

Accessibility for the Visually Impaired



Certification Criteria

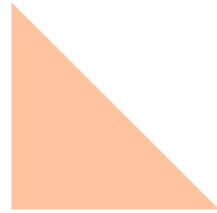
Park and Recreation Areas



Erasmus+

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





Accessibility for the Visually Impaired 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,

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

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.

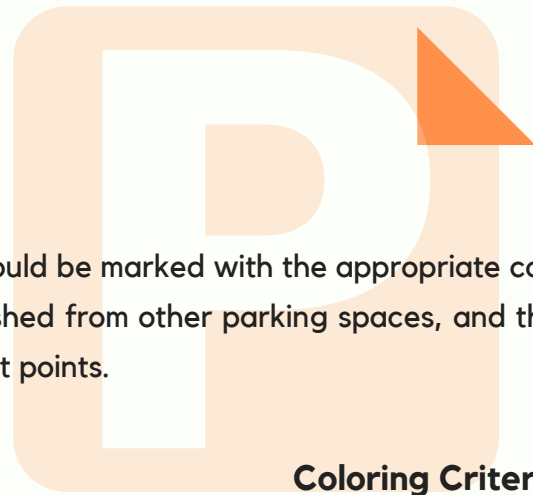
Direct accessibility to a place varies according to the type of disability of individuals. Therefore, we have differentiated the accessibility criteria according to the types of disabilities. We have detailed the accessibility criteria that we have separated according to the types of disabilities and 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 Lot

In parks, parking spaces for the disabled should be marked with the appropriate color contrast so that they can be easily distinguished from other parking spaces, and they should not be too far from the park entry-exit points.



Question

Coloring Criteria

1

Is there a parking lot in the park?

If there is, it will be **green** and go to the sub-question of this question, otherwise the coloring will not be done.

1.1

Is there a handicapped parking lot in the park?

If there is a parking lot in the park, it will be **green** and the sub-questions will be answered, otherwise the coloring will not be done and the sub-questions of this question will not be addressed.

1.1.1

Is the number of disabled parking spaces in the park equal to 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, otherwise, no coloring is done.

1.1.2

Is the distance of the disabled parking place to the parking entrance-exit or the elevator (if available) less than 30 meters?

If the distance of the disabled parking place to the parking entrance-exit or the elevator (if available) is less than 30 meters, **green**, otherwise, no coloring is done.

1.1.3

Is the disabled parking lot clearly marked?

Green if disabled parking is clearly marked, no coloration if not marked

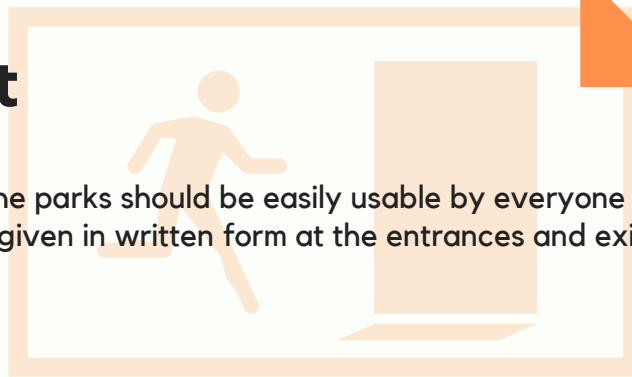
1.1.4

Is there a sign for the purpose of guiding and informing the disabled parking lot from places such as parking lot entrance, park entrance?

Green if there is a sign for guidance and information purposes from places such as parking lot entrance, park entrance to the disabled parking lot, if not coloring is not done.

Park Entry/Exit

The entrance and exit points of the parks should be easily usable by everyone and the necessary information should be given in written form at the entrances and exits.



Question

Coloring Criteria

1

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

Green if the park entrances/exits are suitable for everyone's use, otherwise **red**

2

Is the park entrance/exit flat?

Green if parking entrance/exit is flat, **red** if not

3

Is there level difference at the park entrance?

If there is a level difference at the entrance of the park, the sub-question of this question is not colored, otherwise the **green**.

3.1

Has the problem been resolved with a suitable ramp/elevator/lift delivery platform and ladder?

Green if there are stairs in parks with elevation difference and go to the sub-questions of the question, otherwise it will turn **red** and the sub-questions of the question will not be passed.

