

Cemaroid



Peak Certification Rules

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Foreword

This document presents the certification rules for Peak marking of low noise equipment used for deliveries in city centers, published by Cemafruid.

Peak aims to certify products and vehicles that meet the noise standard set by Cemafruid and have been tested according to the Peak measurement methods (see the relevant document).

PEAK certified products contribute to reducing noise emissions during loading and unloading operations and thus enable evening/night delivery.

These measurement methods are intended for everyone involved in producing and marketing new equipment and materials used in loading and unloading goods in the retail trade.

The legislation on noise, in the main cities in Europe, relates to emergence, the sound level on the facade. Even though every effort has been made for a Peak certified product, it is possible that the legal noise standards are not met in certain loading/unloading situations. The relation between vehicle sound emission and sound emergence at receiver depends on many factors, falling within the three categories: sound sources, sound transmission/propagation and receiver point. In other words, the sound from the vehicle or the activity, the venue consisting of the surrounding buildings and walls, parks or open lands, etc, and finally the absorption and bending of the propagating sound in the air – the ambient temperature, humidity and air pressure constitute the media of the propagating sound wave.

A measurement test report in accordance with the Peak measurement methods enable participants of Peak to have their component certified.

All products relevant for Peak that are present in the certified vehicle shall be part of a Peak or QuietTRUCK type approval. The products comply in that case with the Peak values measured according to the Peak measurement methods.



Preamble:

To establish the Peak certification scheme, Cemafruid has drawn up two additional documents:

- This document entitled “Peak certification scheme,” which presents the certification procedures, the requirements applicable to products, the procedures for laboratory approval, and the model type conformity certificates and equipment conformity labels.
- A dedicated document, which presents the test protocols to be applied by Peak-approved laboratories to draw up test reports

Certification is based on a type of approval issued for a equipment or a family of equipment which succeed to the Peak test.

Manufactured equipment according to the certified type can be marked with the Peak label after the manufacturer declare the conformity. This declaration is registered by Cemafruid.



Summary

This document describes the certification process that are suitable for certification of a Peak equipment. Peak certification is specifically intended for the certification of products during loading and unloading at retailers or shops. It is not intended for other means like the reduction of normal road-traffic noise.

The methods of measurement used to verify the criteria of Peak mark (describe in the document "Peak measurement methods") provide peak sound levels of single sources under controlled conditions at 7.5 meters from the source.

The Peak certification values can be used to obtain an indication of whether the product in question will meet the required sound emission limits in most practical situations and provide the local authority with a tool for assessing the potential of a Peak certified product or a QuietTRUCK vehicle in relation to the environmental goals. Furthermore, the methods of measurement are used to compare the peak noise emissions of products with each other.

The methods include:

- Driving noise for trucks, noise caused by cabin doors
- Doors, hatches, hinged and roller doors and sliding partition, steps and strip curtains of cargo body and/or load compartments.
- Tail lift, body floors and walls of commercial vehicles
- Shopping trolleys, goods carts, rollies, dollies and hand pallet trucks
- Forklift trucks and mobile forklift trucks
- Transport refrigeration system



Table of contents

1.	Introduction	8
1.1	Objective, background and scope of the certification	8
2.	Committee of the mark	9
2.1	Introduction	9
2.2	composition	9
2.3	Role	9
2.4	Prevention of conflicts of interest	10
3.	Requirements for testing laboratories	10
3.1	Equipment	11
3.2	Procedures	11
3.3	Evaluation of laboratory	11
3.4	Authorization of the laboratory	11
4.	Product certification requirements	11
4.1	Definitions	11
4.2	PEAK mode	12
4.3	Limits per product	13
4.4	Mandatory measurement methods per product	13
4.4.1	QuietTRUCK	13
4.4.2	Tail lift	14
4.4.3	Clamping blocks	14
4.4.4	Pallet truck	15
4.4.5	Roll container	15
4.4.6	Rolly or dolly	15
4.4.7	Forklift truck	15
4.4.8	Mobile forklift truck	15
4.5	Product family, worst-case and representative samples	15
4.5.1	Worst-case	16
4.5.2	Representative vehicle	16
4.5.3	Type-approval certification value	17
4.6	Product conformity	18
4.6.1	Peak certified products except QuietTRUCK	18

4.6.2	Product conformity of QuietTRUCK	18
4.7	Continuing conformity during the product's use phase	19
4.8	Procedure for applying for certification	20
4.8.1	PEAK type-approval certification	20
4.8.2	Sticker registration	20
4.9	Transitional recognition of PeaK certificate	21
5.	Annexes	22
5.1	Type Conformity Certificate	22
5.2	Authorization Certificate.....	22

1. Introduction

This document describes the certification rules applied in the process of certification of low noise production intended to be used for deliveries in cities centers.

