

IAF / TECHNICAL ASSURANCE WORKBOOK

Vehicle Testing Assessment and Labelling System

Assessment checklist

SOURCE-REFERENCED / INTERACTIVE PDF

First Edition | Development Proposal
Technical review and pilot use; source adoption remains pending.

ORGANIZATION / CLIENT

ASSESSMENT REFERENCE

ASSESSMENT DATE / PERIOD

LEAD ASSESSOR / TEAM

SITE / LOCATION

ASSESSED OBJECT / SYSTEM / CONFIGURATION

ASSESSMENT PURPOSE AND CLAIMED SCOPE

449

check records

46

mapped sections

50

source pages

Scope, applicability & evidence rules

VEHICLE GENERATION, CATEGORY AND ASSESSED FAMILY

PRODUCTION CONFIGURATION, POWERTRAIN AND SAFETY PACKAGE

HARDWARE, SOFTWARE, CALIBRATION AND ENABLED FUNCTIONS

SAMPLES, CUSTODY IDS AND SELECTION BASIS

CONTROLLED PROTOCOL PACK AND TEST-ENVELOPE REVISION

CRITERION SCHEDULE, APPLICABILITY AND SCORE-OWNER REGISTER

APPLICABILITY REGISTER / EXCLUSIONS / APPROVING REVIEWER

STANDARD-SPECIFIC ASSESSMENT RULE

Use the source point schedule, applicability denominators, gates and class caps together. This checklist does not calculate an A-F class or authorize a label. The source initial-production model uses configuration and event-triggered controls, with no calendar expiry.

HOW TO COMPLETE EACH CHECK

Pass	All applicable source conditions are met by identified evidence.
Fail	An applicable requirement or required protective gate is not met.
Not demonstrated	Evidence is absent, incomplete, invalid or inconclusive; this is not a pass.
Not applicable	The trigger is absent and the rationale and reviewer are recorded.

Source schedules, methods and record templates are assessed for correct application. For adverse conditions, verify prevention or effective closure. Do not treat illustrative values as mandatory limits. No result is preselected and no overall result is calculated.

Requirement map

Checklist identifiers are workbook record numbers. Source clause numbers, native requirement IDs and PDF page references are preserved separately. Several records may address one source clause.

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Requirement map - continued

Checklist identifiers are workbook record numbers. Source clause numbers, native requirement IDs and PDF page references are preserved separately. Several records may address one source clause.

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34 Automated driving and remote operation	10	62
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Source control & use of the workbook

CONTROLLED SOURCE

IAF_AUTOSAFE_First_Edition_Corporate(20260915-194022).pdf

First Edition | Development Proposal

Source length: 50 pages. Checklist revision: 1.0, dated 15 September 2026.

SOURCE SHA-256

a749319d1e5fa35daeb257eadf5b07151187b25c596eae05a1e3e50a0a8868ea

INTERPRETATION AND COVERAGE

This workbook reproduces source requirement text and source schedule entries as assessment criteria. Long clauses and schedules may have several separately numbered check records. A clause is not complete until every applicable record and required source condition has been dispositioned.

Read each record with its complete source clause, definitions, referenced methods, numerical rules and applicability conditions. The source document controls if an extraction, layout or interpretation issue is found. Record the discrepancy and resolve it before a positive conclusion.

Normative annexes in the source are included where applicable. Informative annexes are reading aids and do not independently create conformity obligations. Context-only main clauses and definitions without assessment duties are read with the requirements.

Assign responsibility for each applicable record in the controlled applicability register. Duties addressed to IAF or an assessment body must be reviewed against that role. They are not automatically duties of a manufacturer, operator or other applicant.

Record document/test IDs, revision, sample/configuration, measured result and limit where relevant. Explain every Fail, Not demonstrated and Not applicable result. Add a finding ID for any required action.

Text areas are sized for concise entries and limit input to reduce hidden content. Use the continuation sheet or an identified external evidence record for longer notes. Save a local copy, reopen it and check entered values before issuing the completed workbook.

Every Fail or unresolved critical gate requires the relevant scope to remain blocked. An observation is not a substitute for a failed requirement. A positive pilot conclusion is not certification, a product authorization or permission to use an IAF mark.

INFORMATIVE READING SUPPORT

Annex D

Requirements & evidence

1 | Scope and assessment object

CHECK 0001 | 1.1

Source p. 5

Scope and assessment object

This system shall evaluate complete road vehicles through controlled physical tests, permitted simulation, technical evidence review and examination of production representativeness. It shall assign a qualifying A to E class only where the applicable assessment programme is complete and its evidence is valid. A valid adverse F finding shall be reported under Clause 12.5.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0002 | 1.2

Source p. 5-6

Scope and assessment object

The initial technical profile shall cover passenger cars in category M1. A light commercial vehicle profile for N1 shall use the same administrative system but shall not enter service until its loading, seating, cargo, crash and comparison rules are separately validated and released. Other vehicle categories require their own published profile. A common brand name does not justify applying passenger-car thresholds to buses, heavy trucks or motorcycles.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0003 | 1.3

Source p. 6

Scope and assessment object

The rated object shall be a named vehicle generation and a controlled set of configurations. Coverage shall identify body structure, drive side, seats, powertrain, energy storage, mass range, restraint systems, relevant hardware, software and sales market. A manufacturer, brand, factory, platform or supplier shall not receive a whole-vehicle A to F class merely because one vehicle is rated.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0004 | 1.4

Source p. 6

Scope and assessment object

Component and service test reports may support a vehicle assessment. A battery, airbag controller, ADAS calibration service or test laboratory shall not display a whole-vehicle AUTOSAFE class as its own product rating. A separate component or service scheme requires its own rules and mark.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0005 | 1.5

Source p. 6

Scope and assessment object

Evaluation shall address occupants, other road users and rescuers. Increased protection for the evaluated vehicle shall not justify unacceptable harm to an impact partner, pedestrian or cyclist.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0006 | 1.6

Source p. 6

Scope and assessment object

Applicable legal requirements remain separate. AUTOSAFE shall not be presented as permission to place a vehicle on a market, a replacement for type approval or an endorsement by a regulator. Legal compliance evidence is an eligibility input, not a substitute for performance testing.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

2 | Governing documents and interpretation

CHECK 0007 | 2.1

Source p. 6

Governing documents and interpretation

Every assessment shall use a controlled assessment specification containing this system edition, the vehicle-category profile, the dated protocol revisions, technical bulletins, measurement decision rules and label rules. References shall be fixed before testing. A general instruction to use whatever edition is latest shall not replace an identified technical basis.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0008 | 2.2

Source p. 6

Governing documents and interpretation

Applicable law takes precedence. Within AUTOSAFE, the adopted system governs administrative decisions; a category profile defines vehicle-specific application; the released test protocol defines the measurement and acceptance rule. A conflict shall be resolved in a published interpretation before the affected result is decided.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0009 | 2.3

Source p. 6

Governing documents and interpretation

Candidate reference families include UN vehicle regulations relevant to the market and vehicle category, ISO 26262 for functional safety, ISO 21448 for intended-function safety, ISO/SAE 21434 for cybersecurity engineering, ISO 17840 for rescue information and ISO/IEC 17025 for laboratory competence. The controlled reference register shall identify the exact edition, applicable part, purpose and lawful access route before a compliance claim is made.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0010 | 2.4

Source p. 6

Governing documents and interpretation

A referenced quality or process standard shall not itself prove crash performance. Nor shall one process certificate demonstrate competence for every test method. Claims about accreditation shall identify the accreditation body, laboratory and relevant scope.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0011 | 2.5

Source p. 6

Governing documents and interpretation

Engineering publications and laboratory methods used as supporting evidence shall retain their provenance and any applicable intellectual-property restrictions. IAF shall secure necessary use permissions. AUTOSAFE class decisions shall be determined exclusively by the released AUTOSAFE requirements and shall not be inferred from an external certificate or summary result.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0012 | 2.6

Source p. 6

Governing documents and interpretation

An ambiguity affecting a score or class shall be recorded as a technical query. The applicant and laboratory shall not resolve it privately through a more favourable interpretation. IAF shall issue a reasoned interpretation applicable to all materially similar cases and record any effect on earlier results.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0013 | 2.7

Source p. 6-7

Governing documents and interpretation

The system document shall be identified as IAF AUTOSAFE First Edition. Supporting protocols shall use that identity followed by a descriptive subject title, their controlled revision and release date. Clause numbers, criterion identifiers and individual test-record identifiers provide traceability; they are not additional standard numbers.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

3 | Definitions and record statuses

CHECK 0014 | 3.1

Source p. 8

Definitions and record statuses

A to F shall describe assessed performance. "Unrated", "under assessment", "suspended" and "withdrawn" shall describe record or authorization status. They shall not be silently converted into a low performance class.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0015 | 3.2

Source p. 8

Definitions and record statuses

"Certificate remains a historical record" does not mean that an individual used vehicle is free from damage, deterioration, non-equivalent repair or an unresolved safety defect. The public record shall distinguish original assessed capability from current individual condition.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

4 | Initial production issue model

CHECK 0016 | 4.1

Source p. 8

Initial production issue model

An applicant shall submit a released production baseline and representative samples. The system shall assess that baseline once through the defined initial programme. After valid tests, independent review and a recorded decision, IAF may issue the certificate and authorize the corresponding label.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0017 | 4.2

Source p. 8

Initial production issue model

A prototype may be used for engineering development. A prototype result shall not be issued as an unrestricted production rating. If a production-intent sample is tested, IAF shall close every production- representativeness difference before issue through evidence, inspection or additional testing proportionate to its effect.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0018 | 4.3

Source p. 8

Initial production issue model

The certificate shall state the issue date, protocol edition and first covered production boundary. It shall not contain an automatic expiration field or a scheduled renewal requirement. The absence of an expiration field shall not be marketed as permanent protection of every future version.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0019 | 4.4

Source p. 8

Initial production issue model

A manufacturer may apply the label to subsequent production units only where each unit maps to the covered configuration record. The system shall not require every unit to undergo the destructive test sequence. The manufacturer remains responsible for truthful configuration matching and manufacturing conformity.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0020 | 4.5

Source p. 8

Initial production issue model

The system shall impose no scheduled recertification, fixed-cycle reassessment or routine surveillance audit as a condition of the original result. It shall retain event-triggered investigation, correction and targeted testing when a change, mismatch, defect, credible complaint or invalid result is identified.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0021 | 4.6

Source p. 8

Initial production issue model

A new model-year designation alone shall not trigger testing. Conversely, unchanged marketing names shall not conceal changed structures, restraints, battery packs or control software. Safety identity, not the marketing calendar, shall determine coverage.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0022 | 4.7

Source p. 8

Initial production issue model

An updated IAF protocol shall not retrospectively erase an accurately reported earlier test result. A new initial assessment shall use the released basis applicable to that programme. Earlier labels shall retain their edition. Cross-edition comparisons require a published comparison method.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0023 | 4.8

Source p. 8

Initial production issue model

Production ending, unused stock, a later registration date or resale shall not create an artificial expiry. A successor vehicle shall receive its own baseline and decision. Evidence from a predecessor may be reused only through a documented applicability review.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

5 | Responsibilities and independent decisions

CHECK 0024 | 5.1

Source p. 8

Responsibilities and independent decisions

The applicant shall identify the legal entity responsible for the vehicle, provide complete technical information, disclose all covered variants, authorize access to test evidence, identify known relevant defects and accept publication rules before the programme starts.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0025 | 5.2

Source p. 9

Responsibilities and independent decisions

The laboratory shall control the sample, preparation, instrumentation, test execution and original data. Manufacturer representatives may observe and identify factual preparation concerns. They shall not change settings, select favourable measurements or veto a valid result.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0026 | 5.3

Source p. 9

Responsibilities and independent decisions

The technical reviewer shall verify scope, evidence validity, applicability decisions, scoring and gates. The reviewer shall not approve work where a conflict of interest compromises independence.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0027 | 5.4

Source p. 9

Responsibilities and independent decisions

A separate decision authority shall approve the public class and its coverage. No person shall approve their own test execution as the sole basis of the final rating. Decisions for A and B shall include independent review of crash biomechanics, energy hazards and the claimed extended assessment envelope.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0028 | 5.5

Source p. 9

Responsibilities and independent decisions

The scheme owner shall maintain controlled rules, competent reviewer appointments, interpretation records, the verification register and a complaints route. Commercial membership, sponsorship, purchase of other IAF services or payment of a higher fee shall not improve a class or exempt a critical requirement.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0029 | 5.6

Source p. 9

Responsibilities and independent decisions

Charges shall relate to defined work. A refusal to pay for unrelated services shall not change an established technical result. A sponsor shall not suppress a complete valid low result through withdrawal after testing. Incomplete programmes shall be published only with their incompleteness clearly identified under agreed disclosure rules.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0030 | 5.7

Source p. 9

Responsibilities and independent decisions

The public shall receive the class, scope, edition, limitations, gate findings and current record status without having to purchase the technical standard. Detailed commercially sensitive design information may remain restricted, but secrecy shall not conceal an adverse finding necessary to interpret the label.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

6 | Vehicle identity and family coverage

CHECK 0031 | 6.1

Source p. 9

Vehicle identity and family coverage

The baseline shall record make, model, generation identifier, platform revision, body style, drive side, market, seats, intended use, production site, released bill of materials and production-release authority. A name shared with another vehicle is insufficient identity.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0032 | 6.2

Source p. 9

Vehicle identity and family coverage

Safety-sensitive details shall include structure and joints, crash load paths, restraint and airbag versions, seats and anchorages, glazing and latches, steering and brakes, wheels and tyres, laden and unladen mass envelopes, centre-of-gravity assumptions, energy system, sensors and safety-related software and calibration identifiers.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0033 | 6.3

Source p. 9

Vehicle identity and family coverage

The manufacturer shall provide the population of proposed variants and a hazard-based worst-case rationale. The heaviest vehicle shall not automatically be the worst case for every test. Differences in stiffness, ride height, loading, restraint tuning and geometry shall be examined separately.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0034 | 6.4

Source p. 9

Vehicle identity and family coverage

A family may contain variants with different individual domain results. The common family label shall use the least favourable supported domain result and applicable gate across all covered variants. Combining best results from different variants to create an unrepresentative common label is prohibited.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0035 | 6.5

Source p. 9

Vehicle identity and family coverage

Variants deserving different classes shall receive separate coverage entries and unambiguous labels. A high-grade optional package shall not confer its grade on the base vehicle. Sales-volume percentages shall not excuse labelling an unequipped minority as if it carried the tested package.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0036 | 6.6

Source p. 9

Vehicle identity and family coverage

Right-hand and left-hand drive, different seating rows, body derivatives, battery capacities and country- specific restraint or ADAS configurations require evidence of coverage. Geometry, software and occupant differences shall be evaluated, not presumed equivalent.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0037 | 6.7

Source p. 10

Vehicle identity and family coverage

The production boundary shall use an unambiguous VIN rule, build code, sequence boundary or controlled configuration identifier. Where a public VIN service would expose personal data, it may return the relevant configuration and rating without publishing owner identity or individual travel data.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

7 | Applicability and exclusions

CHECK 0038 | 7.1

Source p. 10

Applicability and exclusions

Before testing, IAF shall approve a requirement-by-requirement applicability matrix. Each entry shall be required, covered by an approved equivalent method, or not applicable under an explicit profile rule. Missing evidence shall be recorded as missing evidence, not as an exclusion.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0039 | 7.2

Source p. 10

Applicability and exclusions

Absence of a safety feature shall normally receive the points assigned to absence by the protocol, often zero. It shall not reduce the scoring denominator. A manufacturer cannot improve a percentage by omitting AEB, child detection or another assessed capability.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0040 | 7.3

Source p. 10

Applicability and exclusions

A physically absent hazard may be not applicable. For example, a vehicle without a traction battery does not undergo that battery's propagation test. Its energy-safety domain shall nevertheless follow the approved fuel or other energy branch. The assessor shall not redistribute points at discretion.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0041 | 7.4

Source p. 10

Applicability and exclusions

All complete category profiles shall maintain the published total and domain maxima. Branches for powertrain or vehicle category shall be defined and validated by IAF before use. A profile with no approved scoring treatment for an exclusion shall be withheld from operational rating.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0042 | 7.5

Source p. 10

Applicability and exclusions

No discretionary exclusion may remove occupant survival, restraint integrity, relevant energy hazards, road-user harm, rescue access or evidence integrity. A required test that cannot be executed shall block the affected classification until an approved equivalent is available.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0043 | 7.6

Source p. 10

Applicability and exclusions

An equivalence decision shall state the requirement, reason, physical mechanism, evidence and uncertainty. It shall be approved by a reviewer independent of the applicant. The public scorecard shall disclose material limitations without revealing protected design details.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

8 | Sample selection and custody

CHECK 0044 | 8.1

Source p. 10

Sample selection and custody

IAF shall control sample selection. For a launch vehicle not yet on sale, samples may be selected from released production under witnessed access. Retail purchase shall be an option where customer vehicles are available, not an impossible prerequisite to an initial-production assessment.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0045 | 8.2

Source p. 10

Sample selection and custody

The sample plan shall specify the variants, individual tests, destructive-test allocations, spare samples, repeat policy and permitted reuse. The number of vehicles shall be derived from protocol coverage and validation needs; no universal sample count shall be claimed sufficient for every programme.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0046 | 8.3

Source p. 10

Sample selection and custody

Every sample shall have a custody record containing identifier, acquisition route, configuration, condition, transport, receipt, seals, preparation actions, software state and responsible persons. Chain-of-custody breaks shall be investigated before evidence is accepted.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0047 | 8.4

Source p. 10

Sample selection and custody

Normal pre-delivery preparation is permitted if recorded. Non-production reinforcements, hand-selected restraint parts, unapproved tyre changes, test-specific calibrations and undisclosed software modes are prohibited. The laboratory shall preserve before-and-after evidence of relevant settings.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0048 | 8.5

Source p. 10

Sample selection and custody

Laboratories shall isolate test functions from unauthorized remote changes. If connectivity is part of the evaluated function, the test plan shall preserve necessary operation while recording remote commands, updates and configuration changes.

RESULT **FINDING / ACTION ID** **EVIDENCE / OBSERVED RESULT / N/A RATIONALE****CHECK 0049 | 8.6**

Source p. 11

Sample selection and custody

Test damage shall not contaminate later results. Reuse of a vehicle, seat, battery, sensor or restraint shall be permitted only where the protocol explicitly allows it and prior loading cannot bias the later measurement. Cosmetic appearance alone shall not establish suitability for reuse.

RESULT **FINDING / ACTION ID** **EVIDENCE / OBSERVED RESULT / N/A RATIONALE**

9 | Assessment plan and test envelope

CHECK 0050 | 9.1

Source p. 11

Assessment plan and test envelope

The signed plan shall allocate each scored criterion and gate to a released method, identified sample, evidence type, responsible laboratory and acceptance rule. The plan shall identify all data needed to reproduce the score and the method for resolving an invalid test.

RESULT **FINDING / ACTION ID** **EVIDENCE / OBSERVED RESULT / N/A RATIONALE****CHECK 0051 | 9.2**

Source p. 11

Assessment plan and test envelope

Core tests shall evaluate the adopted baseline scenarios. Robustness tests shall vary parameters within a controlled scenario set. Extended-severity tests for A and B shall test a separately validated protection envelope. "Higher severity" shall not mean simply increasing speed without validating the method or the biomechanical interpretation.

RESULT **FINDING / ACTION ID** **EVIDENCE / OBSERVED RESULT / N/A RATIONALE**

Requirements & evidence

CHECK 0052 | 9.3

Source p. 11

Assessment plan and test envelope

Impact speed, angle, overlap, barrier construction, partner mass, ride height, vehicle loading, occupant posture and restraint condition shall be defined together. Test reports shall not equate different collision configurations solely because their displayed speeds match.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0053 | 9.4

Source p. 11

Assessment plan and test envelope

Avoidance tests shall specify target properties, trajectories, road friction, visibility, illumination, weather, sensor condition, controller state and driver input. Required scenarios shall be selected from a controlled coverage model rather than by manufacturer preference.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0054 | 9.5

Source p. 11

Assessment plan and test envelope

Physical tests shall anchor the major injury and structural claims. Simulations may extend coverage only under a released validation procedure. A simulated result shall remain identifiable as simulated and shall not be shown as a physical crash result.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0055 | 9.6

Source p. 11

Assessment plan and test envelope

Changing the plan after a result is known shall require a reasoned independent decision. Adding a more favourable test shall not erase a valid unfavourable test. Revisions shall preserve the original plan and evidence history.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

10 | Laboratory execution and measurement quality

CHECK 0056 | 10.1

Source p. 11

Laboratory execution and measurement quality

The laboratory shall demonstrate competence for the actual method, facility and equipment used. An accreditation claim shall be checked against the relevant scope. Where a new method is not yet accredited, IAF shall document method-specific competence and shall not describe it as accredited testing.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0057 | 10.2

Source p. 11

Laboratory execution and measurement quality

Instrumentation, dummies, impactors, sensors, acquisition systems, calibration status and environmental controls shall satisfy the selected protocol. The laboratory shall record sensitivity, sampling, filtering, synchronization, zeroing and channel acceptance rules.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0058 | 10.3

Source p. 11

Laboratory execution and measurement quality

The test report shall retain raw channels, processed data, algorithm versions, imagery, event timing, preparation records and deviations. Replacement of raw data with plots alone is insufficient for review of an injury metric or a disputed score.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0059 | 10.4

Source p. 11

Laboratory execution and measurement quality

Each test shall receive a validity decision separate from its performance result. A valid low score is not an invalid test. An execution failure shall identify the affected channels and whether the missing information prevents scoring or a gate decision.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0060 | 10.5

Source p. 12

Laboratory execution and measurement quality

The uncertainty model shall account for significant measurement, setup and processing effects. Class decisions near a boundary shall use the predeclared guard-band or repeat rule. The laboratory shall not choose a favourable uncertainty convention after the result is known.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0061 | 10.6

Source p. 12

Laboratory execution and measurement quality

An exact repeat under an approved repeat rule shall use the rule's prescribed combination of results. A redesign shall create a new configuration decision; it shall not be described as repeatability testing of the original unchanged vehicle.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

11 | Evidence acceptance and traceability

CHECK 0062 | 11.1

Source p. 12

Evidence acceptance and traceability

Every requirement shall link to an evidence identifier, baseline identifier, method revision, test date, reviewer and decision. An evidence register shall distinguish witnessed physical tests, independently executed tests, validated simulation, manufacturer data and documentary assertions.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0063 | 11.2

Source p. 12

Evidence acceptance and traceability

Existing laboratory reports may reduce duplicated testing where authenticity, technical equivalence, sample identity, data access, uncertainty and method coverage are established. Only verified underlying measurements may support the corresponding AUTOSAFE criterion. A certificate summary shall not substitute for required test evidence or determine the class.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0064 | 11.3

Source p. 12

Evidence acceptance and traceability

Evidence shall not be rejected solely because it is old. The reviewer shall examine method relevance, traceability, actual design change and the integrity of the underlying data. Conversely, a recent date shall not excuse evidence from a different configuration.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0065 | 11.4

Source p. 12

Evidence acceptance and traceability

The applicant shall authorize the necessary report use and access. If proprietary restrictions prevent verification of a mandatory gate, that gate remains unresolved. Commercial confidentiality cannot be treated as a technical pass.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0066 | 11.5

Source p. 12

Evidence acceptance and traceability

Evidence shall be retained for as long as IAF represents the result as verifiable, subject to lawful retention and archival arrangements. The retention model shall include controlled access, backups, integrity checks and recovery. This is a record duty, not a periodic retesting obligation.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0067 | 11.6

Source p. 12

Evidence acceptance and traceability

Manufacturer evidence is permitted only for the uses defined in the protocol. Documentary evidence may confirm a production part identity; it shall not create physical crash-performance points where a required measurement is absent.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

12 | Scoring and A to F classification

CHECK 0068 | 12.1

Source p. 13

Scoring and A to F classification

The score for a domain shall be the sum of its criterion points after all protocol modifiers, bounded by zero and the domain maximum. Each criterion shall have a released scoring function, input definition and modifier rule. An assessor shall not invent intermediate percentages from qualitative judgement.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0069 | 12.2

