



STUDY ON SAFE AND
SECURE PARKING
PLACES FOR TRUCKS
MOVE/C1/2017-500



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Research to Progress



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This study is funded by the European Commission. The sole responsibility of this publication lies with the author. The European Union is not responsible for any use that may be made of the information contained therein.

STANDARD FOR SAFE AND SECURE TRUCK PARKING AREAS TECHNICAL SPECIFICATIONS

24.08.2018

1. CRITERIA

	BRONZE LEVEL	SILVER LEVEL	GOLD LEVEL	PLATINUM LEVEL
PERIMETER	<p>B.1. Visual deterrent to recognize the secure parking area</p> <p>B.2. Lighting at 15 Lux</p> <p>B.3. Vegetation trimmed, good visibility</p>	<p>S.1. Physical deterrent to prevent unauthorised access (e.g. ditch, rocks, fence) or continuous video monitoring and recording by trained staff</p> <p>S.2. Lighting at 20 Lux</p>	<p>G.1. > 1.8 m physical barrier (height)</p> <p>G.2. Lighting at 25 Lux</p> <p>G.3. CCTV covering perimeter</p> <p>G.4. Measures to prevent unintentional damage to barriers</p> <p>G.5. Clear zone of 1 meter between barrier and parking area</p>	<p>P.1. Add-on for physical barrier: Deterrents to climb over</p>
PARKING AREA	<p>B.4. Only freight vehicles and authorized vehicles allowed as indicated by signage</p> <p>B.5. Physical or remote surveillance checks / inspection at minimum once in 24 h</p> <p>B.6. Lanes must be lit at 15 Lux</p> <p>B.7. Vegetation trimmed, good visibility</p>	<p>S.3. Physical or remote surveillance checks/inspection at minimum twice in 24 h (one at daytime, one at night)</p> <p>S.4. If pedestrian lanes exist, they must be lit at 15 Lux</p>	<p>G.6. Onsite or remote staff contact can be contacted 24/7</p> <p>G.7. Marked vehicle and pedestrian lanes</p>	<p>P.2. Site manned or video-controlled 24/7</p>

	BRONZE LEVEL	SILVER LEVEL	GOLD LEVEL	PLATINUM LEVEL
ENTRY / EXIT	<p>B.8. Lighting at 25 Lux</p> <p>B.9. CCTV (good image quality)</p>	<p>S.5. Barriers</p> <p>S.6. CCTV (records of entering vehicles)</p>	<p>G.8. Barrier with under-climbing and over-climbing protection</p> <p>G.9. Intrusion prevention/detection, e.g. turnstile for pedestrians</p> <p>G.10. License plate recognition</p>	<p>P.3. Gates must be installed</p> <p>P.4. License plate must match ticket</p> <p>P.5. Real time monitoring of entry/exit, including pedestrian entry/exit</p> <p>P.6. If there is a gatehouse, it must be able to withstand an external attack (door closed)</p>
STAFF PROCEDURES	<p>B.10. Fix unauthorized vehicles that they cannot drive away or removal of unauthorized vehicles if legally permitted</p> <p>B.11. Risk Assessment Plan in place</p>	<p>S.7. Staff trained by an accredited training provider is available 24/7 onsite or in a control centre</p> <p>S.8. Appointment of formally responsible person for staff procedures in case of incidents</p> <p>S.9. Documented staff training once a year in view of incident prevention</p> <p>S.10. Incident and crime reporting to staff and police must be enabled</p>	<p>G.11. All security staff must be certified guards under national/European legislation</p> <p>G.12. The formally responsible person for staff procedures will schedule compliance checks, communication, recertification</p> <p>G.13. A technical user manual must be used</p> <p>G.14. Alarm response procedures</p> <p>G.15. The parking area management system should be prepared for DATEX II data transfer</p> <p>G.16. Business Continuity Plan in place</p>	<p>P.7. Any remote staff also trained/certified</p> <p>P.8. Staff has personal communication system</p> <p>P.9. Security training of site manager</p> <p>P.10 Measures against power failure</p> <p>P.11. Local risk assessment once a year</p> <p>P.12. Pre-booking available. If the pre-booking is offered via an app or similar systems, data transmission must be real time.</p>