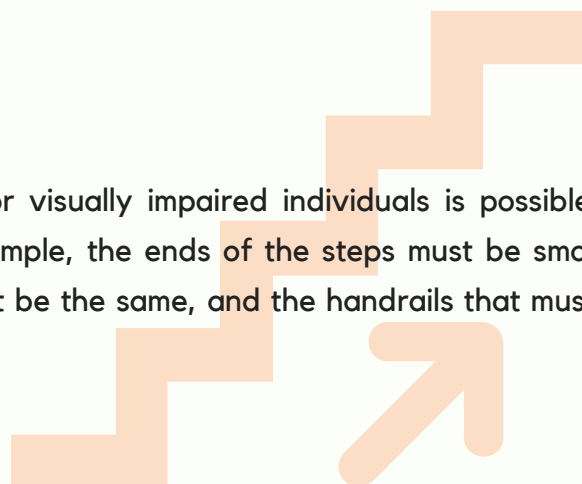
4

Is the entrance/exit of the park easily noticeable (especially for those with low vision)?

Green if park entrance/exit (especially for low vision) can be easily noticed, **red** if not

Parking Stairs

Accessibility of stairs used in parks for visually impaired individuals is possible by providing some basic features. For example, the ends of the steps must be smooth, the heights and depths of all steps must be the same, and the handrails that must be on both sides of the stairs are durable.



Question

Coloring Criteria

1

Is there a difference in elevation in the park?

If there is no level difference in the park, it is **green**, if not no color change

1.1

Are there stairs in the park?

Green if there are stairs in parks with elevation difference, and go to the sub-questions of the question, otherwise it will turn red and the sub-questions of the question will not be passed.

1.1.1

Are the stairs open?
(Open pier stairs are not accessible.)

Green if the stairs are not open pier, **red** if they are open piers

1.1.2

Are the stairs perpendicular to the walking direction?
(It should be upright.)

Green if the stairs are perpendicular to the walking direction, otherwise **orange**

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, otherwise **red**

1.1.4

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

Green if the ends of the steps on the ladder are not protruding, otherwise **red**

1.1.5

At the end of the stair steps in the park, is there a 2.5 cm wide non-slip strip that will not protrude and contrast with the floor in the width of the stairs, or is there an anti-slip treatment?

Green if at the end of the stair steps in the park, there is a 2,5 cm wide non-slip strip that will not protrude and contrast with the floor in the width of the stair, or if an anti-slip treatment has been applied, if not **red**

1.1.6

Are the stair steps in the park at least 30 cm deep and 15 cm high??

Green if the stair steps in the park are at least 30 cm deep and 15 cm high, otherwise **red**

Question

Coloring Criteria

1.1.7

Are landings made on the stairs, at most once every 12 steps?

Green if there is a landing on the stairs, at most once every 12 steps, otherwise **orange**

1.1.8

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

Green if there is a handrail wall/ parapet on both sides of the staircase, **red** if not

1.1.9

Are there handrails on the stairs?

Green if there is a handrail on the stairs, and go to the sub-questions of the question, if not, **red** and the sub-question of the question will not be passed.

1.1.9.1

Are the handrails on both sides of the stair, the 1st level 90 cm above the floor and the 2nd level 70 cm above the ground?

The handrails are on both sides of the stairs, the first level is 90 cm from the floor, If the second level is 70 cm above the ground, it is **green**, if it is not in these dimensions, it is **orange**.

1.1.9.2

Are the handrails durable?

Green if the handrails are durable, **red** if not

1.1.9.3

Did the handrail start 30 cm before the start of the stair and continue 30 cm after the end of the stair? (If the 30 cm extension of the handrail remains in the circulation area, 30 cm extension should not be applied.)

Green if the handrail started 30 cm before the beginning of the stairs and continued 30 cm after the end of the stairs, **green** if it is not made in these dimensions because it prevents the pedestrian path, and **orange** if it is not built even though it does not interfere with the pedestrian path.

1.1.9.4

Are the ends of the handrail fixed to the wall or rounded in a crescent shape?

Green if the ends of the handrail are fixed to the wall or rounded in a crescent shape, otherwise **red**

Question

1.1.9.5 Is there a distance of at least 4 cm between the handrail and the wall or handrail it is located on?

1.1.9.6 Is the diameter of the handrail between 32 mm and 45 mm?

1.1.9.7 For those with low vision, do the handrails and handrails contrast with the surface they are on?

Coloring Criteria

Green If there is a gap of at least 4 cm between the handrail and the wall it is on, otherwise **red**

Green if the diameter of the handrail is between 32 mm and 45 mm, otherwise **orange**

For those with low vision, the handrail and handrail are **green** if they are in a contrasting color with the surface they are on, and **red** if they are not.

Parking Ramps

The fact that the surface coating of the ramps in the parks is covered with a flat, stable, durable and non-slip material, and if the slope is high, there are handrails suitable for the ramp are important features that provide accessibility.

Question

1 Parkta kot farkı var mı?

1.1 Is there a difference in elevation in the park?

1.1.1 Is the ramp surface cladding covered with a material that is flat, stable, durable, and non-slip when dry and wet?

1.1.2 Are there any bumps/pits at the beginning and end of the ramp?

Coloring Criteria

If there is no level difference in the park, it is **green**, if there is, the sub-question of this question is answered without color evaluation.

If there is a ramp in the park, go to the sub-questions of this question and it will be **green**, if not, **orange**.

If the ramp surface coating is smooth, stable, durable, non-slip when dry and wet, **green** if it is covered, **red** if it is not.

Green if there is no bump/pit at the beginning and end of the ramp, **red** if there is

Question

Coloring Criteria

1.1.3

If the height of the ramp is more than 15 cm and its length is more than 2 m, have a wall or parapet been built on both sides of the ramp that does not require railings or railings?

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

1.1.4

Are there handrails on both sides of the ramp?

Rampanın her iki tarafında küpeşte bulunuyorsa bu sorunun alt sorularına gidilir ve **yeşil** olur, bulunmuyorsa **kırmızı**

1.1.4.1

Are the handrails so that the 1st level is 90 cm above the ground and the 2nd level is 70 cm above the ground?

If there are handrails on both sides of the ramp, go to the sub-questions of this question and it will be **green**, if not, **red**.

1.1.4.2

Are the handrails durable?

Green if the handrails are durable, **red** if not

1.1.4.3

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.)

Green if the railing started 30 cm before the start of the ramp and continued 30 cm after the end of the ramp, in a way that does not interfere with the pedestrian circulation (if it is, this application should not be done), **orange** if it does not

1.1.4.4

Are the ends of the handrail fixed to the wall or rounded in a crescent shape?

Green if the ends of the handrail are fixed to the wall or rounded in a half-moon shape, otherwise **red**

1.1.4.4

Is there a distance of at least cm between the handrail and the wall or handrail it is located on?

If there is a distance of at least 4 cm between the handrail and the wall or handrail, it is **green**, otherwise it is **red**.

Question**Coloring Criteria**

1.1.4.6

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, otherwise **orange**

1.1.4.7

Az görenler için küpeşte ve tırabzan buldukları yüzey ile zıt renkte mi?

Green, if the handrail and color of surface are contrasting colors, and **red** if they are not.

1.1.4.8

For those with low vision, do the handrails and handrails contrast with the surface they are on?

Green if at least 5 cm high protection border is made on the ramp(s) without protection on the edges, **red** if not.

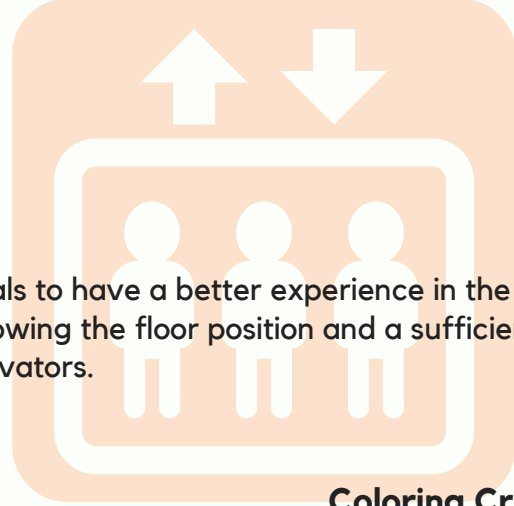
1.1.4.8.1

Is a protection border of at least 5 cm high made on the ramp(s) without protection on the sides?

Red if at least 5 cm high protection border is not applied to the ramp(s) without protection on the edges, **green** if it is

Parking Lifts

In order for the hearing impaired individuals to have a better experience in the elevators, there should be an indicator showing the floor position and a sufficient number of explanatory markings in the elevators.

**Question****Coloring Criteria**

1

Is there an elevator in the park?