Source p. 13

Scoring and A to F classification

The domain percentage shall equal its awarded points divided by its maximum, multiplied by 100. The total shall equal the sum of all twelve domain points. Neither missing features nor discretionary exclusions shall shrink the denominator.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0070 | 12.3 | part 1/7

Source p. 13

Scoring and A to F classification

The final class shall be the highest class for which the total threshold, every domain floor, all applicable common gates and all class-specific gates are simultaneously satisfied. Failure of one condition restricts the class even where the total is high.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0071 | 12.3 | source schedule row | part 2/7

Source p. 13

A

Class: A**Proposed total minimum:** 920**Proposed floor in every domain:** 85 percent**Permitted description:** Highest AUTOSAFE class within the stated assessment envelopeRESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0072 | 12.3 | source schedule row | part 3/7

Source p. 13

B

Class: B

Proposed total minimum: 850

Proposed floor in every domain: 75 percent

Permitted description: Enhanced protection with additional validated test requirements

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0073 | 12.3 | source schedule row | part 4/7

Source p. 13

C

Class: C

Proposed total minimum: 760

Proposed floor in every domain: 65 percent

Permitted description: Advanced protection under the AUTOSAFE core and robustness programme

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0074 | 12.3 | source schedule row | part 5/7

Source p. 13

D

Class: D

Proposed total minimum: 650

Proposed floor in every domain: 55 percent

Permitted description: Intermediate assessed performance with disclosed limitations

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0075 | 12.3 | source schedule row | part 6/7

Source p. 13

E

Class: E

Proposed total minimum: 500

Proposed floor in every domain: 40 percent

Permitted description: Lowest qualifying assessed performance class

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0076 | 12.3 | source schedule row | part 7/7

Source p. 13

F

Class: F

Proposed total minimum: Below E conditions or a valid common gate failurel

Proposed floor in every domain: Not a qualifying floor

Permitted description: Assessed performance below the qualifying E threshold or a specified critical failure

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0077 | 12.4

Source p. 14

Scoring and A to F classification

An unrated vehicle shall not receive F merely because it has not applied, lacks a report or is still under assessment. A deliberate evidence-integrity breach shall block issue or invalidate affected evidence; it shall not be disguised as a measured F performance result.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0078 | 12.5

Source p. 14

Scoring and A to F classification

Class F shall be an adverse assessment result, not an approval mark. Where a valid common-gate failure establishes F before the full programme is complete, the public report shall identify that failure, disclose incomplete areas and omit an invented total score. Complete valid low-performing assessments may publish their measured total.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0079 | 12.6

Source p. 14

Scoring and A to F classification

Internal calculations shall retain full precision. Threshold decisions shall use unrounded values. Public totals and percentages may be displayed to two decimals but shall never be rounded upward to cross a class boundary. The scorecard shall state this rule.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0080 | 12.7

Source p. 14

Scoring and A to F classification

No transfer of surplus points between domains is permitted. A performance limitation may incur a points modifier and a gate cap only where both are explicitly specified; the protocol shall state whether they address different consequences and prevent accidental duplicate penalties.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0081 | 12.8

Source p. 14

Scoring and A to F classification

Optional technology shall not obtain credit solely because it exists. The performance and fitment rules apply. Demonstrated capability and verified protection shall determine points, with technology-neutral routes where the same safety outcome can be achieved differently.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

13 | Mandatory gates and class caps

CHECK 0082 | 13.2

Source p. 15

Mandatory gates and class caps

C and above shall satisfy the AUTOSAFE core and robustness test programme, the released advanced body-region limits and the Class C structural, compatibility, energy and rescue conditions. Passing only the total and domain floors does not establish C. A poor injury region shall be evaluated under an explicit class- cap rule, not averaged away.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0083 | 13.3

Source p. 15

Mandatory gates and class caps

B shall satisfy its additional physical extended-envelope tests, occupant diversity checks, compatibility conditions, energy containment and escape requirements. A shall satisfy the more demanding released A test envelope and acceptance limits. The envelope and ceilings must be stated numerically in the protocol pack; adjectives alone cannot establish a pass.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0084 | 13.5

Source p. 15

Mandatory gates and class caps

A or B shall not require waiting for accumulated customer mileage or a future field-data milestone. The initial-production class shall be decided from the completed released test and assessment programme. Later defect evidence may trigger an issue-specific correction under Clause 29.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

14 | Safe driving and human factors

CHECK 0085 | 14.1

Source p. 15

Safe driving and human factors

Driver-state assessment shall cover the supervision required by the fitted assistance functions. The protocol shall test attention detection, distraction, drowsiness, warning escalation and response to an unresponsive driver. Detection of impairment shall not be described as a clinical diagnosis or an infallible sobriety test.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0086 | 14.2

Source p. 15

Safe driving and human factors

Required checks shall include representative stature, skin tone, eyewear, head position, illumination and permitted seating adjustment. False warnings, missed detection and recovery after sensing obstruction shall be reported separately. A favourable average shall not conceal a systematically excluded user group.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0087 | 14.3

Source p. 15

Safe driving and human factors

Essential controls shall be assessed for identification, reach, operation and visual demand. Hazard lights, indicators, demisting, wipers and emergency releases shall remain usable under foreseeable failure conditions. A functional outcome may be achieved by different interface designs if the released usability method supports the result.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0088 | 14.4

Source p. 15

Safe driving and human factors

Speed assistance and driver-support information shall be checked against actual road conditions and conflicting inputs. The system shall communicate material limitations without representing uncertain map or sign interpretation as certain authority to proceed.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0089 | 14.5

Source p. 16

Safe driving and human factors

An incapacitation response shall be tested for interaction with braking, steering, emergency communications and other road users. Stopping capability shall be bounded by its operational conditions. A claimed minimum-risk manoeuvre shall not receive credit merely for stopping in an arbitrary hazardous location.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0090 | 14.6

Source p. 16

Safe driving and human factors

The report shall include task outcomes, response times, missed and false indications, intervention quality and the tested user population. Reviewer observations shall follow predefined rubrics. Unstructured impressions alone shall not determine a numerical class.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

15 | Crash avoidance

CHECK 0091 | 15.1

Source p. 16

Crash avoidance

The programme shall assess longitudinal, crossing, turning, junction, cut-in, cut-out, lane-departure, reverse and other profile-defined scenarios with relevant vehicles and road users. Coverage shall include powered two-wheelers where the approved scenario set identifies them.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0092 | 15.2

Source p. 16

Crash avoidance

Test outcomes shall distinguish complete avoidance, impact-speed reduction, delayed intervention, no intervention and dangerous intervention. The method shall specify how each outcome scores and how repeated attempts are combined. Selecting only the best attempt is prohibited.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0093 | 15.3

Source p. 16

Crash avoidance

Robustness shall address darkness, glare, rain or spray, occlusion, curve geometry, degraded road markings and sensor blockage within the released test conditions. The target and environmental tolerances shall be controlled so that results can be reproduced between laboratories.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0094 | 15.4

Source p. 16

Crash avoidance

Where a sensor is blocked or performance is degraded, the vehicle shall detect and communicate the limitation as required by the protocol. Recovery shall not silently restore a feature before the relevant sensing and calibration conditions are satisfied.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0095 | 15.5

Source p. 16

Crash avoidance

Lane-support and emergency steering tests shall examine stability, conflict with driver input and the risk of moving into another road user. False positive braking and steering shall be evaluated alongside successful interventions. Driver override shall be assessed in the context of the intended function.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0096 | 15.6

Source p. 16

Crash avoidance

Low-speed protection shall include the defined pedestrian, cycling and vehicle hazards during manoeuvring. Pedal misapplication mitigation and door-opening warnings shall be tested where they form part of the claimed protection package.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0097 | 15.7

Source p. 16

Crash avoidance

Absence, default deactivation, subscription dependence and configuration-specific limitations shall be reflected in fitment and scoring. A feature shall not earn base-vehicle points if it is unavailable in the labelled vehicle or requires a later optional activation.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

16 | Frontal protection and vehicle compatibility

CHECK 0098 | 16.1

Source p. 16

Frontal protection and vehicle compatibility

The frontal programme shall define the required offset, full-width, limited-overlap and oblique loading cases. The adopted method shall specify barrier characteristics, speed, overlap, vehicle alignment, mass and occupant placement. No informal substitution between tests is permitted.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0099 | 16.2

Source p. 16

Frontal protection and vehicle compatibility

Structural assessment shall measure defined intrusion, deformation, joint failure and compartment stability. The safety objective is controlled energy management and an acceptable occupant loading environment, not absence of exterior vehicle damage. A stiffer or heavier body is not automatically safer.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0100 | 16.3

Source p. 16-17

Frontal protection and vehicle compatibility

Injury assessment shall cover the body regions and metrics specified for each validated dummy or human model. Applicable examples include head acceleration-based metrics, neck loads, chest response and lower-extremity loads. Exact sensor definitions, filtering and risk functions shall be fixed in the protocol; this document does not invent universal injury limits.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0101 | 16.4

Source p. 17

Frontal protection and vehicle compatibility

Restraints shall be evaluated for belt routing, load limiting, pretensioning, airbag timing, submarining, hard contact and seat interaction. Rear-seat protection and other occupied positions included in the family shall receive their required evidence rather than an assumption based on the front driver seat.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0102 | 16.5

Source p. 17

Frontal protection and vehicle compatibility

Compatibility shall assess the vehicle's effect on a collision partner as well as its own occupants. The method shall account for geometry, load concentration, mass mismatch and relevant deformation measures. High self-protection shall not offset a failed compatibility gate.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0103 | 16.6

Source p. 17

Frontal protection and vehicle compatibility

B and A evidence shall address the released extended-severity conditions and transition behaviour beyond the core point. The report shall show the measured conditions, injury findings and remaining limitations. Successful completion shall not be represented as protection in every collision at that speed.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

17 | Side rear rollover and multiple event protection

CHECK 0104 | 17.1

Source p. 17

Side rear rollover and multiple event protection

Side protection shall include the approved near-side barrier, narrow-object and far-side methods. Assessment shall address head excursion, intrusion, chest and pelvic loading and restraint interaction. Where centre airbags or equivalent devices are credited, their performance shall be measured.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0105 | 17.2

Source p. 17

Side rear rollover and multiple event protection

Occupant-to-occupant contact shall be considered in seating combinations specified by the profile. A system optimized for one occupant shall not be assumed effective for every adjacent occupant, seat position or body size.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0106 | 17.3

Source p. 17

Side rear rollover and multiple event protection

Rear-impact assessment shall evaluate seat and head-restraint performance using the selected validated method. Static geometry and dynamic protection shall remain distinct evidence items; favourable geometry alone shall not establish dynamic injury mitigation.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0107 | 17.4

Source p. 17

Side rear rollover and multiple event protection

Rollover assessment shall address retention, glazing, roof deformation, belt performance and occupant survival space under released conditions. A static roof-load test alone shall not be described as a complete dynamic rollover demonstration.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0108 | 17.5

Source p. 17

Side rear rollover and multiple event protection

Multiple-event scenarios shall specify the sequence, damage state and timing of later loads. The protocol shall determine whether a restraint or energy-isolation system remains capable after an initial event. Unsupported assumptions that airbags or power systems can repeat their first-event function are prohibited.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0109 | 17.6

Source p. 17

Side rear rollover and multiple event protection

Doors shall retain occupants when retention is required and permit escape when escape is required. The assessment shall distinguish premature opening, jammed release, inaccessible handle and failure of an electrical actuator. These are different failure mechanisms and shall be recorded separately.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

18 | Occupant diversity and child protection

CHECK 0110 | 18.1

Source p. 17

Occupant diversity and child protection

The plan shall identify the range of stature, age-related vulnerability, seating positions and child restraint use represented by its evidence. The scope shall be limited to what validated physical or computational methods can support. Coverage shall not be described as universal human protection.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0111 | 18.2

Source p. 17

Occupant diversity and child protection

Physical anchors and validated models shall examine small, midsize and large occupants as required by the profile. Pregnancy, disability-related seating or unusually reclined positions shall not be claimed covered unless a specific validated method supports that claim.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0112 | 18.3