Measurement methods determine peak noise levels for single sources under controlled conditions at 7.5 meters from the source. Measurement methods are set up to yield both representative and reproducible results, which approach practical conditions as closely as possible. Furthermore, the methods of measurement are set up in such a way that the noise-reducing measures are clearly expressed in the measurement results.

Technology develops at lightning speed; Peak is no exception to this. This protocol incorporates relevant innovations.

1.1 Objective, background and scope of the certification

Most regulations in major cities on peak noise during loading and unloading apply to the peak noise level at any outside wall of a building nearby the activity in practical conditions.

The stated levels of the Peak certified product can be used to obtain an indication of whether the product in question will meet the legal limit values in most practical situations. It may be, however, that the combination of the Peak certified product and the acoustic environment, the method of operation and the state of maintenance of the product will affect the sound emission level in a real situation. Furthermore, the methods of measurement can be used to compare the peak noise emissions of products with each other.

The methods of measurement are intended to evaluate partial sources in their practical conditions, where there is interaction with other components. To receive reproducible measurements, some measurement methods are not in line with practical conditions. An example of this is the simulation of a roller container in a collision with the wall, whereas the roller container does not make the collision to the wall during the measurement but a steel ball.

The methods are not suitable for determining sound power.

Peak Certification is delivered when a test result obtained according to the peak measurements methods complies with the noise peak limits specified in this document.



2. Committee of the mark

2.1 Introduction

The certification rules, the procedures for recognizing laboratories authorized to perform Peak tests, and the procedures for evaluating these laboratories are established by a mark Committee. This committee also makes possible changes to the scope of certification, for example, to extend its application to other equipment families. It may deal with other issues related to urban logistics and participate in the promotion of the peak mark. This committee is not a certification committee within the meaning of ISO 17065 and is not involved in the evaluation process or in the decision-making process concerning products applying for the mark.

2.2 composition

The PEAK certification rules are administered by a committee of the mark composed of the following 4 colleges with are representatives of the interested parties:

Colleges	Minimum number of members
Representative of manufacturers of refrigerated bodies or refrigerated body accessories	4
Representative of manufacturers of handling equipment, pallet trucks, rolls etc...	2
User Representative	2
Expert Representative	2

The committee is chaired and secretarial by Cemafruid, the body in charge of the PEAK certification system.

Depending on the number of meetings, the committee may agree to appoint alternates for each member to ensure continuity of representation of the colleges.

The appointment of alternates follows the same rules as the permanent members.

2.3 Role

The Committee shall endeavour to adopt the technical developments of the PEAK certification rules by consensus. If this is not possible, the opinions of the members may be obtained in writing. Cemafruid adopts the changes in the light of the comments of the committee participants.



For all other questions (tariffs, evaluation procedures), decisions are taken by a simple majority of the members present. In the event of a tie vote, the president has the casting vote.

In the event of the withdrawal or recusal of a member under the conditions defined in paragraph 4, the voting rules shall be applied to all the valid votes cast.

2.4 Prevention of conflicts of interest

The members of the committee undertake:

1. to take all precautions to prevent the disclosure to third parties, directly or indirectly of its own actions or to the persons for whom it is responsible, of documents or information of which it may become aware in the course of its activities within the Committee without the written authorisation of the parties concerned, whether it is the holder of the label, of its customers or of Cemafruid.
2. inform the committee of any relationship it may have (or have had) with companies applying for the label or holders of the label and which could raise doubts about its independence of judgment in dealing with the questions asked,
3. behave in a manner that does not harm the reputation or interests of the candidates and the holders of the label regardless of the resolutions adopted by the committee,
4. not to argue that participation in the committee is for activities other than those for which certification is granted.

The grounds for the recusal of a committee member are as follows:

- If he/she or his/her spouse or a family member has a personal interest in one decision being taken by the committee rather than another.
- If the company to which he belongs or which he directly or indirectly represents has a commercial interest in one decision being taken rather than another by the committee.
- If there is a relationship of subordination between the committee member, his or her spouse or a member of his or her family and the company concerned by the certification decisions.

The foregoing grounds for recusal also apply to any partners, hierarchical superiors of the members of the committee.

The member of the committee undertakes to these provisions by signing a commitment of confidentiality and impartiality.

3. Requirements for testing laboratories



3.1 Equipment

The laboratory applying to perform Peak tests must have all the measuring equipment specified in the document “Peak measurement methods.” This equipment must be calibrated periodically by an ISO 17025 accredited laboratory. The laboratory must have a test track or formalize the requirements when these tests are carried out in other locations (at manufacturers' premises, on facilities dedicated to other activities, etc.). Verification of the eligibility criteria for test tracks must be documented.

3.2 Procedures

The testing laboratory must have a quality management system established in accordance with ISO 17025 and demonstrate testing activity either in the field of acoustics or in the field of the equipment being tested. Accreditation in accordance with ISO 17025 for a scope relating to the above-mentioned elements establishes a presumption of conformity for performing tests in accordance with standardized methods.

3.3 Evaluation of laboratory

To be authorized, the laboratory must send Cemafruid:

- a list of its equipment dedicated to Peak testing, along with the latest calibration certificates
- a copy of its testing procedure
- a list of persons qualified to perform the tests, along with the qualification criteria

On this basis, Cemafruid may grant authorization to recognize Peak test reports.

Cemafruid schedules an on-site audit once every three years to verify that the laboratory complies with the provisions of the test standard. The cost of this audit is borne by the testing laboratories.

3.4 Authorization of the laboratory

Cemafruid maintains a list of laboratories authorized to perform Peak tests.

4. Product certification requirements

4.1 Definitions

n_{rated} : The rated engine speed means the declared engine speed in min^{-1} (RPM) at which the engine develops its rated maximum net power pursuant to UN/ECE Regulation No 85 or, where the rated maximum net power is reached at several engine speeds, the highest one of those speeds is taken.

n_{max} : The highest engine speed can be achieved without engine load.

$n_{\text{max reduced}}$: The maximum idling speed if a reduced “PEAK mode” in engine management has been activated.

P_n : Rated maximum net power, the engine power available for propulsion expressed in kW and measured by the method pursuant to UN/ECE Regulation No 85 and stated in the Vehicle Type



Approval.

m_{test} : The total mass of the vehicle that is being tested is the actual weight during the measurement including the driver, measurement equipment, in case the added mass needed in accordance with paragraph 4.1 etc.

“PEAK mode”: A deliberately changed operating condition in a product with the goal of temporarily reducing sound production.

Vehicle: a motor vehicle with or without a (semi) trailer or a (semi) trailer

Truck: a motor vehicle designed and constructed primarily for the carriage of goods of categories N2 or N3 as defined in the EU Regulation 2018/858

N2: motor vehicles with a maximum mass exceeding 3,5 tons but not exceeding 12 tons

N3: motor vehicles with a maximum mass exceeding 12 tons

Trailer: means any non-self-propelled vehicle on wheels designed and constructed to be towed by a motor vehicle.

Semi-trailer: a towed vehicle in which the axle, or axles are positioned behind the center of gravity of the vehicle.

Target object: the object being tested, either a product as specified in chapters 5 to 10 or a vehicle (including added mass) and test equipment. In case the product is mounted to a vehicle, the vehicle is part of the target object. In case the product is part of a vehicle cargo body the vehicle cargo body shall be complete/ready built for the purpose of the test.

Participant: company affiliated with Cemafruid.

LpA, max: maximum measured A-weighted Sound Pressure Level with integration Time set to “FAST”.

4.2 PEAK mode

For various products/machines present on a vehicle, the speed of functioning may affect the sound level produced by the part. Examples of this are the revolution of the (electric) motor of a refrigeration or a truck’s engine. If the part has two speeds and the product/machine is tested at the low-speed setting, this is called “PEAK ou PIEK mode”.

If a product or machine has a “PEAK mode or a Piek mode or an equivalent option” it should activate automatically and should not function dependent on the actions of the driver. “PEAK mode” shall ensure that the part/machine meets the Peak sound requirements within 300 meters from the loading/unloading location.

The basic principle of a “PEAK mode” is that it is driver-independent and that, outside of the PEAK-specified time frames and outside of the so-called PEAK locations, the machine can be set to maximum power (for example software) with technical tools. In other words, “PEAK mode” is the default operating setting of the machine.