Green if there is an elevator in the park, go to the sub-questions of this question , if not, no coloring is done.

1.1

Is access to the elevator level and accessible?

Asansöre erişim düzayak ve erişilebilir güzergahta ise **yeşil**, değil ise **kırmızı**

1.2

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

Green if elevator access is level and accessible route, **red** if not.

Question

Coloring Criteria

1.3

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

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

1.4

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

Green if the elevator door frame in a contrasting color with its surroundings so that it can be easily recognized by those with low vision it is green. If not **orange**

1.5

Is there a grab bar in the cabin?

If there is a grab bar in the cabin, go to the sub-question of this question and it will be **green**, if not, **red**.

1.5.1

Are grab bars located on all walls (except the wall where the door is) at a height of at least 90 ± 2.5 cm from the floor?

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

1.6

Is there a threshold/step/level difference in accessing the elevator cabin from the landing in front of the elevator?

Green if there is no threshold/step/level difference when accessing the elevator car from the landing in front of the elevator, **orange** if it is

1.7

Are the necessary prevention and information signs used inside and outside the elevator cabin?

If the necessary guidance and information signs are used inside and outside the elevator car, **green** and sub-questions of this question are used, if not, **red**

1.7.1

Are grab bars located on all walls (except the wall where the door is) at a height of at least 90 ± 2.5 cm from the floor?

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

	Question	Coloring Criteria
1.8	Are the dimensions of the buttons inside and outside the cabinet at least 20 mm?	Green if the dimensions of the buttons inside and outside the cabinet are at least 20 mm, otherwise orange
1.9	Showing floor position in elevator Is there an indicator?	If there is an indicator showing the floor position in the elevator, it will turn green and go to the sub-question of this question, if not, it will be orange .
1.9.1	Are the heights of the numbers on the display in the cabin between 30 mm and 60 mm?	If there is an indicator showing the floor position in the elevator, it will turn green and go to the sub-question of this question, if not, it will be orange .

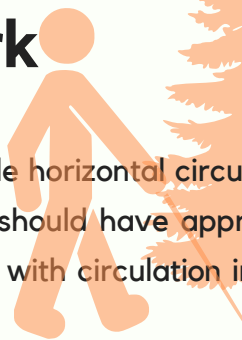
Park Lifting And Forwarding Platforms

Lifting and conveying platforms are another system used to solve the problems created by level differences in parks and to ensure accessibility in vertical circulation. Site selection is very important in the design of lifting and conveying platforms. When the lifting and conveying platforms in the park go up, measures should be taken to prevent the formation of spaces under them. If not taken, they can cause serious injuries and accidents.

	Question	Coloring Criteria
1	Does the park have lifting and conveying platform(s)?	If there are lifting and forwarding platform(s) in the park, go to the sub-question of this question and it will turn green , if not, color evaluation is not made.
1.1	Have measures been taken to prevent the formation of gaps under the platform when it goes up?	When the platform goes up, it is green if measures are taken to prevent the formation of a gap under it, if not, red

Roaming In The Park

In order to ensure the safe and comfortable horizontal circulation of visually impaired individuals in the park, the parking paths should have appropriate widths and there should be no material that would interfere with circulation in the park paths covered with the right floor selection.



Question

Coloring Criteria

1

Are the parkways accessible?

Green if parking paths are accessible, **red** if not

2

Are the surface of the roads made of a smooth, stable, non-slip material?

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

3

Is the parking path width at least 200 cm?

Green if the width of the parkway is at least 200 cm, otherwise **orange**

4

Is 220 cm of head clearance provided along the park path?

Green if 220 cm head clearance is provided along the park path, **red** if not

5

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

If there is a wall-mounted object on the park road, coloring is not done and the sub-questions of the question are gone, if not, it will be **green**.

5.1

Do objects protrude more than 10 cm from the wall?

If the objects do not protrude more than 10 cm from the wall, it will be **green**, if they do, no coloring is done and go to the sub-question of this question.

5.1.1

If the object protrudes more than 10 cm, is it positioned with a maximum clearance of 30 cm from the ground?

Green if the object protrudes more than 10 cm and placed with a maximum 30 cm clearance from the ground, **red** if not

Questions

6

The slope of the park paths is the most 5%?

7

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

7.1

Are there railings at least 110 cm high in areas with steep slopes?

8

Are there recreational areas in the park?

8.1

Are rest areas made every 30 m?

