

"BARRIER INSPECTION" CHECKLIST

This checklist is intended for the inspection of a barrier. Please enter your observations, tick the corresponding boxes, and take photographs or video recordings.

The paragraph numbers next to the boxes (e.g. no. 4.1) are reference numbers for the corresponding description in this maintenance manual.

The paragraph describes the criteria for repair and replacement.

Location:

General remarks:	Impact area:

Objects in the barrier

Leaves / soil / wood	Up to 20 cm	<input type="checkbox"/>	
Rubble / pebbles	> 20 cm	<input type="checkbox"/>	4.1
Stones	Up to 100 kg	<input type="checkbox"/>	
	> 100 kg	<input type="checkbox"/>	4.1
	> 500 kg	<input type="checkbox"/>	4.1/ 4.2
	<input type="checkbox"/>	

Stones up to approx. 35 cm in size

Stones over 60 cm in size

Visible damage:

A) Support and transmission ropes / U-brakes

Deformed rope	Yes	<input type="checkbox"/>	4.5.2
	No	<input type="checkbox"/>	
Net sags between posts	Up to 20 cm	<input type="checkbox"/>	
	> 20 cm	<input type="checkbox"/>	4.2 / 4.3
	> 50 cm	<input type="checkbox"/>	4.2 / 4.3
	> 1 m	<input type="checkbox"/>	4.2 / 4.3
Elongated brakes	Up to 30 cm	<input type="checkbox"/>	4.3
	> 30 cm	<input type="checkbox"/>	4.3
	> 60 cm	<input type="checkbox"/>	4.3
	> 80 cm	<input type="checkbox"/>	4.3

B) Retaining ropes

Deformed rope	Yes	<input type="checkbox"/>	4.5.2
	No	<input type="checkbox"/>	
Angle between post and ground	approx. 70°	<input type="checkbox"/>	
	approx. 80°	<input type="checkbox"/>	4.2 / 4.3
	> 90°	<input type="checkbox"/>	4.2 / 4.3

C) Remaining ropes (without brakes)

Deformed rope	Yes	<input type="checkbox"/>	4.2
	No	<input type="checkbox"/>	

D) Spiral rope anchor

Damaged loop	Yes	<input type="checkbox"/>	4.10
	No	<input type="checkbox"/>	
Pulled out of the ground (in cm)	< 3 cm	<input type="checkbox"/>	
	> 3 cm	<input type="checkbox"/>	4.10

E) Mesh / net

Compressed mesh loops / rings	Yes	<input type="checkbox"/>	4.4
	No	<input type="checkbox"/>	
Torn wires	Yes	<input type="checkbox"/>	4.4
	No	<input type="checkbox"/>	

F) Wire mesh

Torn down / punctured	Yes	<input type="checkbox"/>	4.4.4
	No	<input type="checkbox"/>	

G) Post / base plate

Deformed post	Yes	<input type="checkbox"/>	4.6
	No	<input type="checkbox"/>	

Hinge bolt bent / broken	Yes	<input type="checkbox"/>	4.7
	No	<input type="checkbox"/>	

Deformed base plate	Yes	<input type="checkbox"/>	4.8
	No	<input type="checkbox"/>	

Damaged rod anchor	Yes	<input type="checkbox"/>	4.9
	No	<input type="checkbox"/>	
Rod anchor pulled out of the ground	> 3 cm	<input type="checkbox"/>	4.9

H) Wire rope clips

All wire rope clips have the right torque	Yes	<input type="checkbox"/>	7
	No	<input type="checkbox"/>	7

Remarks / Notes / Sketches:

Name of validator:

Date: Signature: