

5

Are there any wall-mounted objects in the parking lot?

If there is no wall-mounted object in the parking path, green, if there is any, the sub-question of this question is passed without coloring

5.1

Do objects protrude more than 10 cm from the wall?

Green if objects do not protrude more than 10 cm from the wall, orange if they do

5.1.1

If the object protrudes more than 10 cm, is it positioned in such a way that it leaves no more than 30 cm clearance from the ground?

Green if the object is positioned to leave a maximum gap of 30 cm from the ground if it protrudes more than 10 cm, red if not positioned

## Question

## Color Code for Question

6

Is the slope of the parking lanes at most 5%?

If the slope of the parking roads is at most 5%, it will be **green** and the sub-question of this question will not be passed, if not, the sub-question of this question will be passed without color evaluation.

6.1

Are there ramps on roads with a slope of more than 5%?

**Green** if there is a ramp on roads with a slope of more than 5%, **red** if not available

7

Is there a steep downward slope on the side of the pedestrian path?

If there is no downward slope on the side of the pedestrian path, it will be **green** and the sub-question of this question will not be passed, if any, the sub-question of this question will be passed without color evaluation.

7.1

Is there a railing with a height of at least 110 cm in areas with steep slopes?

**Green** if there is a railing at least 110 cm high in areas with steep slopes, **red** if not available

8

Are there any rest areas in the park?

If there are rest areas in the park, it will be **green** and the sub-questions of this question will be visited, if not, it will be red and the sub-questions of this question will not be go.

8.1

Are the rest areas built every 30 m?

The rest areas are **green** if they are made every 30 m, **orange** if they are not made

8.2

Do the seating equipment (benches) in the park have armrests and backrests that allow easy sitting and getting up?

**Green** if the seating equipment (benches) in the park have armrests and backrests that allow easy sitting and up, **orange** if not available

8.3

Is there a 120 cm area on the side of the seating equipment (benches) for individuals using wheelchairs?

**Green** if there is a 120 cm area for wheelchair users on the side of theseating equipment (benches), **orange** if there is no

8.4

Is the height of the bench from the floor no more than 45 cm?

**Green** if the height of the bench from the floor is not more than 45 cm, **orange** if not

8.5

Are the tables in the rest areas in the park between 75 cm and 90 cm high?

If the height of the tables in the rest areas in the park is between 75 cm and 90 cm, **green** and **orange** if not

## Question

9

Is there a gutter on the pedestrian path? (There should be no gutter on the pedestrian path.)

9.1

Is there a grille on the pedestrian path?

9.1.1

Perpendicular to the direction of transition? Izgara aralıkları en fazla 13 mm mi?

9.1.2

Are the grid spacing more than 13 mm?

10

Is there a pedestrian sidewalk in the park?

10.1

Are there any pavement ramps on the sidewalk ups and downs?

10.1.1

Is the width of the pavement ramp at least 90 cm?

10.1.2

Is the pavement ramp slope up to 8%?

10.1.3

Is the pavement ramp wing slope more than 10%?

10.2

Is the sidewalk designed to be at least 150 cm clear so that all pedestrians can move freely?

## Color Code for Question

If there is no groove on the pedestrian path, it will be **green** and the sub-question of this question will be passed, if there is a groove, it will be **red** and the sub-question of this question will not be passed.

If there is a grid on the pedestrian path, the sub-questions of this question are passed without coloring, if not, coloring is not done and the sub-questions of this question are not passed

**Green** if the grid is perpendicular to the direction of passage, **orange** if not

**Green** if grid spacing is not more than 13 mm, **red** if not

If there is a pedestrian sidewalk in the park, it is colorless and the sub-question of this question is passed, if not, the color evaluation is not made and the sub-questions of this question are not passed.

If there is a pavement ramp at the sidewalk descents, it will be **green** and the sub-questions of this question will be passed, if not, it will be **red** and the sub-questions of this question will not be passed

**Green** if width is at least 90 cm, **red** if not

**Green** if slope is not more than 8%, **red** if not

**Green** if the blade tilt is not more than 10%, **red** if not

**Green** if designed to be at least 150 cm clear, **red** if not designed

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**Question****Color Code for Question****11**

Is there lighting along the pedestrian path?

Green if lighting along the pedestrian path is made, red if not

**12**

Were plants used in the design of the park?

If plants are used in the park design, it will be green and the sub-question of this question will be passed, if it is not utilized, it will be colorless and the sub-question of this question will not be passed.