8.2

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

8.3

Is the bench higher than 45 cm from the floor?

8.4

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

Coloring Criteria

Green if the slope of the parkways is no more than 5%, otherwise **orange**

If there is a steep downward slope on the side of the pedestrian road, the coloring is not done and the sub-question of this question is gone, otherwise it will be **green**.

In areas with steep slopes, if there is a guardrail of at least 110 cm high, it is **green**, if not, **red**

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

Green if resting areas are built every 30 m, **orange** if not

Green if there are arm and backrests that provide easy sitting and standing on the seating equipment (benches) in the park, **orange** if they are not

Green if the bench is maximum 45 cm above the ground, otherwise **orange**

Green if the height of the tables in the rest areas of the park is between 75 cm and 90 cm, otherwise **orange**

Question

Coloring Criteria

9

Are there gutters on the pedestrian path? (There should be no gutters on the pedestrian path.)

If there is a gutter on the pedestrian path, it will be **red**, if not, it will be **green** and go to the sub-question of this question.

9.1

Is there a grid on the pedestrian path?

If there is a grid on the pedestrian road, coloring is not done and the sub-question of this question is gone, if not, it is **green**.

9.1.1

Is it perpendicular to the direction of crossing?

Green if perpendicular to the transition direction, **orange** otherwise

9.1.2

Are the grid spacings no more than 13 mm?

Green if grid spacing is up to 13 mm, otherwise **orange**

10

Is TWSM (Tactile Walking Surface Markings) used on the park roads?

If TWSM is used on the park roads, it will turn **green** and go to the sub-questions of this question, if not, **red** (if there is border tracking, no coloring is done)

10.1

Was the TWSM in the park created using materials such as stone, concrete and ceramics?

Green if TWSM in the park is created using materials such as stone, concrete and ceramics, **orange** if not

10.2

Are the protrusions of TWSM in the park level with the pavement?

Green if the ledges of TWSM in the park are at the same level as the pavement, otherwise **orange**

10.3

Is TWSM placed on the shortest possible route?

Green if TWSM is placed on the shortest possible route, **orange** if not

10.4

Is continuity ensured by using the same material at TWSM?

TWSM is **green** if continuity is ensured by using the same material, **orange** if not

10.5

Does TWSM have a contrasting color with the floor it is on?

TWSM is **green** if it is a contrasting color with the background, otherwise **orange**

Question

Coloring Criteria

11

Is curb tracking used in the park?

If curb tracking is used in the park, it will turn **green** and go to the sub-question of this question, if not, **red** (coloring is not done if TWSM is present)

11.1

Is the curb tracking route clear of obstructions?

Green if the curb tracking route is clear of obstructions, **red** if not

11.2

Is 220 cm head clearance provided on the curb tracking route?

Green if 220 cm head clearance is provided on the curb tracking route, **red** if not

12

Is there a pedestrian sidewalk in the park?

If there is a pedestrian sidewalk in the park, it is **green** and the sub-question of this question is addressed, if not, coloring is not done.

12.1

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

Green if the sidewalk is designed to be at least 150 cm clear so that all pedestrians can move freely, otherwise no coloring is done.

13

Is lighting provided along the pedestrian path?

Green if illuminated along the pedestrian path, **red** if not

14

Are plants used in park design?

If plants are used in the park design, they will be **green** and the sub-question of this question will be answered, if not, no coloring will be done.

14.1

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

The plants used in the park design are **orange** if they cause a problem for people with disabilities, and **green** if they do not.

Park Toilets

Toilets are one of the most frequently used areas, so accessibility should be ensured. Accessible toilets in parks should be designed as independent as possible. Accessible toilets in toilet blocks can cause problems in terms of use.



1	Question	Coloring Criteria
	Are there toilets in the park?	If there is a toilet in the park, it will be green and go to the sub-question of this question, if not, no coloring is done.
1.1	Are there accessible toilets in the park?	If there is an accessible toilet in the park, go to the sub-questions of this question and it will be green , if not, orange .
1.1.1	Are there any directions to the accessible toilets from the main entrance?	Green if there is a direction from the main entrance to the accessible toilets, orange if not
1.1.2	Are accessible toilets indicated by marking?	Green if marked accessible toilets are indicated, orange if not
1.1.3	Accessible toilet for both men and women does it exist?	Green if there is accessible toilet for both men and women, orange if not
1.1.4	Is the accessible toilet freestanding?	Green if accessible toilet is self-contained, orange if not
1.1.5	Does the toilet door open outward?	Orange if the toilet door does not open outward, green if it opens outward
1.1.6	Does the accessible toilet have a presence sensor?	Green if there is a presence sensor in an accessible toilet, red if not