Source p. 18

Occupant diversity and child protection

Child-restraint assessment shall include installation, compatibility, anchorage, labelling, restraint orientation, airbag interaction and dynamic performance for the designated child configurations. A vehicle manual shall not conceal a material incompatibility behind a broad recommendation to seek further advice.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0113 | 18.4

Source p. 18

Occupant diversity and child protection

Occupant classification, airbag suppression and adaptive restraint functions shall be tested for relevant misclassification and out-of-position risks. If a function recognizes only part of the occupant range, the report shall identify that limitation and apply the protocol's treatment.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0114 | 18.5

Source p. 18

Occupant diversity and child protection

Child-presence detection shall be evaluated for its actual sensing and escalation capability. Tests shall distinguish direct detection from assumptions based on door or belt use. Heat-risk or emergency-response claims require evidence of the stated intervention and its dependencies.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0115 | 18.6

Source p. 18

Occupant diversity and child protection

D05 shall score diversity coverage and performance beyond the primary occupant cases allocated to

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0116 | D03

Source p. 18

Occupant diversity and child protection

and D04. The criterion register shall identify the scoring owner for every outcome so that the same test performance is not inadvertently counted twice.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

19 | Vulnerable road user impact protection

CHECK 0117 | 19.1

Source p. 18

Vulnerable road user impact protection

The impact programme shall assess the head, pelvis and lower-extremity regions specified by the category profile. Test zones shall be mapped to the actual production exterior, including bonnet edges, windscreen regions and other relevant structures.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0118 | 19.2

Source p. 18

Vulnerable road user impact protection

Active exterior protection shall be tested for detection, deployment timing, performance and non- deployment conditions. A claim based on a deployed mechanism shall not be assigned to normal production operation unless the trigger conditions are demonstrated.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0119 | 19.3

Source p. 18

Vulnerable road user impact protection

The test protocol shall define how local poor zones limit the class. An attractive aggregate surface average shall not conceal an unacceptable region at a foreseeable impact location.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0120 | 19.4

Source p. 18

Vulnerable road user impact protection

External accessories, tow-related equipment, decorative structures and armouring changes within the rated configuration shall be examined where they alter pedestrian or cycling injury risk. A base-body result shall not automatically cover a changed exterior.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0121 | 19.5

Source p. 18

Vulnerable road user impact protection

D06 shall score passive and impact-activated protection. Avoidance outcomes involving vulnerable road users shall score in D02. Cross-domain gates may link the two, but the same avoided collision shall not be counted as both an impact result and an avoidance result.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

20 | Energy electrical and fire safety

CHECK 0122 | 20.1

Source p. 18

Energy electrical and fire safety

The programme shall select the approved energy branch for combustion, hybrid, battery-electric, hydrogen or another supported propulsion system. Combinations shall address their interacting hazards. Absence of one fuel type shall not remove assessment of the energy system actually installed.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0123 | 20.2

Source p. 18

Energy electrical and fire safety

Post-impact assessment shall examine retention of energy storage, accessible electrical hazards, isolation, leakage, hazardous gas release, ignition, propagation and exposure of occupants or rescuers. The observation conditions and observation duration shall be specified by the hazard protocol; they are test parameters, not certificate validity periods.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0124 | 20.3

Source p. 18

Energy electrical and fire safety

Battery evidence shall specify chemistry, cell and module identity, enclosure, control software, state of charge, temperature, ageing condition and relevant mechanical history. Tests of a cell or a different pack shall not automatically establish the installed vehicle's containment and escape performance.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0125 | 20.4

Source p. 19

Energy electrical and fire safety

Thermal-event assessment shall address initiation, propagation, venting direction, occupant warning and the time available for the defined escape task. A warning by itself shall not demonstrate that the available interval is sufficient. Delayed and post-test hazards shall remain in the evidence record.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0126 | 20.5

Source p. 19

Energy electrical and fire safety

Charging tests shall cover the supported interfaces and functions, with required insulation, contact heating, fault response, water exposure and damaged-connector scenarios. Bidirectional power operation shall be included where it changes the hazard boundary.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0127 | 20.6

Source p. 19

Energy electrical and fire safety

Hydrogen or other pressure-system assessment shall identify containment, shut-off, pressure relief, leak detection and venting assumptions. Operation of a protective device shall be evaluated for secondary harm, not treated as an automatic pass merely because the device actuated.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0128 | 20.8

Source p. 19

Energy electrical and fire safety

Containment, propagation prevention, warning and post-event isolation are distinct claims. The certificate shall identify which were demonstrated. Terms such as fireproof, non-flammable vehicle or explosion-proof shall not be used as unqualified summaries.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

21 | Functional safety and intended function safety

CHECK 0129 | 21.1

Source p. 19

Functional safety and intended function safety

The applicant shall provide a vehicle-level safety argument linking relevant hazards to safety requirements, design measures and verification evidence. The review shall examine the configuration actually rated, not merely whether the manufacturer operates a documented process.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0130 | 21.2

Source p. 19

Functional safety and intended function safety

Malfunctioning behaviour and performance limitations without a hardware fault shall be distinguished. The analysis shall include interactions among perception, control, actuation, driver response and foreseeable misuse within the claimed function.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0131 | 21.3

Source p. 19

Functional safety and intended function safety

Credible faults and degraded states shall be exercised using the released fault-injection or equivalent method. The assessment shall record detection, transition to a safe or minimum-risk state and restoration conditions. Redundancy shall not be credited solely from a count of sensors or controllers.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0132 | 21.4

Source p. 19

Functional safety and intended function safety

Where functions depend on driver supervision, responsibility, limitations and takeover expectations shall be understandable and consistent across the interface, manual and marketing. A road-safety rating shall not be represented as authorization for unsupervised automated driving.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0133 | 21.5

Source p. 19

Functional safety and intended function safety

Automated operation without continuous driver supervision shall require the released operational- domain protocol and the evidence in Clauses 33 to 38. Active safety-relevant functions shall not be excluded merely to avoid assessment. If the necessary method is unavailable, the affected mode shall be demonstrably disabled in the rated configuration or rating issue shall be withheld for that configuration.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0134 | 21.6

Source p. 19

Functional safety and intended function safety

Simulated safety evidence shall identify model validity, scenario coverage, uncertainty and physical correlation. The number of simulated kilometres or scenarios alone shall not prove a specific injury or failure probability.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

22 | Cybersecurity and software integrity

CHECK 0135 | 22.1

Source p. 20

Cybersecurity and software integrity

The assessed baseline shall identify safety-relevant software, calibration and configuration, including cloud or external dependencies capable of altering the function. A generic operating-system version is insufficient where the safety calibration differs.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0136 | 22.2

Source p. 20

Cybersecurity and software integrity

Evidence shall address unauthorized control, diagnostic access, update integrity, communications boundaries and credentials relevant to safe operation. Security testing shall be authorized, contained and appropriate to the evaluated interfaces. This standard does not authorize testing unrelated systems.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0137 | 22.3

Source p. 20

Cybersecurity and software integrity

Update verification shall examine authenticity, integrity, power interruption, recovery and post- installation safety state. A rollback shall restore a compatible and safe configuration, not blindly reintroduce a known hazardous version.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0138 | 22.4

Source p. 20

Cybersecurity and software integrity

Safety-relevant updates shall undergo the change decision in Clause 26. Security-only changes may avoid physical retesting if documented regression evidence demonstrates that safety performance and timing are unaffected. The manufacturer shall not label every update as administrative to bypass review.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0139 | 22.5

Source p. 20

Cybersecurity and software integrity

Base-rating credit shall not depend on a paid ongoing safety subscription. Free-trial functions shall not be treated as permanently fitted capability. Dependence on network service, support withdrawal or feature deactivation shall be disclosed and assessed for its impact on the rated configuration.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0140 | 22.6

Source p. 20

Cybersecurity and software integrity

A critical vulnerability or service change that could invalidate a rated function shall trigger an evidence- based incident review. It does not create an automatic new certificate cycle; it creates a specific obligation to determine whether the published claim remains accurate.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

23 | Post crash rescue and escape

CHECK 0141 | 23.1

Source p. 20

Post crash rescue and escape

Rescue assessment shall cover information, access, emergency release, hazard identification, energy isolation and necessary communications after the defined impact. Passing a normal-condition door-opening test shall not establish post-crash access.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0142 | 23.2

Source p. 20

Post crash rescue and escape

Electrically operated releases shall be examined after loss of relevant power and after the specified deformation. Mechanical alternatives shall be identifiable and operable by the intended user under the released method. Their existence in a drawing or manual alone is insufficient.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0143 | 23.3

Source p. 20

Post crash rescue and escape

Emergency communication shall be tested for the information claimed, its accuracy and delivery under the stated service conditions. The system shall disclose dependencies on network coverage, account activation and regional emergency infrastructure.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0144 | 23.4

Source p. 20

Post crash rescue and escape

Rescue sheets and response guides shall match the exact vehicle and energy configuration. They shall identify hazardous components, safe access information and other content required by the chosen rescue- information method. They shall be available to responders without a commercial paywall.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0145 | 23.5

Source p. 20

Post crash rescue and escape

The method shall assess post-crash escape where rollover, loss of power, smoke, thermal warning or immersion is within the claimed envelope. Test personnel shall use controlled facilities and approved safety procedures. The consumer label shall not encourage improvised hazardous trials.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0146 | 23.6

Source p. 20

Post crash rescue and escape

Multicollision braking, hazard lighting, restraint status and preservation of emergency power shall be reviewed as interacting functions. Unintended immobilization or loss of escape capability shall be recorded even if the original crash-protection points are high.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

24 | Initial production equivalence

CHECK 0147 | 24.1

Source p. 21

Initial production equivalence

Before first issue, the applicant shall demonstrate that tested structures, materials, joining methods, restraints, energy storage and safety software match the released production design. The evidence shall identify the controls that prevent a labelled production unit from silently diverging from the tested baseline.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0148 | 24.2

Source p. 21

Initial production equivalence

Initial examination may use production records, witnessed inspection, dimensional or material verification, supplier traceability and sample comparison. The method shall be proportional to the safety mechanism and the independence of the available evidence.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0149 | 24.3

Source p. 21

Initial production equivalence

The manufacturer shall maintain its own release and conformity controls for labelled production. This duty shall not be converted into a scheduled IAF management-system audit. IAF review after issue shall be triggered by a material change or credible evidence of mismatch.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0150 | 24.4

Source p. 21

Initial production equivalence

A new production site or critical supplier shall not automatically invalidate a design result. The applicant shall demonstrate equivalent output and relevant process capability before extending label use to the changed source. Failure to establish equivalence requires targeted investigation or testing.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0151 | 24.5

Source p. 21

Initial production equivalence

Production discrepancies shall be bounded by the affected build population. The decision shall specify whether the issue affects the design result, particular units, the family scope or all label use. Unaffected variants shall not be restricted without a technical reason.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0152 | 24.6

Source p. 21

Initial production equivalence

Test findings about wear, corrosion or repair sensitivity may be included where the protocol tests those conditions. They shall not create a calendar renewal requirement, nor imply that every individual aged or repaired vehicle has been inspected by IAF.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

25 | Evidence quality and reproducibility score

CHECK 0153 | 25.1

Source p. 21

Evidence quality and reproducibility score

D12 shall evaluate the defined completeness, traceability and reproducibility characteristics of an otherwise admissible evidence package. It shall not award bonus points for submitting glossy documents or purchasing unrelated certificates.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0154 | 25.2

Source p. 21

Evidence quality and reproducibility score

Admissibility remains mandatory regardless of the D12 score. Authenticity, necessary raw data, valid methods and a reproducible critical-gate decision cannot be traded for points. A package may be admissible yet score differently for additional independently demonstrated reproducibility features specified by the released rubric.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0155 | 25.3

Source p. 21

Evidence quality and reproducibility score

The rubric shall distinguish essential validity checks from additional cross-checks. Examples of additional evidence may include independently reproduced calculations, correlation checks and documented repeatability results, provided that comparable routes exist for different manufacturers.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0156 | 25.4