**12.1**

Do the plants used in park design create a problem for people with disabilities?

Green if plants do not create a problem for disabled individuals, red if they do

# Parking Toilets

Since toilets are among the areas we use most often in daily life, they should be designed in a way that everyone can use them. Accessible toilets at this point; With its entrance, maneuvering space and all the equipment it has, it provides a safe and comfortable use to those who have limited mobility.



## Question

## Color Code for Question

1

Is there a toilet in the park?

If there is a toilet in the park, it will be **green** and the sub-question of this question will be passed, if not, the color evaluation will not be made.

1.1

Is there an accessible toilet in the park?

If there is an accessible toilet in the park, it will be **green** and the sub-questions of this question will be passed, if not, it will be colorless and the sub-questions of this question will not be passed.

1.1.1

Are there directions to accessible toilets from the main entrance?

**Green** if directed to accessible toilets from the main entrance, **orange** if not

1.1.2

Are the accessible toilets indicated by the markup?

**Green** if marked, accessible toilets if indicated, **orange** if not specified

1.1.3

Are there any accessible toilets for both men and women?

**Green** if there are accessible toilets for both men and women, **orange** if not available

1.1.4

Is the accessible toilet independent? (Accessible toilets should have independent entrances as much as possible.)

**Green** if accessible toilet is independent, **orange** if not

1.1.5

Is maneuvering space with a diameter of at least 150 cm provided in the accessible toilet?

**Green** if manoeuvring space with a diameter of at least 150 cm is provided in the accessible toilet, **red** if not provided

1.1.6

Is the net passage width of the toilet door at least 90 cm?

**Green** if the net passage width of the toilet door is at least 90 cm, **red** if not

	Question	Color Code for Question
1.1.7	Does the toilet door open outwards?	Green if toilet door opens outwards, orange if not outwards
1.1.8	Is there a presence sensor in the accessible toilet?	Green if presence sensor is present in the accessible toilet, orange if not available
1.1.9	Is the accessible toilet lighting provided using sensor light?	Green if sensor light is used for accessible toilet lighting, orange if not used
1.1.10	Are there an emergency call in accessible toilets?	In accessible toilets, if there is an emergency call apparatus, it will be green and go to the sub-questions of the question, otherwise it will be red and the sub-questions of the question will not be gone
1.1.10.1	Is the emergency call apparatus hanging from the ceiling on all walls and on either side of the toilet bowl?	Green if the emergency call apparatus hangs from the ceiling on all walls and on either side of the toilet bowl, or orange if not
1.1.10.2	Is the ground clearance of the emergency call apparatus between 30 cm and 50 cm from the ground?	Green if the ground clearance of the emergency call apparatus is between 30 cm and 50 cm from the ground, orange if not between
1.1.11	Is the height of the toilet seat from the floor between 43 cm and 48 cm?	Green if the floor clearance of the toilet seat is between 43 cm and 48 cm, orange if not
1.1.12	Is the toilet seat placed in such a way as to allow transfer from wheelchair to toilet bowl?	Green if the toilet bowl is placed in such a way as to allow transfer from wheelchair to toilet bowl, red if not placed
1.1.13	Can siphon levers and conveyor taps be used with one hand, without requiring clutches and much power (up to 22.2N)?	Green if siphon levers and conveyor taps can be used with one hand, without requiring grip and much power (up to 22.2N), orange if not used
1.1.14	Is the height of the siphon arms above the ground more than 112 cm?	If the ground clearance of the siphon arms is not more than 112 cm, green and orange if not