In case of a defect in the technical tool or other faults relating to the functioning of “PEAK mode”, the part/machine shall operate in “PEAK mode”. The functioning of “PEAK mode” shall be guaranteed. The functioning of “PEAK mode” shall also be demonstrated and described in the report.

The above-mentioned demands do not apply to Driveline and Acoustic Safety systems sound of trucks (in accordance with Chapter 4). The “PEAK mode” for QuietTRUCK may be operated manually and does not need to be independent driver. Vehicles which require driver intervention to switch on the “PEAK mode” should switch this function on as soon as they enter a zone of 300 meters surrounding the loading/unloading location.

In the case the “PEAK mode” is automatically activated – geofencing/time of the day – it is



allowed to activate the “PEAK mode” by software during the tests if necessary.

4.3 Limits per product

The sound level of the product being certified may, in accordance with the protocol described below, never exceed the following limit values:

	Limit (dB(A))*
QuietTRUCK – driveline	72
QuietTRUCK – (cabin) doors and compressed air noise	67*
QuietTRUCK - Reversing alarm system and blind spot warning system	62
Other products	62

* For compressed air noise, opening and closing of (cabin) doors which are part of the vehicle body which contains the driver compartment, the limit is 67 dB(A). For doors of loading areas built by a body builder the limit is 62 dB(A).

4.4 Mandatory measurement methods per product

Document “Peak measurement methods” describes the measurement methods for the various products. One or more measurement methods may need to be executed during the certification process depending on the type of product.

Multiple measurement methods shall be executed in accordance with the list below for the following products. All measurements shall meet the limit values in paragraph 2.1, unless explicitly stated otherwise. The final result per product is the highest value of the methods of measurement listed.

It is possible that some products used during loading and unloading are not covered by the measurement methods in this document. It is also possible that product can be operated in an extra way than covered by the measurement methods in this document. If one of these situations is the case, please contact Cemafruid.

4.4.1 QuietTRUCK

The following measures shall be carried out when certifying a QuietTRUCK:

- The following values shall be measured and reported, and they shall meet the limit values included in paragraph 2.1 (normative), with the following remarks:
 - Paragraph 4.2 Acceleration
 - In case a UN/ECE Regulation No 138 device is installed, it is considered part of the driveline sound.
 - In case the UN/ECE Regulation No 138 reverse test result is higher than the UN Regulation No. 138 20 km/h forward motion test result, the



UN/ECE Regulation No 138 reverse test result shall be reported.

This value can be taken from the UN/ECE Regulation No 138 certificate after it has been converted from the 2 meter recording position in accordance with the UN/ECE Regulation No R138 to the sound pressure level corresponding to 7,5 meter distance between microphone and sound source, according to the Peak test methods. The calculated sound pressure level is achieved by reducing the 2 m value by 9 dB(A), as described by formula: $L_{pA, \max, 7.5m \text{ calculated Reverse}} = L_{pA, \max, 2m \text{ UN R138}} - 9 \text{ dB}$.

- Paragraph 4.3 Compressed air noise

In case the compressed air noise measured in accordance with the UN/ECE Regulation No. R51.03 Annex 5 complies with the requirements in paragraph 2.1. in this document these values can be used to prove compliance with the QuietTRUCK limits. The relevant information from the UN/ECE Regulation No R51-03 homologation test must be shared. In this case, no additional measurements are required.

- Paragraph 4.4: Reversing alarm system and/or blind spot warning system

The UN/ECE Regulation No 165 homologation test result can also be used to prove compliance with the Peak limits as specified in paragraph 2.1. The relevant information from the UN/ECE Regulation No 165 homologation test is to be shared. In that case, no additional measures are required.

- Paragraph 5.2 Cabin doors (informative until limits become applicable according to the transitional provisions (see paragraph 2.7)

- The following values shall be measured and reported but they do not need to meet the limit values included in paragraph 2.1 (informative)

- Paragraph 4.5 pass by noise (measured in conformity with UN/ECE Regulation No 51.03 Annex 3)

If “PEAK-mode” is applied, then the pass-by noise for the vehicle in motion is measured in accordance with the procedures described in UN/ECE Regulation No 51.03 Annex 3 [3] and reported. Otherwise report the value in accordance with the UN/ECE Regulation No R51.03 certificate.