Source p. 21

Evidence quality and reproducibility score

The reviewer shall run or independently verify the scoring calculation. Human overrides shall identify the source clause, reason, approving authority and resulting effect. An unexplained manual class change is prohibited.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0157 | 25.5

Source p. 21

Evidence quality and reproducibility score

Field-outcome statistics shall not be a launch prerequisite or a scored substitute for missing physical tests. Relevant later incidents may inform a targeted investigation or the development of improved protocols. An absence of reported crashes in a small fleet shall not be scored as proof of safety.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

26 | Technical changes and focused reassessment

CHECK 0158 | 26.1

Source p. 22

Technical changes and focused reassessment

The manufacturer shall assess a proposed change against the baseline before applying the original label to the changed vehicle. The record shall identify the affected requirements, possible interaction effects, evidence and proposed coverage decision.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0159 | 26.2 | part 1/5

Source p. 22

Technical changes and focused reassessment

Changes shall be classified by their actual safety effect, not by commercial labels such as facelift, running improvement or equivalent part. The decision categories below govern the extent of review.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0160 | 26.2 | source schedule row | part 2/5

Source p. 22

Administrative record update

Decision: Administrative record update

Typical basis: Name, document or identifier changes with no technical effect

Required action: Verify the absence of a technical change; record the correction. No repeat test.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0161 | 26.2 | source schedule row | part 3/5

Source p. 22

Demonstrated equivalent configuration

Decision: Demonstrated equivalent configuration

Typical basis: Changed source or part with evidence of equal relevant properties

Required action: Independent evidence review and any necessary confirmation. Extend scope only after approval.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0162 | 26.2 | source schedule row | part 4/5

Source p. 22

Safety relevant delta

Decision: Safety relevant delta

Typical basis: Material, restraint, energy, sensor, algorithm or geometry change affecting a subset of requirements

Required action: Focused tests and interaction review; issue a linked result revision or separate variant record.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0163 | 26.2 | source schedule row | part 5/5

Source p. 22

New assessment object

Decision: New assessment object

Typical basis: New generation, materially different safety architecture or insufficient reusable evidence

Required action: New initial assessment under the applicable released edition.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0164 | 26.3

Source p. 22

Technical changes and focused reassessment

A new colour may be administrative, but a paint or coating change affecting radar transmission or a joint may be safety relevant. A new battery capacity may change mass, crash loading and thermal response. A software-only change may alter braking or restraint behaviour. The assessor shall follow the mechanism, not the apparent size of the change.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0165 | 26.4

Source p. 22

Technical changes and focused reassessment

An unchanged result may be carried forward only where the original measurement remains representative. The reviewer shall list accepted evidence and retested items. A small change to one part shall not excuse ignoring its effect on coupled systems.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0166 | 26.5

Source p. 22

Technical changes and focused reassessment

A delta result shall identify both the original and changed production boundaries. Vehicles built before the change shall not inherit an improved class without evidence that the improvement applies to them. Vehicles already sold may qualify for a distinct updated configuration only after the relevant hardware and software changes are verified.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0167 | 26.6

Source p. 22

Technical changes and focused reassessment

An urgent safety correction shall not be delayed solely to complete label administration. The manufacturer shall implement appropriate safety action, inform IAF and prevent misleading label claims while the technical effect is assessed. Regulatory reporting duties remain unaffected.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0168 | 26.7

Source p. 22

Technical changes and focused reassessment

Where a delta uses the original test basis, the record shall retain that edition and state the limited change scope. A claim under a newer complete protocol requires a full gap analysis and all missing evidence. Protocol editions shall not be selectively combined to maximize the grade.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

27 | Certificate and assessment report

CHECK 0169 | 27.1

Source p. 23

Certificate and assessment report

The official certificate shall be titled Vehicle Test and Rating Certificate. It shall identify the rating record, revision, make, model, generation, configuration family, market, production boundary, protocol edition, issue date, class, qualifying conditions and approving authority.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0170 | 27.2

Source p. 23

Certificate and assessment report

The certificate shall include or directly reference a configuration coverage schedule. The schedule shall identify safety-package requirements, drive side, powertrain, energy storage, seating, relevant software and exclusions. Broad wording such as all models or all future production is prohibited unless the full identified population is actually covered.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0171 | 27.3

Source p. 23

Certificate and assessment report

The certificate shall not contain an expiry date, renewal date or future routine audit requirement. It shall state that the result applies to the recorded configuration and test basis and that material changes or invalidating evidence may alter label authorization.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0172 | 27.4

Source p. 23

Certificate and assessment report

The technical report shall contain the complete test register, raw-data references, validity decisions, modifiers, domain calculations, gate outcomes, deviations, evidence equivalences and class calculation. A concise public report may omit proprietary details but shall not omit information necessary to understand the class.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0173 | 27.5

Source p. 23

Certificate and assessment report

A certificate shall be issued only after decision and scope release. Blank examples in Annex C are working forms, not issued certificates. No specimen shall contain a real-looking awarded rating, signature or seal suggesting that a vehicle has been tested.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0174 | 27.6

Source p. 23

Certificate and assessment report

The certificate, public scorecard and label register shall share one authoritative record identity. Corrections shall create a visible revision and reason. The earlier document shall be marked as superseded or corrected, not silently replaced without a trace.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

28 | Label design and permitted use

CHECK 0175 | 28.1

Source p. 23

Label design and permitted use

The label shall display IAF AUTOSAFE, the single applicable class letter, protocol edition or compact edition code, rating identifier and a verification reference. Colour shall not be the sole means of communicating class. Letter, contrast and legibility shall remain adequate in monochrome and for users with colour-vision differences.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0176 | 28.2

Source p. 23

Label design and permitted use

The artwork shall use the A to F letter scale as its sole overall performance hierarchy. A class indicator shall not imply that the distance between adjacent letters represents a fixed change in injury probability. Technology coverage may be described in a separate factual scope line without an additional prestige tier.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0177 | 28.3

Source p. 23

Label design and permitted use

The configuration or package qualifier shall be visible next to the class whenever it changes interpretation. A base vehicle and a safety-package vehicle shall not share an advertisement that presents the higher class as universal.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0178 | 28.4

Source p. 23

Label design and permitted use

Physical labels may be applied only to covered production units. Model webpages, price lists, sales documents and advertisements shall identify the rated scope. Brand-wide use in a way that implies all products are rated is prohibited.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0179 | 28.5

Source p. 23

Label design and permitted use

A QR or other verification reference shall lead to the authoritative record, not merely to a sales homepage. If a digital service is interrupted, a readable record identifier shall still permit verification through an alternative route. A third-party advertisement shall not replace the record.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0180 | 28.6

Source p. 24

Label design and permitted use

The register shall show the original class, edition, applicable variants, issue date and any correction or restriction. Historical results shall not be displayed as evidence of compliance with a later untested edition.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0181 | 28.7

Source p. 24

Label design and permitted use

Claims of guaranteed survival, zero injury, invulnerability or universal fire, bullet or rocket protection are prohibited. Acceptable language shall identify the completed assessment, its class and its tested scope without turning risk reduction into certainty.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0182 | 28.8

Source p. 24

Label design and permitted use

Cosmetic redesign of label artwork shall not require vehicle retesting where the rating meaning and record identity are unchanged. Technical changes to the vehicle shall follow Clause 26 regardless of whether the artwork remains unchanged.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

29 | Event triggered review and result correction

CHECK 0183 | 29.1

Source p. 24

Event triggered review and result correction

A review may be initiated by a credible safety incident, recall, suspected production mismatch, software change, valid complaint, laboratory error, manipulation evidence or an incorrect public claim. The initiating evidence and the question to be resolved shall be recorded.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0184 | 29.2

Source p. 24

Event triggered review and result correction

The scheme owner shall triage the issue by credible severity and affected scope. Where continued label use could materially mislead consumers about a serious hazard, a precautionary restriction may be applied with a recorded reason. Such a restriction does not by itself establish a new measured class.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0185 | 29.3

Source p. 24

Event triggered review and result correction

The applicant shall provide relevant records without delay and identify the affected production population. IAF may commission focused analysis, inspection or tests necessary to resolve the issue. This authority shall be limited to the issue and shall not become an undisclosed recurring certification programme.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0186 | 29.4

Source p. 24

Event triggered review and result correction

Real-world deaths or injuries warrant careful investigation but do not alone prove that a test result was false. Analysis shall consider crash severity, restraint use, vehicle condition, modifications, configuration, exposure and possible confounding factors. Conversely, laboratory success shall not justify dismissing a credible recurring failure mechanism.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0187 | 29.5

Source p. 24

Event triggered review and result correction

Outcomes may include no change, scope clarification, corrective notice, updated test result, restriction to unaffected configurations, suspension of label use or withdrawal of a result founded on invalid evidence. Every outcome shall state its reasoning and affected scope.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0188 | 29.6

Source p. 24

Event triggered review and result correction

A valid historical measurement shall be preserved even when label authorization changes. A false or invalid measurement shall not remain presented as valid history. The record shall identify the distinction and the replacement decision where available.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0189 | 29.7

Source p. 24

Event triggered review and result correction

Restoration of label authorization shall depend on resolution of the identified issue and the relevant evidence. It shall not occur automatically after a waiting period or solely upon payment of a fee.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

30 | Complaints appeals and confidentiality

CHECK 0190 | 30.1

Source p. 24

Complaints appeals and confidentiality

Any person may raise a factual concern about a rating or label through a published route. The complaint record shall identify the issue, evidence, responsible handler and disposition. Relevant reports shall not be rejected merely because the reporter is not an IAF member.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0191 | 30.2

Source p. 24

Complaints appeals and confidentiality

The applicant shall be allowed to correct factual identification errors before publication without altering valid findings. Disagreement with a low score shall be addressed through the technical review route, not through negotiation of the class.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0192 | 30.3

Source p. 25

Complaints appeals and confidentiality

Appeals shall be decided by people not responsible for the original disputed decision and free from material conflicts. The decision shall address the stated grounds and evidence. An appeal shall not automatically suspend necessary protective communication to consumers.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0193 | 30.4

Source p. 25

Complaints appeals and confidentiality

Personal data, protected design information and security-sensitive details shall be handled under appropriate access controls. The public explanation shall remain sufficient to disclose material risks, scope restrictions and the basis of a correction.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0194 | 30.5

Source p. 25

Complaints appeals and confidentiality

IAF shall keep an interpretation and appeal precedent register so that comparable cases receive consistent treatment. Any change of interpretation shall state whether it clarifies an earlier rule or changes the future assessment basis.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

31 | Independent class definition and protected vehicles

CHECK 0195 | 31.1

Source p. 25

Independent class definition and protected vehicles

Each AUTOSAFE class shall be established from this edition's own total threshold, domain floors, measured performance limits and mandatory gates. Class C shall represent successful completion of the specified advanced core and robustness programme. Classes B and A shall require their additional released test envelopes and acceptance conditions.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0196 | 31.2

Source p. 25

Independent class definition and protected vehicles

Validation shall establish the technical basis for each class boundary using biomechanical evidence, relevant hazard scenarios, vehicle-level measurements and laboratory correlation. The study shall examine different vehicle sizes, energy architectures, occupant groups and levels of performance. A class boundary shall not be adopted merely because it produces a desired distribution of labels.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0197 | 31.3

Source p. 25

Independent class definition and protected vehicles

A favourable supplier report, management-system certificate, simulated demonstration or component result shall not confer a whole-vehicle class. The decision shall use the complete applicable AUTOSAFE evidence package. Reuse of underlying measurements shall follow Clause 11 and shall never create automatic class equivalence.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0198 | 31.4

Source p. 25

Independent class definition and protected vehicles

Public class descriptions shall state the tested conditions and verified capability. Terms such as autonomous, intelligent, connected or next generation shall not themselves justify points, a higher class or a broader claim. Coverage of a fitted technology shall be reported separately from the overall letter. Protected vehicle designation

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0199 | 31.5

Source p. 25

Independent class definition and protected vehicles

Ballistic, blast or other hostile-threat protection shall be a separate supplemental designation. A road- safety Class A alone shall not imply armouring. The combined presentation shall state the road class and an identified protection protocol and level, with an explicit qualifier.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0200 | 31.6

Source p. 25

Independent class definition and protected vehicles

The protective assessment shall be performed by a competent specialist facility against a recognized, precisely bounded method. Its record shall identify the tested threat category, protected zones, vehicle configuration, acceptance criteria and exclusions. This document does not prescribe weapon construction, explosive setup or improvised attack tests.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0201 | 31.7

Source p. 25

Independent class definition and protected vehicles

Added armour, glazing and protective equipment shall be assessed in the completed vehicle configuration for road-safety effects on mass, braking, rollover, compatibility, restraints and escape. A certificate for an armour material alone shall not establish whole-vehicle protection.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0202 | 31.8

Source p. 26

Independent class definition and protected vehicles

A claim involving a rocket or another explosive threat requires a dedicated validated protective protocol and its own evidence. Where no released protocol and acceptable test evidence exist, the claim shall remain outside scope and the corresponding label shall not be issued.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

32 | Technical adoption and operational release

CHECK 0203 | 32.1

Source p. 26

Technical adoption and operational release

IAF shall approve the complete technical package before issuing ratings. An operational programme requires released test methods, numeric acceptance limits, point curves, repeat rules, category branches, uncertainty rules and class caps. This system document alone is insufficient.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0204 | 32.2

Source p. 26

Technical adoption and operational release

The scientific basis shall examine injury metrics, occupant representativeness, scenario relevance, severity escalation, vehicle aggressivity and the ability of the proposed score to distinguish meaningful safety differences. Released limits shall be supported by recorded scientific or engineering justification and the validation results relevant to their intended use.