Question	Coloring Criteria
<p>1.1.7 Is accessible toilet lighting provided using sensor light?</p>	<p>Green if accessible toilet lighting is made using sensor light, red if not</p>
<p>1.1.8 Are there emergency call devices in accessible toilets?</p>	<p>If there is an emergency call device in accessible toilets, go to the sub-questions of this question and it will be green, if not, red.</p>
<p>1.1.8.1 Is the emergency call device hanging from the ceiling on all walls and on both sides of the toilet?</p>	<p>Green if the emergency call apparatus hangs from the ceiling on all walls and on both sides of the toilet bowl, otherwise orange</p>
<p>1.1.8.2 Is the ground clearance of the emergency call apparatus between 30 cm and 50 cm from the ground?</p>	<p>If the height of the emergency call apparatus is between 30 cm and 50 cm from the ground, it is green; otherwise, no coloring is done.</p>
<p>1.1.9 Is the toilet paper at an easily accessible height and position?</p>	<p>Toilet paper is green if it is at an easily accessible height and position, otherwise red</p>
<p>1.1.10 Does the accessible toilet have grab bars?</p>	<p>If there are grab bars in the accessible toilet, go to the sub-questions of this question and it will be green, if not, red</p>
<p>1.1.10.1 Are the grab bars the required number (They should be on both sides of the toilet, sink and urinal, if any.)</p>	<p>Green if the handle bars are the required number, orange if not</p>
<p>1.1.10.2 Are the handle bars diameter between 32 mm and 38 mm?</p>	<p>Green if the diameter of the handle bars is between 32 mm and 38 mm, otherwise orange</p>

Question	Coloring Criteria
1.1.10.3 Is there a distance of 4 cm between the wall-mounted grab bar and the wall?	If there is a distance of 4 cm between the wall-mounted grab bar and the wall, green , otherwise orange
1.1.10.4 Does the fixed grab bar, which should be on the wall side of the toilet bowl, have a height between 85 cm and 95 from the floor?	If the fixed grab bar, which should be on the wall side of the toilet, has a height between 85 cm and 95 from the ground, it is green , if not, it is orange .
1.1.10.5 Are all grab bars mounted with a force of at least 1.7kn?	Green if all grab bars are mounted with a force of at least 1.7kn, red if not
1.1.11 Are there urinals in the toilets?	If there are urinals in the toilets, the sub-question of this question is done without color evaluation, otherwise color evaluation is not made.
1.1.11.1 Is the height of one of the urinals from the ground between 40 cm and 45 cm?	f the height of one of the urinals is between 40 cm and 45 cm, green , if not, color evaluation is not made.
1.1.12 Are the sink lines angular? (The sinks should not have angular lines)	Green if the sink lines are not square, orange if they are square

Markings Used in the Park

Guiding and informative signs in the parks should be easily understandable by the visually impaired. Braille and tactile embossed markings provide accessibility.



Question

Coloring Criteria

1

Are there guiding and informative signs in the park?

If there are guiding and informative signs in the park, go to the sub-questions of this question and it will be **green**, if not, **red**.

1.1

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

Green if there are sufficient number of guiding and informative signs in the park, **orange** if not.

1.2

Are the written information in the park supported by symbols?

Written information in the park is supported by symbols **green**, unsupported **orange**

1.3

Are the direction signs used in comfortable places considering wheelchair and assistive equipment users?

Green if the direction signs used are located in comfortable places, considering wheelchair and assistive equipment users, **orange** if they are not.

1.4

Are there any tangible ones among the guiding and informative signs in the park?

If there are tangible signs among the guiding and informative signs in the park, they will turn **green** and go to the sub-question of the question, otherwise **red**

1.4.1

Are the raised, palpable markings between 120 cm and 160 cm above the ground?

Green if embossed tactile markings are height from the ground is between 120 cm and 160 cm, otherwise **orange**

1.5

Yüksekliği 160 cm'den az olan işaretler Braille yazılı mı, kabartma içeriyor ve kolayca görülebiliyor mu?

Signs less than 160 cm high are in Braille and embossed and are **green** if they are easily visible, **orange** if they are not.