4.4.2 Tail lift

To certify a tail lift, it shall pass the following measurements:

- 6.2.1 Opening and closing
- 6.2.2 Roll-off stop
- 6.3.1 Rolling over the tail lift
- 6.3.3 Rolling over transitions

4.4.3 Clamping blocks



When the clamping blocks can be placed in the fastening rail and can be changed to the high in the fastening rails then it shall pass the following measurements:

- 6.5.2 Clamping blocks placing
- 6.5.3 Clamping blocks moving in high

4.4.4 Pallet truck

To certify a pallet truck, it shall pass the following measurements:

- 7.1 Rolling noise
- 7.3 Lowering and raising

4.4.5 Roll container

To certify a roll container, it shall pass the following measurements:

- 8.1.1 Loaded
- 8.1.2 Rolling nested roll containers or
- 8.1.3 Rolling empty roll containers that cannot be nested
- 8.2 Colliding/nesting roll containers
- 8.3 Placing and removing additional loading shelves

4.4.6 Rolly or dolly

To certify a roly or dolly, it shall pass the following measurements:

- 8.1.1 Loaded
- 8.1.4 Rolling stacked rollies and dollies
- 8.4 Stacking rollies and dollies

4.4.7 Forklift truck

To certify a forklift truck, it shall pass the following measurements:

- 9.1 Driving
- 9.2 Evaluation of lifting

4.4.8 Mobile forklift truck

To certify a mobile forklift truck, it shall pass the following measurements:

- 9.1 Driving
- 9.2 Evaluation of lifting
- 9.3 Evaluation of connecting mobile forklift truck

4.5 Product family, worst-case and representative samples

In principle, Peak type-approval certificates are issued for a single product or for a series of identical products. To certify a series of identical products, peak sound measurements shall be carried out on a (random) sample(s) from that series. In case the measurement method requires multiple products, for example roll containers and dollies, these multiple products shall be selected randomly.

To apply a type-approval certificate of a product family of acoustically equivalent



products a measurement must be executed with the worst-case specification of the products within the Product family or in case of a QuietTRUCK type-approval certificate with a representative vehicle. We recommend the participant contact Cemafroid in advance for advice about the worst-case product or representative vehicle. Peak sound measurements carried out for a product which is not the theoretical worst-case or representative vehicle within a product family will result in the allocation of a de facto upper limit for the products or vehicles for this product family. This means that other products are assumed to be noisier, following an analysis of the criteria featured in the table will not be considered as part of the product family of concern.

4.5.1 Worst-case

On request from the participant permission will be granted for the use of product families of acoustically equivalent products. The most important noise sources (like the motor or platform) are identical within a family. The parts or characteristics which are less important to noise production may differ within a family. However, peak sound measurements shall be carried out under “Worst-case scenario” conditions for the Product family in question. In other words, the product within a family of products which is expected to produce the most noise shall be tested.

The participant is responsible that all products in the family covered by the worst case are compliant with the corresponding measurement methods update 2024 and the Peak type-approval certification value.

4.5.2 Representative vehicle

When a Peak participant requests a type-approval certificate for a Product family of acoustically equivalent products for a QuietTRUCK, a representative vehicle is used for the measurement.

The representative vehicle is chosen by the participant according to the list below and shall follow the directions outlined in the UN/ECE Regulation No 51.03. See also Annex B of this document. The participant is responsible that all vehicles in the family covered by the representative vehicle comply with the measurement methods and the QuietTRUCK type-approval certification values (driveline and the value for the non-driveline noise topics). In some cases, permission will be granted to demonstrate representative vehicle specification using the measurement results obtained during the vehicle type-approval (see paragraph 2.2.1).

Vehicle component	Representative vehicle for QuietTRUCK type-approval certification
Engine	Shall follow the type of definition in the UN/ECE Regulation 51.03. The engine from a family has to be chosen with the highest power



	output.
Engine compartment	The shape or materials of the engine compartment and its sound proofing shall be considered in line with the UN/ECE Regulation 51-03.
Exhaust	The position of the opening (left, right, low, high) and the order of pipes and dampers is relevant. The configuration that resulted in the highest Lurban in accordance with the UN/ECE Regulation No 51.03 or as noted in the type-approval certificate or by (pre-)testing according to the applicable test methods in this document must be considered. The participant is allowed to do pre-testing.

(Side) skirts, covers, underrun protection*	Shall be as small and as bare as possible, with minimal acoustic absorption and/or shielding.
Vehicle body*	Shall be as small and as bare as possible, with minimal acoustic absorption and/or shielding.

(*) A vehicle which has been fitted with separate (side) cover or separate body etc. will be deemed to be representative of the whole vehicle family. It will be assumed that all vehicles within this family have been equipped with the same side cover or body etc., or with a side cover or body which offers the same acoustic reduction.

4.5.3 Type-approval certification value

Products where the measurement result does not exceed the limits stated in paragraph 2.1 'Limits per product' may qualify for a Peak or QuietTRUCK type-approval certificate.

The participant can request Cemafruid to use a higher value for certification than the measurement result in the test report approved by Cemafruid. The requested higher certification value can never exceed the limits stated in 2.1 'Limits per product'.

The requested and approved higher certification value will be used on the Peak type-approval certificate, the website, and will apply as a reference for the spot checks and Conformity Of Production (COP).



4.6 Product conformity

PEAK type-approval certificates are issued for a series of identical products or for a family of acoustically comparable products. The sound requirements are applicable to both the representative sample(s) used during testing and to the other products in that series which are produced by the participant.

4.6.1 Peak certified products except QuietTRUCK

Cemafruid may execute spot checks to help verify this product's conformity.

Failing a noise value spot check by more than 1 dB(A) may result in a second and third spot check being carried out. Cemafruid retains the right to withdraw PEAK certification until a participant can prove that their products are in conformity with PEAK demands if more than one noise value spot check is failed by more than 1 dB(A).

4.6.2 Product conformity of QuietTRUCK

The Product family and product conformity of QuietTRUCK is being monitored through Conformity Of Production (COP). The conformity of production procedures applicable to the QuietTRUCK label shall comply with the requirements in paragraph 2.4.2 and subparagraphs. For the different roles in the COP see annex B of this document.

4.6.2.1 Verification of COP process

The authority, which has granted QuietTRUCK type-approval, may at any time verifies the conformity control methods applied in each production facility. The normal frequency of these verifications shall be one every two years.

4.6.2.2 COP selection scheme

Appropriate flexibility towards Conformity Of Production (COP) should be based on the number of produced QuietTRUCK certified vehicles per year, counting from date of issue of the QuietTRUCK type-approval certificate.

Quantitative annual limits		Minimum COP-frequency
Exceeding	Up to	
0	10	On request of Cemafruid (after 30 produced vehicles)
10	35	1 per 3 years
35	50	1 per 2 years
50		2 per 2 years

In case of a temporary halt or termination of production, Cemafruid shall waive the



COP obligation, at the request of the participant, for the period when no vehicles according to the QuietTRUCK type-approval certificate are produced.

4.6.2.3 Specification of the vehicle for COP test

The truck, approved for QuietTRUCK, and subject for COP-test shall in general be randomly chosen from production line.

Cemafruid (or a technical service on behalf of Cemafruid) may request a certain specification for the next COP test. The participant performs the COP test on the vehicle with the requested specification when such a vehicle is available. If the requested specification is not produced six months before the deadline according to paragraph 2.4.2.2 a random QuietTRUCK (which may or may not meet the requested specification) shall be tested instead.

4.6.2.4 Measuring conditions and methods

The test site and measuring instruments shall be those as described in paragraphs 3.1 and 3.2. The test vehicle shall be subjected to the tests set out in paragraphs 4.2, 4.3, 4.4 and 5.2. Aspects which are in the monitoring phase, such as door closing sound, are exempted from COP.

4.6.2.5 Fulfilling COP

The vehicle type shall be considered to conform to the requirements of QuietTRUCK in this document if the sound level value for driveline and the value for the non-driveline noise topics of the vehicle tested during COP test does not exceed the type-approval certification values by more than 1 dB(A). The vehicle type shall be considered to conform to the requirements of QuietTRUCK in this document.

If one of the test results does not fulfil the COP, two more vehicles of the same type (as defined in 2.3) shall be tested. If the test results for the second and third vehicle fulfil the COP requirements, the vehicle follows regard to the COP requirements of paragraph 2.4.2. If one of the test results of the second or third vehicle does not fulfil the COP requirements in paragraph 2.4.2.5. The vehicle type shall be considered not to conform to the requirements of QuietTRUCK and the participant shall take the necessary measures to re-establish the conformity.