RESULT

Select result

FINDING / ACTION ID**EVIDENCE / OBSERVED RESULT / N/A RATIONALE****CHECK 0205 | 32.3**

Source p. 26

Technical adoption and operational release

Pilot testing shall include multiple vehicle architectures and performance levels. Correlation work shall assess whether independent laboratories obtain sufficiently consistent measurements and class decisions. Class boundaries shall be tested for instability and unintended incentives.

RESULT

Select result

FINDING / ACTION ID**EVIDENCE / OBSERVED RESULT / N/A RATIONALE****CHECK 0206 | 32.4**

Source p. 26

Technical adoption and operational release

Stakeholder review shall include manufacturers, independent laboratories, biomechanics specialists, consumer representatives, rescue professionals and relevant technical experts. Comments shall receive reasoned dispositions. Consensus shall not be obtained by waiving a known essential safety requirement for commercial convenience.

RESULT

Select result

FINDING / ACTION ID**EVIDENCE / OBSERVED RESULT / N/A RATIONALE****CHECK 0207 | 32.5**

Source p. 26

Technical adoption and operational release

Open technical parameters shall be managed through Annex F. No evaluator shall fill them privately during a live commercial assessment. A class whose essential methods remain unreleased shall be marked unavailable for issue rather than awarded provisionally on opinion.

RESULT

Select result

FINDING / ACTION ID**EVIDENCE / OBSERVED RESULT / N/A RATIONALE**

Requirements & evidence

CHECK 0208 | 32.6

Source p. 26

Technical adoption and operational release

Adoption shall identify the responsible decision authority, released documents and evidence of validation. Future amendments shall be driven by technical findings and controlled release decisions, without imposing an automatic renewal cycle on accurately recorded earlier configurations.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

33 | Technology applicability and extensibility

CHECK 0209 | 33.1

Source p. 26

Technology applicability and extensibility

The assessment shall combine the common vehicle-safety core with the released methods needed for fitted technology. A technology inventory shall identify safety-related capabilities, operating modes, external dependencies and failure mechanisms. The inventory shall cover functions enabled at customer delivery and any feature whose activation is included in the rated configuration.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0210 | 33.2 | part 1/8

Source p. 26

Technology applicability and extensibility

The following terms shall govern technology-specific assessment. Commercial names shall not replace the functional description.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0211 | 33.2 | source schedule row | part 2/8

Source p. 26

Operational design domain

Term: Operational design domain

Assessment meaning: Conditions in which an automated function is intended to operate, including location, road, speed, environment and traffic constraints.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0212 | 33.2 | source schedule row | part 3/8

Source p. 26

Minimum risk response

Term: Minimum risk response

Assessment meaning: Defined action following a fault, limit or unsuccessful transition, evaluated for the resulting risk rather than assumed safe because motion stops.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0213 | 33.2 | source schedule row | part 4/8

Source p. 27

Remote assistance

Term: Remote assistance

Assessment meaning: Off-vehicle information or guidance supporting operation without necessarily controlling the vehicle directly.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0214 | 33.2 | source schedule row | part 5/8

Source p. 27

Remote driving

Term: Remote driving

Assessment meaning: Off-vehicle human input that directly controls vehicle motion.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0215 | 33.2 | source schedule row | part 6/8

Source p. 27

Safety relevant AI

Term: Safety relevant AI

Assessment meaning: An AI element whose output or failure can affect a safety-related vehicle function directly or through another system.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0216 | 33.2 | source schedule row | part 7/8

Source p. 27

Digital twin

Term: Digital twin

Assessment meaning: An identified computational representation of a particular vehicle configuration or system, with a declared purpose and validated limits.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0217 | 33.2 | source schedule row | part 8/8

Source p. 27

Approved adaptation envelope

Term: Approved adaptation envelope

Assessment meaning: Tested boundary within which a learning or adaptive function may change without invalidating the recorded safety argument.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0218 | 33.3

Source p. 27

Technology applicability and extensibility

Applicability shall be determined by safety effect and actual fitment, not by a supplier's description of a feature as entertainment, convenience, experimental or beta. A generative assistant capable of changing a safety setting shall be examined for that control path. A disabled feature shall require evidence that customers cannot activate it within the covered configuration.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0219 | 33.4

Source p. 27

Technology applicability and extensibility

Every technology-specific method shall identify its existing domain and criterion ownership, mandatory gates and interaction tests. The total shall remain 1000 points. Additional requirements may constrain a class without awarding additional points. Missing methods shall not be replaced by assessor-created bonus scores or private exclusions.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0220 | 33.5

Source p. 27

Technology applicability and extensibility

A previously unlisted technology shall enter assessment through a recorded hazard review, proposed method, validation and controlled release. The review shall consider direct effects, coupled failures, foreseeable misuse and effects on other road users. A published technology-neutral method may be used where its applicability and uncertainty are demonstrated.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0221 | 33.6

Source p. 27

Technology applicability and extensibility

If an active safety-relevant function has no adequate released method, the configuration shall remain unavailable for a complete class. A separately verified configuration with that function disabled may be assessed where disabling it does not introduce an unassessed hazard or remove a common requirement. A disclaimer alone shall not exclude an active risk from the rating.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0222 | 33.7

Source p. 27

Technology applicability and extensibility

A technology not fitted shall not incur an arbitrary penalty for lacking that particular implementation. The approved category branch shall assess the corresponding safety outcome where relevant and preserve the domain maximum. A claimed optional capability shall receive no credit until its performance and fitment are verified.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0223 | 33.8

Source p. 27

Technology applicability and extensibility

New methods shall apply through controlled edition or protocol release. They shall not automatically expire earlier truthful results. Activation of a new function, extension of an operating domain or movement outside an approved adaptation envelope shall follow Clause 26 before the earlier label is used for the changed configuration.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

34 | Automated driving and remote operation

CHECK 0224 | 34.1

Source p. 27-28

Automated driving and remote operation

Each automated function shall have a controlled operational-domain description. The description shall specify supported road types, speeds, environmental limits, traffic conditions, geographic or map dependencies, necessary infrastructure and required occupant roles. Broad claims such as all roads or all weather require evidence covering those claims and shall not be accepted as a test specification.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0225 | 34.2

Source p. 28

Automated driving and remote operation

The scenario programme shall test entry to, operation within and exit from that domain. Boundary conditions shall include deteriorating visibility, road works, ambiguous markings, unexpected stationary objects and other hazards identified by the profile. The record shall explain scenario selection and any omitted mechanism.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0226 | 34.3

Source p. 28

Automated driving and remote operation

The test plan shall distinguish assistance requiring continuous driver supervision from operation in which the system performs the driving task within its domain. Activation conditions, supervision requirements, takeover requests and actual control authority shall be consistent with the interface and the tested capability. Evaluation shall not rely on the driver performing a task that the vehicle explicitly permits the driver to stop performing.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0227 | 34.4

Source p. 28

Automated driving and remote operation

Transition assessment shall measure warning delivery, task comprehension, available response interval and the vehicle's response when takeover does not occur. The method shall use representative users and predeclared acceptance rules. A displayed countdown or a recorded button press shall not alone demonstrate successful transfer of control.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0228 | 34.5

Source p. 28

Automated driving and remote operation

Fallback tests shall evaluate stability, trajectory, stopping location, exposure of other road users and ability to summon or accept appropriate assistance. Faults affecting localization, perception, computation, actuation and power shall be included where credible. The protocol shall define unacceptable dangerous actuation and its common-gate effect.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0229 | 34.6

Source p. 28

Automated driving and remote operation

Remote assistance and remote driving shall be identified separately. Testing shall establish command authority, authorization, feedback, communication assumptions and the vehicle's response to delay, loss, duplication or stale guidance. No road-driving claim shall be supported by a remote-assistance test that never exercised direct control.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0230 | 34.7

Source p. 28

Automated driving and remote operation

An automated vehicle shall not depend on an unassessed remote intervention to pass a safety scenario. Where remote support is necessary, the end-to-end service and failure behaviour shall be part of the evidence. Testing shall address unavailable operators and conflicting local and remote commands without exposing uninvolved road users to the test hazard.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0231 | 34.8

Source p. 28

Automated driving and remote operation

Interaction tests shall include pedestrians, cyclists, powered two-wheelers, emergency vehicles and other participants selected by the scenario model. Indicators or external displays shall not be credited merely because they exist. The method shall examine whether signals are understood and whether an incorrect or unavailable signal creates additional risk.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0232 | 34.9

Source p. 28

Automated driving and remote operation

The operating-domain record shall identify software, model, sensor, map and remote-service dependencies. A new map service, a widened geographic area or a higher supported speed shall receive a delta decision when it changes the evidence basis. The historical rating shall not automatically cover the extended domain.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0233 | 34.10

Source p. 28

Automated driving and remote operation

The public record shall state the tested automation functions, permitted operating domain, required supervision and material limitations. It shall distinguish an AUTOSAFE assessment from legal authorization to operate. A high vehicle class shall not be advertised as unlimited automated-driving capability.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

35 | Artificial intelligence and learning systems

CHECK 0234 | 35.1

Source p. 29

Artificial intelligence and learning systems

The applicant shall identify each safety-relevant AI element, its intended task, input and output boundaries, model version, execution environment and safety dependencies. Model identity shall include a reproducible fingerprint or equivalent controlled reference. A product name alone shall not establish that the tested model matches production.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0235 | 35.2

Source p. 29

Artificial intelligence and learning systems

The evidence package shall describe the origin, quality, labelling and intended coverage of development and evaluation data. Evaluation shall use independent data and scenarios protected from intentional or accidental tuning to the assessment. Duplicated or closely related samples shall be addressed when claiming independence.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0236 | 35.3

Source p. 29

Artificial intelligence and learning systems

Performance shall be reported for relevant conditions and affected user groups, including vulnerable road users where the function interacts with them. An overall average shall not conceal a systematically weak condition. The protocol shall define the minimum coverage, uncertainty treatment and failure limits before testing.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0237 | 35.4

Source p. 29

Artificial intelligence and learning systems

Robustness testing shall examine relevant input degradation, occlusion, sensor disagreement and conditions outside the model's supported distribution. The evidence shall distinguish detecting uncertainty from safely responding to it. Confidence scores shall not be treated as calibrated safety probabilities without supporting validation.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0238 | 35.5

Source p. 29

Artificial intelligence and learning systems

The vehicle shall implement and demonstrate the response required when an AI output is unavailable, inconsistent, late or outside its accepted limits. The assessment shall exercise that response in the coupled vehicle system. A nominal fallback block in a diagram shall not establish effective hazard control.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0239 | 35.6

Source p. 29

Artificial intelligence and learning systems

Generative or conversational systems shall have explicit authority limits. Where outputs can reach safety-related controls, testing shall examine ambiguous requests, contradictory information, untrusted retrieved content and unauthorized instructions. Arbitrary generated text shall not bypass the validated control and authorization path.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0240 | 35.7