2. TECHNICAL SPECIFICATIONS

	BRONZE LEVEL	SILVER LEVEL	GOLD LEVEL	PLATINUM LEVEL
CCTV	<ul style="list-style-type: none"> Minimum continuous recording (5 frames per second) based on motion detection with pre- and post-recording. HD resolution with 720 pixels. Period of transition for existing parking areas until the next audit (with 3fps). CCTV routine check ones a week (record kept 1 week). Functional check. CCTV Digital Recording: data / records kept for a minimum of 30 days. 	<ul style="list-style-type: none"> CCTV Systems Routine check every 72h , reports kept. CCTV SLA in place or proof of own maintenance capabilities. With a suitable qualified personnel (e.g. qualified electrician). 	<ul style="list-style-type: none"> CCTV systems routine check every 48 hours, reports kept. CCTV SLA in place with 1 service visit per year. Qualified specialized organization. The CCTV and access events are synchronized through a common noting software. Security CCTV events reviewed on the parking by web-based clients. In case of a network outage all CCTV and access events are locally stored and uploaded once the connections are re-established to the central registration equipment. CCTV SLA in place or proof of service work. 	<ul style="list-style-type: none"> CCTV Images remotely controlled (24/7) by an external alarm monitoring station unless trained personnel is on site. CCTV SLA in place with 2 service visits per year. The CCTV system provides intrusion as well as overclimbing alarm using analytics and raise alarm by audio of Light signalling on the parking as well as in central monitoring facilities.

BRONZE LEVEL		SILVER LEVEL	GOLD LEVEL
PERIMETER	<p>B.2. Lighting at 15 Lux Average value.</p> <p>B.3. Vegetation trimmed, good visibility Vegetation trimmed, allowing good visibility and deters entry from climbing into the site.</p>	<p>S.1. Physical deterrent to prevent unauthorized access (e.g. ditch, rocks, fence) or continuous video monitoring and recording by security staff. CCTV > true day and night IP cameras.</p> <p>S.1. Physical deterrent to prevent unauthorized access (e.g. ditch, rocks, fence) or continuous video monitoring and recording by security staff. CCTV day / night cameras used to overview 100% of the perimeter.</p> <p>S.1. Physical deterrent to prevent unauthorized access (e.g. ditch, rocks, fence) or continuous video monitoring and recording by security staff. CCTV covering perimeter in full, no blank spots.</p> <p>S.2. Lighting at 20 Lux Average value.</p>	<p>G.2. Lighting at 25 Lux Average value.</p> <p>G.3. CCTV covering perimeter CCTV covering perimeter in full, no blank spots.</p> <p>G.3. CCTV covering perimeter Store CCTV recordings of the perimeter for at least 90 days.</p>

BRONZE LEVEL		PLATINUM LEVEL
PARKING	<p>B.6. Lanes must be lit at 15 Lux (If existing) marked vehicle and pedestrian lanes.</p>	<p>P.2. Site manned or video-controlled 24/7 CCTV covering the parking area in full, no blank spots unless caused by temporary obstacles.</p>

	BRONZE LEVEL	SILVER LEVEL	GOLD LEVEL	PLATINUM LEVEL
ENTRY/EXIT	<p>B.8. Lighting at 25 Lux Average value.</p> <p>B.9. CCTV (good image quality) Clear identification of vehicles , recognizing people. Minimum 704x576 pixels analogous (4 CIF).</p> <p>B.9. CCTV (good image quality) CCTV (true day and night IP Cameras, license plates must be visible in detail).</p>	<p>S.5. Barriers Voice intercom system.</p> <p>S.6. CCTV (records of entering vehicles) CCTV in 720p (true day and night IP cameras, license plates must be visible in detail) must be stored for 90 days.</p> <p>S.5. Barriers Entry/Exit units (ticket, RFID, QR code).</p>	<p>G.9. Intrusion prevention/ detection, e.g. turnstile for pedestrians Concretization: intrusion prevention/ detection, e.g. turnstile full height for pedestrians.</p> <p>G.10. License plate recognition License plate recognition (ANPR), records kept for a minimum of 90 days.</p> <p>G.9. Intrusion prevention/ detection, e.g. turnstile for pedestrians Tripod turnstiles for the services access (e.g. toilets, restaurant, shops).</p> <p>S.5. Barriers Traffic lights.</p>	<p>P.3. Gates must be installed Gates or barrier with over and under climbing protection and bollards.</p> <p>G.8. Barrier with under-climbing / over-climbing protection An airlock gate system must be installed to prevent tail gating.</p>

BRONZE LEVEL		GOLD LEVEL	PLATINUM LEVEL
ENTRY/EXIT	<p>B.11. Risk Assessment Plan in place Staff must have access to a full list of local law enforcement at all times.</p>	<p>G.13. A technical user manual must be used Access Control System Data kept for min 90 days, records available.</p>	<p>P.11. Local risk assessment Once a year. P.11. Local risk assessment Access Control System Data kept for min 90 days, records available. P.11. Local risk assessment AC SLA in place with 2 Service Visits per year. P.10. Measures against power failure Measures against power failure – for 1 hour. P.11. Local risk assessment once a year Local risk assessment once a year and present to an approved auditing organization any format. P.12. Pre-booking available. If the pre-booking is offered via an app or similar systems, data transmission must be real time. Secure pre-booking / payment platform available. If the pre-booking is offered via an app or similar systems, data transmission must be real time.</p>