4.6.2.6 Retains to withdraw

Cemafruid retains the right to withdraw PEAK type-approval certification until a participant can prove that their products are in conformity with PEAK requirements.

4.7 Continuing conformity during the product's use phase

During the design and production phase, the participants will do everything within their power to ensure that the product's noise emissions, during normal usage, will in the long run continue to meet the requirements in this PEAK protocol. This includes, but is not limited to, preventing corrosion, the sustainable mounting of



noise reducing measures, and the prevention of wear and tear.

4.8 Procedure for applying for certification

In the document 'Set-up and working method' of Cemafruid the process for applying for a type-approval certificate and the sticker registration is described. The paragraphs below provide a brief summary of this document. See also annex B Definitions of tasks and roles for some explanation.

4.8.1 PEAK type-approval certification

When applying for a Peak or QuietTRUCK type-approval certificate, the participant shall send also a test report to schting Peak. This test report shall fulfill the requirements described in this document. For receiving the type-approval certificate and the right to apply PEAK stickers to their product, the participant will be asked to sign a declaration.

4.8.2 Sticker registration

In the database of Cemafruid every individual vehicle shall be registered.

- With every individual sticker request in the database of Cemafruid, the participant shall refer to the initial Product family report, family definition approval and type-approval certificate which they believe is applicable to the individual vehicle in question.
- By referring to a particular report, the family definition of approval and type-approval certificate, and the participant declares that the product in question meets the characteristics included in that report.
- The participant states – by means of selecting the disclaimer for the product in question – that the product being entered into the database of Cemafruid as part of the administrative process for allocating a sticker also meets the characteristics in that report, family definition approval and type-approval certificate to the maximum extent possible. The participant accepts all possible (financial) consequences and indemnifies the Cemafruid for all liabilities resulting from any party if it becomes apparent that this is not the case.
- Cemafruid should be provided with the opportunity to carry out spot checks on Peak approved products except for QuietTRUCK. QuietTRUCK is monitored through COP testing according to 2.4.2.5. The participant accepts the risk that failing this type of test may result in a fine or in other appropriate measures such as a warning, a temporary suspension of the certification's validity for a Product family or the permanent withdrawal of certification.



4.9 Transitional recognition of Peak certificate

As from 1 May 2024, Cemafruid will not issue Peak type-approval certificates if the sound measurements, test report and additional documents do not meet the demands in the test protocol entitled “Measurement methods for PEAK noise during loading and unloading (2024 update)”.

From the moment of publication of the ‘Measurement methods for PEAK noise during loading and unloading (2024 update)’ Peak and QuietTRUCK type-approval certificates based on the update 2024 can be requested.

For QuietTRUCK the next Transitional provisions are valid:

		2024-01-01 until 2027-04-30	2027-05-01 until 2029-04-30	From 2029- 05-01
Driveline Noise	New Types and/or Renewal of Certificate	72		
	New registrations (based on type-approval)	72		
Air Release noise	New Types and/or Renewal of Certificate	72	67	
	New registrations (based on type-approval)	72		67
Door closing	New Types and/or Renewal of Certificate	-*	67	
	New registrations (based on type-approval)	-		67
Reversing alarm system	New Types and/or Renewal of Certificate	Method A or B: 62	Method B: 62	
	New registrations (based on type-approval)	Method A or B: 62		Method B: 62

*Test results shall be reported, but do not need to meet the limit values included in paragraph



5. Annexes

5.1 Type Conformity Certificate



The image shows a template for a Peak Type Conformity Certificate. It is divided into two main sections: a grey header area on the left and a blue content area on the right. The grey header contains the Peak logo, the text 'CERTIFICAT CERTIFICATE', and the 'cemafrroid GROUPE TECNEA' logo. The blue content area contains several fields for text entry, each with a French and an English label.

Peak
CERTIFICAT
CERTIFICATE

cemafrroid
GROUPE TECNEA

Date de délivrance du certificat : / Date of issue certificate:

Ce certificat d'homologation de type Peak a été délivré à : /
This certificate for a Peak type approval has been awarded to:

Marque et type : / Make and type:

Type de composant : / Type of component:

Rapport de test : / Test report :

Résultat de mesure : / Measurement result:

Numéro du certificat d'homologation : / Type approval certificate
number:

Ce certificat est valable jusqu'au : / This certificate is valid until:

5.2 Authorization Certificate