Question	Color Code for Question
<b>1.1.15</b> Is there a toilet seat on both sides of the toilet bowl?	<b>Green</b> if there is a seat tap on both sides of the toilet bowl, <b>orange</b> if not available
<b>1.1.16</b> Is toilet paper easily accessible in height and position?	<b>Green</b> if toilet paper is easily accessible and positioned and <b>red</b> if not
<b>1.1.17</b> Are there grab bars in the accessible toilet?	If there are grab bars in the accessible toilet, it will be <b>green</b> and the sub-questions of the question will be navigated, if not found, it will be <b>red</b> and the sub-questions of the question will not be navigated
<b>1.1.17.1</b> Are there a required number of grab bars? (It should be on all 2 sides of the toilet bowl, sink and urinal, if any.)	<b>Green</b> if the number of grab bars is required, <b>orange</b> if not
<b>1.1.17.2</b> Are the grab rods between 32 mm and 38 mm in diameter?	<b>Green</b> if the diameter of the grab bars is between 32 mm and 38 mm, <b>orange</b> if not
<b>1.1.17.3</b> Is there a distance of 4 cm between the wall-mounted grab bar and the wall?	<b>Green</b> if there is a distance of 4 cm between the wall-mounted grab bar and the wall, or <b>orange</b> if not
<b>1.1.17.4</b> Does the fixed grab bar, which should be on the wall side of the toilet bowl, have a height between 85 cm and 95 cm from the floor?	The fixed grip bar, which should be on the wall side of the toilet bowl, is <b>green</b> if it has a height between 85 cm and 95 cm from the floor, and <b>orange</b> if it is not.
<b>1.1.17.5</b> Are all the grab bars mounted to withstand a force of at least 1.7kn?	<b>Green</b> if all traction bars are mounted with a force resistance of at least 1.7kn, <b>red</b> if not
<b>1.1.18</b> Are there urinals in the toilets?	If there is a urinal in the toilets, it is not colored and the sub-questions of the problem are not visited, if there is no urinal, it is not colored and the sub-questions of the problem are not
<b>1.1.18.1</b> Is the ground clearance of one of the urinals between 40 cm and 45 cm?	If the ground clearance of one of the urinals is between 40 cm and 45 cm, it is <b>green</b> , if not, it will not be colored



## Question

1.1.18.2

Is 76 cm x 122 cm free space provided for frontal approach in front of urinals?

1.1.19

Are there any cabinets under the sink that restrict access, etc.?

1.1.20

Are the sink lines angular? (Sinks should not have angular lines.)

1.1.21

Is the height of the knee space required for a wheelchair approach to the sinks from the floor to the pipe part under the sink at least 68.5 cm?

1.1.22

Is the height of the sink net at least 75 cm up to the bottom of the sink and no more than 86 cm up to the front top surface of the sink?

1.1.23

Can taps and other control tools be used easily and with one hand?

1.1.24

Is the lower edge of the mirrors at most 90 cm above the ground and the upper edge at least 190 cm above the ground?

## Color Code for Question

**Green** if 76 cm x 122 cm free space is provided for frontal approach in front of urinals, and not colored if not provided

**Green** if there is no cabinet restricting access, etc. under the sink, **orange** if there is

Sink lines are **green** if not angular, **orange** if angular

If the height of the knee space required to be provided for the approach to the sinks with a wheelchair is at least 68.5 cm from the floor to the pipe part under the sink, it is **green**, if not, it is **orange**

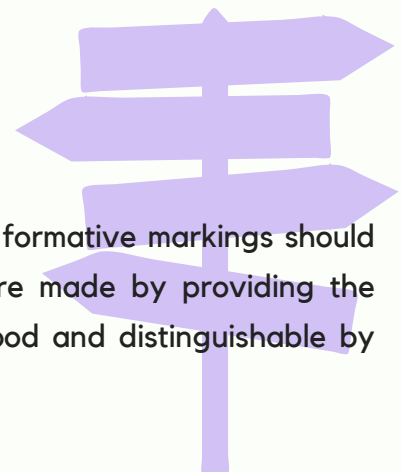
**Green** if the height of the sink is at least 75 cm net up to the bottom of the sink, no more than 86 cm up to the front upper surface of the sink, **orange** if not

Taps and other means of control shall be **green** if one-handed and easily available, and **orange** if not available.

**Green** if the lower edge of the mirrors is not more than 90 cm above the ground, the upper edge is at least 190 cm high, **orange** if it is not

## Markings Used in the Parl

A sufficient number and specification of directional and informative markings should be made throughout the park. These markings, which are made by providing the necessary conditions, should be readable, easily understood and distinguishable by everyone.



## Question

## Color Code for Question

1

Are there any directional and informative signs in the park?

If there are directional and informative signs in the park, it will be **green** and the sub-questions of this question will be passed, if not, it will be **orange** and the sub-questions of this question will not be passed

1.1

Are the guiding and informative signs used in the park in sufficient numbers and characteristics?

The guiding and informative signs used in the park shall be **green** if they are of sufficient number and characteristics, and **orange** if not.

1.2

Are the written information in the park supported by symbols?

**Green** if the written information in the park is supported by symbols, **orange** if not supported

1.3

Are the guidance signs used in comfortable places with wheelchair and assistive equipment users in mind?

The guidance signs used are **green** if they are located in comfortable places considering wheelchair and auxiliary equipment users, and **orange** if not found

1.4

Is the font size of the articles easy and readable for everyone?

The font size of the articles is easy and readable for everyone, **green** if selected and **orange** if not selected

1.5

Are the writings and signs of the appropriate size according to the viewing distance? (Letter heights should be at least 15 mm and every time the view distance of 1 meter increases, the writing sizes should be increased between 20 mm and 30 mm.)

**Green** if the writing and signs are of the appropriate size according to the viewing range, **orange** if not

1.6

Is the logo, symbol, etc. in the sign matte or low gloss so that the signs can be easily understood?

For easy understanding of the signs, the logo, symbol, etc. in the mark is **green** if it is matte or low bright, **orange** if it is not

1.7

Are the symbols used in integrity with the parking marking systems?

Symbols are **green** if used in integrity with parking marking systems and **orange** if not used

# Sports Fields and Children's Playgrounds

Sports and playgrounds, which contribute to the physical and social development, socialization and acquisition of new skills of adult individuals and children, should be able to be used comfortably and easily by everyone, safety measures should be increased and the equipment placed in these areas should have the necessary features.

## Question

## Color Code for Question

1

Is at least one third of children's play equipment accessible?

At least one third of children's play equipment is green if accessible, red if not

2

Are the children's playgrounds in the park arranged in such a way that children with and without disabilities can play together?

The children's playgrounds in the park are green if arranged in such a way that children with and without disabilities can play together, and red if not arranged

3

Are children's playgrounds supported with ramps in the necessary areas? (Steps should be avoided in children's playgrounds, these areas should be supported with ramps as much as possible.)

Children's playgrounds are green if supported by ramps in the necessary areas, orange if unsupported

4

Is there a minimum distance of 180 cm between the children's play equipment in the park?

Green if there is a minimum distance of 180 cm between the children's play equipment in the park and red if there is no

5

Are children's playgrounds divided by age groups? (In general, there should be a distinction between pre-school (0-5 age group), school age (5-12 age group) and young groups over 12 years old.)

Children's playgrounds are green if separated according to age groups, and color is not evaluated if not separated

## Question

## Color Code for Question

6

Is the playing equipment in the park made with the kind of material that will prevent injuries in case of falls or impacts?

The playing equipment in the park is **green** if it is made with a kind of material that will prevent injuries in case of falls, collisions, and **orange** if it is not made

7

Is the equipment in the park made of a material that does not create static electricity?

If the equipment in the park is made of a material that will not create static electricity, it is **green**, if it is not made, it is **orange**

8

Is there at least 150 cm x 150 cm of free space, especially when landing or ascent of gaming equipment such as slides?

**Green** if there is at least 150 cm x 150 cm of free space, especially when landing or disembarking from gaming equipment such as slides, and **red** if not available

9

Is there a sports area in the park?

If there is a sports area in the park, it will be green and the sub-questions of this question will be passed, if not, the color evaluation will not be made and the sub-questions of this question will not be passed.

9.1

Is there a minimum distance of 180 cm between the sports equipment in the park?

**Green** if there is a minimum distance of 180 cm between sports equipment in the park and **red** if there is no

9.2

Are the reinforcements of sports equipment designed to accommodate different hand sizes?

If the reinforcements of sports equipment are designed to comply with different hand sizes, **green** and **orange** if not designed

9.3

Is sports equipment free of sharp and protruding edges?

Sports equipment is **green** if it is free of sharp and protruding edges, **orange** if it is not purified.

# Areas Where Water Element is Used

Water elements both add aesthetics to the park and create a focal point by increasing the memorability of the space and helping to define it. In addition, the use of water elements in parks provides a great convenience in finding directions for disabled individuals.

## Question

**1**

Is the focus point created in the park using the water element? (With the use of water in the landscape, the focal point is created, the space is defined, it is reminiscent and memorable. In addition, the use of water elements makes it easier to find directions for people with disabilities.)

**1.1**

Have the necessary safety measures been taken for the water element used in the park?

**2**

Are the water item(s) used in the park accessible to individuals using wheelchairs?

## Renklendirme Kriterleri

If the focus point is created by using the water element in the park, it will be **green** and the sub-questions of this question will be passed, if it is not created, the color evaluation will not be made.

**Green** if the necessary safety measures have been taken for the water element used in the park, and **red** if not taken.

The water item(s) used in the park are **green** if accessible to wheelchair users, **orange** if not



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