Source p. 29

Artificial intelligence and learning systems

A safety-related response produced by a generative interface shall be assessed for the actual user task, including comprehension, distraction and recoverability from a wrong answer. Safety-critical status and emergency actions shall remain available through the validated interface when the generative function or its network connection is unavailable.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0241 | 35.8

Source p. 29

Artificial intelligence and learning systems

Online learning or adaptation shall be permitted within a rated configuration only where a released method defines and validates the adaptation envelope. The record shall identify mutable parameters, invariant constraints, detection of boundary departure and the demonstrated safe response. Unbounded safety-relevant self-modification shall not be covered by the initial class.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0242 | 35.9

Source p. 29

Artificial intelligence and learning systems

A changed model, training dataset, inference engine, quantization or execution platform shall receive a safety-impact review when it can alter outputs, timing or failure behaviour. The review shall retain the model and dataset lineage needed to reproduce the decision. A model update shall not be classed as cosmetic solely because the external feature name is unchanged.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0243 | 35.10

Source p. 29

Artificial intelligence and learning systems

AI-specific tests shall support the existing criterion and gate decisions without creating a separate prestige score. The report shall preserve material limitations and unsuccessful tests. Acceptance shall rely on evidence for the installed system, not on a supplier's generic accuracy claim or the size of its model.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

36 | Connected services and resilient software architecture

CHECK 0244 | 36.1

Source p. 30

Connected services and resilient software architecture

The assessed architecture shall identify safety-relevant onboard, cloud, roadside and remote-service dependencies. For each dependency, the test plan shall define loss, delay, corruption, disagreement and restoration states where these can affect safety. Normal connectivity shall not be assumed during fault or rescue assessment.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0245 | 36.2

Source p. 30

Connected services and resilient software architecture

Vehicle-to-vehicle and vehicle-to-infrastructure information shall be assessed for authenticity, freshness, relevance and conflict with local observations. The vehicle's safe response shall be tested when information is absent or inconsistent. A connected message shall not automatically authorize a manoeuvre that violates the validated local safety constraints.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0246 | 36.3

Source p. 30

Connected services and resilient software architecture

Safety-related functions shall be tested under the released processor, memory, network, power and thermal stress conditions. The programme shall examine credible shared-resource and common-cause failures. Redundant software running on a shared resource shall not be assumed independent without evidence.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0247 | 36.4

Source p. 30

Connected services and resilient software architecture

Steering, braking or propulsion controlled by electronic interfaces shall have demonstrated fault- detection and response behaviour for the claimed architecture. Tests shall assess the resulting vehicle motion and controllability. The number of backup channels shall not substitute for measured response to the specified fault set.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0248 | 36.5

Source p. 30

Connected services and resilient software architecture

Software update evidence shall cover partial installation, interrupted power, incompatible dependencies and recovery to a verified state. Safety functions shall not silently disappear during an update condition in which the vehicle can be operated. The change record shall identify the configuration actually installed rather than only the update offered to the user.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0249 | 36.6

Source p. 30

Connected services and resilient software architecture

Security evaluation shall include relevant access control, integrity and recovery properties using authorized, contained methods. The applicant shall demonstrate how safety-related credentials and cryptographic mechanisms can be replaced without unsafe loss of function. No claim of permanent immunity from future attacks shall be derived from the test result.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0250 | 36.7

Source p. 30

Connected services and resilient software architecture

Service unavailability, account loss, commercial deactivation or withdrawal of an external dependency shall have a defined safe behaviour and an accurate public scope statement. Necessary safety behaviour in the rated base configuration shall not depend on an undisclosed paid subscription. A later change affecting that behaviour shall trigger Clause 26 or 29, not calendar renewal.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0251 | 36.8

Source p. 30

Connected services and resilient software architecture

The vehicle shall retain the minimum technical event information needed to investigate the assessed safety functions, subject to applicable privacy requirements. The evidence shall establish time consistency, integrity and accessibility to authorized investigators. The rating shall not require publication of personal journeys or owner identity.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

37 | Emerging energy systems structures and materials

CHECK 0252 | 37.1

Source p. 30

Emerging energy systems structures and materials

Energy assessment shall be based on the installed chemistry, storage architecture and failure mechanisms. Descriptions such as solid state, sodium ion or next generation shall not create an exemption from containment, electrical, fire or rescue requirements. A different chemistry requires an applicability decision even if the enclosure dimensions are unchanged.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0253 | 37.2

Source p. 31

Emerging energy systems structures and materials

Structural batteries and other load-bearing energy systems shall be evaluated for coupled crash and energy effects. The plan shall address damage that changes both structural capacity and containment. Separate component results shall not establish whole-vehicle performance without verified load paths, installation and post-impact behaviour.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0254 | 37.3

Source p. 31

Emerging energy systems structures and materials

Fast charging, wireless charging and bidirectional power modes shall be included where fitted and safety-relevant. The released method shall address the actual interface, alignment or connection state, protective shutdown, heat, electrical isolation and foreseeable misuse. Unsupported interfaces shall not be implied by a general charging claim.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0255 | 37.4

Source p. 31

Emerging energy systems structures and materials

Battery swapping or other exchangeable energy modules shall have evidence for mechanical retention, electrical connection, configuration recognition and incompatible-module prevention. The assessment shall identify the approved module family and examine a foreseeable incomplete or incorrect connection under controlled conditions.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0256 | 37.5

Source p. 31

Emerging energy systems structures and materials

Hydrogen and other alternative energy carriers shall use validated hazard-specific methods for the installed system. Combined systems shall be examined for interaction between electrical, pressure, thermal and chemical hazards. A successful test for one energy carrier shall not establish the safety of an untested alternative.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0257 | 37.6

Source p. 31

Emerging energy systems structures and materials

New casting, joining, composite or additive-manufacturing approaches shall have evidence that the tested load paths and material properties represent production. Relevant defects, damage sensitivity and environmental conditioning shall be selected from the failure mechanism. A process name or material- strength value alone shall not prove crash protection.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0258 | 37.7

Source p. 31

Emerging energy systems structures and materials

Repair, replacement or refurbishment sensitivity shall be reported where it affects the assessed safety mechanism. A specific conditioned-sample test may establish performance under that condition; it shall not imply inspection of every used vehicle. This requirement does not create a certificate age limit or a periodic retesting programme.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0259 | 37.8

Source p. 31

Emerging energy systems structures and materials

Rescue information shall identify the energy system and structure actually installed, including hazards introduced by integrated storage or unusual load-bearing elements. Tests of emergency access and isolation shall use that configuration. Information for a conventional derivative shall not automatically cover an emerging architecture.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

38 | Virtual evidence digital twins and scenario validation

CHECK 0260 | 38.1

Source p. 31

Virtual evidence digital twins and scenario validation

Every computational tool used for a rating decision shall have a declared context of use. The record shall identify model configuration, solver or execution version, input data, calibration basis, output processing and known limitations. A digital twin shall match the rated baseline to the level necessary for the claimed result.

RESULT	Select result	FINDING / ACTION ID	
EVIDENCE / OBSERVED RESULT / N/A RATIONALE			

CHECK 0261 | 38.2

Source p. 31

Virtual evidence digital twins and scenario validation

Physical measurements shall establish the relevant correlation before virtual evidence extends coverage. The validation set shall be sufficiently independent of model calibration to test predictive capability. Acceptance bands and the treatment of disagreement shall be released before the decisive comparison.

RESULT	Select result	FINDING / ACTION ID	
EVIDENCE / OBSERVED RESULT / N/A RATIONALE			

CHECK 0262 | 38.3

Source p. 31

Virtual evidence digital twins and scenario validation

Generated scenarios shall follow an explicit coverage model describing hazards, parameter ranges and selection rules. Synthetic realism shall not substitute for physical relevance. The report shall state whether a scenario was derived from an observed mechanism, a controlled parameter variation or an exploratory hypothesis.

RESULT	Select result	FINDING / ACTION ID	
EVIDENCE / OBSERVED RESULT / N/A RATIONALE			

CHECK 0263 | 38.4

Source p. 32

Virtual evidence digital twins and scenario validation

The assessment shall preserve adverse scenarios and failed correlations. Selection of only favourable simulations is prohibited. Randomized tests shall retain seeds or equivalent replay controls, and nondeterministic outputs shall use a released sampling and acceptance rule.

RESULT	Select result	FINDING / ACTION ID	
EVIDENCE / OBSERVED RESULT / N/A RATIONALE			

Requirements & evidence

CHECK 0264 | 38.5

Source p. 32

Virtual evidence digital twins and scenario validation

Human-body, occupant or traffic-participant models shall be qualified for the represented population and loading conditions. A model outside its validated range shall not silently extend a protection claim. The evidence shall describe uncertainty and where physical testing remains necessary.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0265 | 38.6

Source p. 32

Virtual evidence digital twins and scenario validation

A discrepancy between a validated simulation and a physical result shall receive a recorded technical disposition. The more favourable result shall not automatically prevail. The disposition shall address model validity, test validity and whether the affected class decision remains supportable.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0266 | 38.7

Source p. 32

Virtual evidence digital twins and scenario validation

Claimed exposure, scenario counts or virtual distance shall not be converted into a real-world casualty probability without an appropriate statistical model and evidence for its assumptions. Correlated or duplicated scenarios shall not be presented as independent observations.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0267 | 38.8

Source p. 32

Virtual evidence digital twins and scenario validation

The acceptance record shall link each permitted virtual result to the exact criterion or gate it supports. It shall state the remaining physical-test requirements. Evidence reproducibility shall be assessed under D12; the simulated safety outcome shall remain assigned to its own performance domain without duplicate credit.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

39 | Evolving cabins accessibility and novel interfaces

CHECK 0268 | 39.1

Source p. 33

Evolving cabins accessibility and novel interfaces

The applicant shall identify every seating, restraint and cabin arrangement permitted while the vehicle is moving in a rated mode. Rotating, reclining or reconfigurable seats shall not inherit a forward-facing result without a validated coverage decision. Unassessed moving configurations shall be reliably prevented within the rated baseline.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0269 | 39.2

Source p. 33

Evolving cabins accessibility and novel interfaces

Occupant-protection evidence shall address the permitted configurations, relevant stature and child- restraint combinations. Features intended to return a seat to a protective position before an impact shall be tested for detection, timing, completion and failure response. Intended motion in a design drawing is not proof of achieved protection.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0270 | 39.3

Source p. 33

Evolving cabins accessibility and novel interfaces

Interfaces shall be assessed for users represented by the applicable profile, including accessibility needs relevant to the claimed function. Voice, gesture, augmented displays and biometric controls shall have an evaluated failure response. An emergency action shall not become unavailable solely because a recognition service fails or the user cannot use one input modality.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0271 | 39.4

Source p. 33

Evolving cabins accessibility and novel interfaces

Essential driving information shall be evaluated for legibility, distraction and consistency across normal and degraded states. A novel display shall not conceal uncertainty or obscure critical warnings. Changes to display logic or control mapping shall receive a delta decision where they can change rated behaviour.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0272 | 39.5

Source p. 33

Evolving cabins accessibility and novel interfaces

Occupant detection shall distinguish the safety tasks claimed, including restraint classification, child presence and emergency response. Tests shall examine relevant occlusion and non-standard permitted postures. A detection result shall not be represented as a medical diagnosis or universal occupant-health monitoring.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0273 | 39.6

Source p. 33

Evolving cabins accessibility and novel interfaces

Emergency release, escape and responder access shall remain assessed for the permitted cabin layouts after the defined loss of power and deformation. A cabin marketed for unsupervised travel shall not rely on an unavailable driver to perform the essential escape action unless the rated scope explicitly requires and validates that role.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0274 | 39.7

Source p. 33

Evolving cabins accessibility and novel interfaces

The public scope record shall identify any layout, accessibility function or operating mode excluded from coverage. Exclusion is permitted only where it does not hide an active common safety hazard. Later cabin or interface changes shall follow the configuration-based decision rules, without introducing time-based renewal.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

Annex A | Proposed criterion point schedule

CHECK 0275 | Annex A | part 1/53

Source p. 34

Proposed criterion point schedule

This schedule allocates exactly 1000 points. All allocations are proposed policy values pending Annex F validation. A criterion's allocation does not establish its missing test limits or scoring curve. Each criterion below shall have a corresponding released method and rubric before points can be awarded.