1.6

Are signs less than 160 cm high written in Braille, embossed, and easily visible?

Green if signs less than 160 cm high are in Braille, otherwise **red**

Question

Coloring Criteria

1.7

Are the texts and signs appropriately sized for viewing distance? (Letter heights must be at least 15 mm and font sizes must be increased between 20 mm and 30 mm for every 1 meter viewing distance)

If the text and signs are of suitable size according to the viewing distance, **green**, otherwise **red**.

1.8

Is the color selection made for the text and signs in a way that will create contrast on the surface they are on and make it easier to perceive (The combination of red-green should be avoided in marking)

Green if the color choice is made for texts and signs in a way that makes them easier to perceive by creating contrast on the surface they are on, **orange** if not.

1.9

For easy understanding of the signs, the logo, symbol, etc. on the sign. matte or low gloss?

Green if in order for the signs to be easily understood, the logo, symbol etc. on the sign matte or low gloss, otherwise **red**

1.10

Are the information texts used in the park supported with Braille?

Green if the information texts used in the park, supported by Braille, and go to the sub-questions of the question, **red** if not supported.

1.10.1

Is Braille used, raised, domed, and comfortable to touch?

Green if Braille used is raised, domed and comfortable to touch, **orange** if not

1.10.2

Is the Braille used positioned 8mm below the text, aligned to the left?

Green if the Braille used positioned 8 mm below the text, aligned left, **orange** if not positioned.

1.11

Semboller, park işaretleme sistemleri ile bütünlük içinde kullanılmış mı?

Green if embols are used in conjunction with parking marking systems, **red** if not

Sports Fields and Children's Playgrounds

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

Question

1

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

2

Are the playgrounds in the park arranged in such a way that disabled and non-disabled children can play together?

3

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

4

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

5

Are children's playgrounds separated by age groups? (Generally, a distinction should be made as pre-school (0-5 age group), school age (5-12 age group) and young groups over 12 years old.)

Coloring Criteria

Green if at least one-third of the children's play equipment is accessible, otherwise **red**

Green if children's playgrounds in the park are arranged so that children with and without disabilities can play together, **orange** if not

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

If there is a minimum distance of 180 cm between the playground equipment in the park, it is **green**, otherwise it is **orange**.

If children's playgrounds are separated by age groups, **green**, if not, no coloring is done.

Question**Coloring Criteria****6**

Is the playground equipment in the park made of a material that will prevent injuries in case of falling or hitting?

Green if the playground equipment in the park is made with a material that will prevent injuries in case of falling, hitting, and **red** if it is not made.

7

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

If the equipment in the park is made of a material that will not cause static electricity, **red**

8

Is there a sports field in the park?

If there is a sports field in the park, it will be **green**. Sub-questions of this question are answered, if not, no coloring is done.

8.1

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 the sports equipment in the park, otherwise **orange**.

8.2

Are the fittings of the sports equipment designed to suit different hand sizes?

Green if the equipment of the sports equipment is designed to suit different hand sizes, **orange** if it is not designed

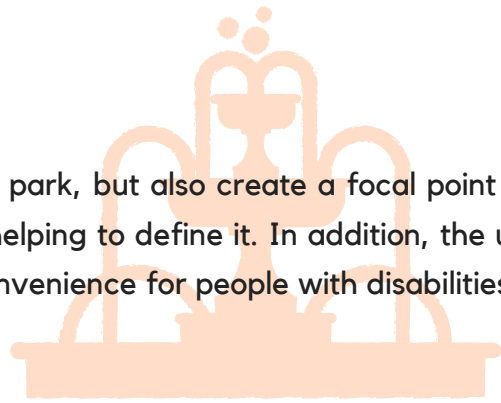
8.3

Is the sports equipment free of sharp and protruding edges?

Green if sports equipment is free from sharp and protruding edges, **red** if not

Areas Using Water

Water elements not only add aesthetics to the park, but also 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 for people with disabilities in finding directions.



Question

1

Is the focal point created by using the water element in the park? (The use of water in the landscape creates a focal point, defines the space, makes it a reminder and catches the eye. Also, the use of water makes it easy for people with disabilities to find their way.)

1.1

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

Coloring Criteria

If the focal point is created using the water element in the park, it will be **green** and go to the sub-question of this question, if not, no coloring is done.

For the water element used in the park, the necessary security measures are taken **green**, if not, **red**



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