RESULT	Select result	FINDING / ACTION ID	
EVIDENCE / OBSERVED RESULT / N/A RATIONALE			

CHECK 0276 | Annex A | source schedule row | part 2/53

Source p. 34

D01.1

ID: D01.1

Criterion and scoring ownership: Driver monitoring performance

Points: 30

RESULT	Select result	FINDING / ACTION ID	
EVIDENCE / OBSERVED RESULT / N/A RATIONALE			

CHECK 0277 | Annex A | source schedule row | part 3/53

Source p. 34

D01.2

ID: D01.2

Criterion and scoring ownership: Essential controls and visual demand

Points: 15

RESULT	Select result	FINDING / ACTION ID	
EVIDENCE / OBSERVED RESULT / N/A RATIONALE			

CHECK 0278 | Annex A | source schedule row | part 4/53

Source p. 34

D01.3

ID: D01.3

Criterion and scoring ownership: Warnings and driving information

Points: 15

RESULT	Select result	FINDING / ACTION ID	
EVIDENCE / OBSERVED RESULT / N/A RATIONALE			

Requirements & evidence

CHECK 0279 | Annex A | source schedule row | part 5/53

Source p. 34

D01.4

ID: D01.4

Criterion and scoring ownership: Unresponsive driver response

Points: 10

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0280 | Annex A | source schedule row | part 6/53

Source p. 34

D02.1

ID: D02.1

Criterion and scoring ownership: Vehicle and powered two wheeler avoidance

Points: 35

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0281 | Annex A | source schedule row | part 7/53

Source p. 34

D02.2

ID: D02.2

Criterion and scoring ownership: Pedestrian and cyclist avoidance

Points: 35

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0282 | Annex A | source schedule row | part 8/53

Source p. 34

D02.3

ID: D02.3

Criterion and scoring ownership: Lane departure collision mitigation

Points: 25

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0283 | Annex A | source schedule row | part 9/53

Source p. 34

D02.4

ID: D02.4

Criterion and scoring ownership: Low speed manoeuvring protection

Points: 15

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0284 | Annex A | source schedule row | part 10/53

Source p. 34

D02.5

ID: D02.5

Criterion and scoring ownership: Defined robustness and false intervention checks

Points: 10

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0285 | Annex A | source schedule row | part 11/53

Source p. 34

D03.1

ID: D03.1

Criterion and scoring ownership: Frontal offset primary occupant protection

Points: 40

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0286 | Annex A | source schedule row | part 12/53

Source p. 34

D03.2

ID: D03.2

Criterion and scoring ownership: Full width primary occupant protection

Points: 25

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0287 | Annex A | source schedule row | part 13/53

Source p. 34

D03.3

ID: D03.3

Criterion and scoring ownership: Limited overlap and oblique loading

Points: 20

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0288 | Annex A | source schedule row | part 14/53

Source p. 34

D03.4

ID: D03.4

Criterion and scoring ownership: Vehicle partner compatibility

Points: 30

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0289 | Annex A | source schedule row | part 15/53

Source p. 34

D03.5

ID: D03.5

Criterion and scoring ownership: Released frontal robustness envelope

Points: 25

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0290 | Annex A | source schedule row | part 16/53

Source p. 34

D04.1

ID: D04.1

Criterion and scoring ownership: Near side barrier protection

Points: 30

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0291 | Annex A | source schedule row | part 17/53

Source p. 34

D04.2

ID: D04.2

Criterion and scoring ownership: Narrow object side protection

Points: 20

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0292 | Annex A | source schedule row | part 18/53

Source p. 34

D04.3

ID: D04.3

Criterion and scoring ownership: Far side protection

Points: 20

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0293 | Annex A | source schedule row | part 19/53

Source p. 34

D04.4

ID: D04.4

Criterion and scoring ownership: Rear impact protection

Points: 15

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0294 | Annex A | source schedule row | part 20/53

Source p. 34

D04.5

ID: D04.5

Criterion and scoring ownership: Rollover and occupant retention

Points: 20

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0295 | Annex A | source schedule row | part 21/53

Source p. 34

D04.6

ID: D04.6

Criterion and scoring ownership: Defined multiple event resilience

Points: 5

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0296 | Annex A | source schedule row | part 22/53

Source p. 34

D05.1

ID: D05.1

Criterion and scoring ownership: Additional small and large occupant coverage

Points: 25

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0297 | Annex A | source schedule row | part 23/53

Source p. 34

D05.2

ID: D05.2

Criterion and scoring ownership: Additional rear seating diversity

Points: 15

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0298 | Annex A | source schedule row | part 24/53

Source p. 35

D05.3

ID: D05.3

Criterion and scoring ownership: Child restraint and child occupant protection

Points: 30

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0299 | Annex A | source schedule row | part 25/53

Source p. 35

D05.4

ID: D05.4

Criterion and scoring ownership: Child presence detection and response

Points: 10

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0300 | Annex A | source schedule row | part 26/53

Source p. 35

D05.5

ID: D05.5

Criterion and scoring ownership: Out of position and classification protection

Points: 10

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0301 | Annex A | source schedule row | part 27/53

Source p. 35

D06.1

ID: D06.1

Criterion and scoring ownership: Vulnerable road user head impact protection

Points: 40

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0302 | Annex A | source schedule row | part 28/53

Source p. 35

D06.2

ID: D06.2

Criterion and scoring ownership: Pelvis and lower extremity impact protection

Points: 30

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0303 | Annex A | source schedule row | part 29/53

Source p. 35

D06.3

ID: D06.3

Criterion and scoring ownership: Local zone and active exterior performance

Points: 10

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0304 | Annex A | source schedule row | part 30/53

Source p. 35

D07.1

ID: D07.1

Criterion and scoring ownership: Post impact energy containment

Points: 30

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0305 | Annex A | source schedule row | part 31/53

Source p. 35

D07.2

ID: D07.2

Criterion and scoring ownership: Energy specific fire or propagation protection

Points: 25

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0306 | Annex A | source schedule row | part 32/53

Source p. 35

D07.3

ID: D07.3

Criterion and scoring ownership: Charging or refuelling branch performance

Points: 20

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0307 | Annex A | source schedule row | part 33/53

Source p. 35

D07.4

ID: D07.4

Criterion and scoring ownership: Hazard warning and electrical or fuel isolation

Points: 15

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0308 | Annex A | source schedule row | part 34/53

Source p. 35

D07.5

ID: D07.5

Criterion and scoring ownership: Water exposure and recovery hazard branch

Points: 10

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0309 | Annex A | source schedule row | part 35/53

Source p. 35

D08.1

ID: D08.1

Criterion and scoring ownership: Vehicle safety argument and hazard coverage

Points: 20

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0310 | Annex A | source schedule row | part 36/53

Source p. 35

D08.2

ID: D08.2

Criterion and scoring ownership: Fault response and degraded operation

Points: 25

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0311 | Annex A | source schedule row | part 37/53

Source p. 35

D08.3

ID: D08.3

Criterion and scoring ownership: Intended function limitations and misuse

Points: 15

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0312 | Annex A | source schedule row | part 38/53

Source p. 35

D08.4

ID: D08.4

Criterion and scoring ownership: Validation of permitted computational evidence

Points: 10

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0313 | Annex A | source schedule row | part 39/53

Source p. 35

D09.1

ID: D09.1

Criterion and scoring ownership: Safety relevant access and interface protection

Points: 15

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0314 | Annex A | source schedule row | part 40/53

Source p. 35

D09.2

ID: D09.2

Criterion and scoring ownership: Update integrity and safe recovery

Points: 20

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0315 | Annex A | source schedule row | part 41/53

Source p. 35

D09.3

ID: D09.3

Criterion and scoring ownership: Regression and external dependency controls

Points: 15

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0316 | Annex A | source schedule row | part 42/53

Source p. 35

D10.1

ID: D10.1

Criterion and scoring ownership: Door release and occupant access

Points: 30

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0317 | Annex A | source schedule row | part 43/53

Source p. 35

D10.2

ID: D10.2

Criterion and scoring ownership: Rescue information accuracy and access

Points: 15

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0318 | Annex A | source schedule row | part 44/53

Source p. 35

D10.3

ID: D10.3

Criterion and scoring ownership: Emergency communications performance

Points: 20

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0319 | Annex A | source schedule row | part 45/53

Source p. 35

D10.4

ID: D10.4

Criterion and scoring ownership: Post crash functions and emergency power

Points: 15

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0320 | Annex A | source schedule row | part 46/53

Source p. 35

D10.5

ID: D10.5

Criterion and scoring ownership: Defined special escape conditions

Points: 10

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0321 | Annex A | source schedule row | part 47/53

Source p. 35

D11.1

ID: D11.1

Criterion and scoring ownership: Released baseline completeness

Points: 15

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0322 | Annex A | source schedule row | part 48/53

Source p. 35

D11.2

ID: D11.2

Criterion and scoring ownership: Tested sample to production matching

Points: 15

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0323 | Annex A | source schedule row | part 49/53

Source p. 35

D11.3

ID: D11.3

Criterion and scoring ownership: Variant and family evidence

Points: 15

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0324 | Annex A | source schedule row | part 50/53

Source p. 36

D11.4

ID: D11.4

Criterion and scoring ownership: Label release identification

Points: 5

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0325 | Annex A | source schedule row | part 51/53

Source p. 36

D12.1

ID: D12.1

Criterion and scoring ownership: Enhanced traceability checks beyond admissibility

Points: 10

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0326 | Annex A | source schedule row | part 52/53

Source p. 36

D12.2

ID: D12.2

Criterion and scoring ownership: Independent reproduction of scoring

Points: 10

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0327 | Annex A | source schedule row | part 53/53

Source p. 36

D12.3

ID: D12.3

Criterion and scoring ownership: Released additional correlation checks

Points: 10

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0328 | A.1

Source p. 36

Proposed criterion point schedule

The complete domain sum shall remain fixed. Technology-specific branches shall have the same declared domain maximum and validated comparable safety objectives. If no appropriate branch exists, the profile is not operational for that architecture.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0329 | A.2

Source p. 36

Proposed criterion point schedule

Gates for A and B may demand tests beyond the point-bearing robustness criterion. Passing a threshold on points shall never substitute for those tests. The protocol shall identify whether a test affects a score, a gate or both.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0330 | A.3

Source p. 36

Proposed criterion point schedule

The computational-evidence criterion shall include a released alternative route for a fully physical evidence programme. A manufacturer shall not lose points simply because it chooses valid physical testing instead of simulation. Neither route may skip required coverage.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0331 | A.4

Source p. 36

Proposed criterion point schedule

Local-zone protection shall score the additional property explicitly assigned to D06.3, not duplicate the same head or leg metric already counted in D06.1 or D06.2. Similar ownership rules apply to occupant- diversity and energy-isolation evidence.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0332 | A.5

Source p. 36

Proposed criterion point schedule

Evidence-quality criteria shall have observable rubrics with equal access for large and small manufacturers. Essential evidence remains compulsory even where an applicant elects not to pursue additional points.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

Annex B | Controlled test protocol pack

CHECK 0333 | B1 | part 1/23

Source p. 37

Required protocol inventory

All protocol titles below carry the document identity IAF AUTOSAFE First Edition, followed by the descriptive title. Their individual revision and release date shall be controlled without assigning an additional standard number.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0334 | B1 | source schedule row | part 2/23

Source p. 37

Vehicle Category Profiles

Protocol title: Vehicle Category Profiles

Required controlled subject: Applicability, loading, seating and fixed scoring branches

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0335 | B1 | source schedule row | part 3/23

Source p. 37

Production Identity and Sampling

Protocol title: Production Identity and Sampling

Required controlled subject: Baseline identification, representative selection and custody

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0336 | B1 | source schedule row | part 4/23

Source p. 37

Measurement and Test Validity

Protocol title: Measurement and Test Validity

Required controlled subject: Instrumentation, processing, uncertainty and repeat rules

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0337 | B1 | source schedule row | part 5/23

Source p. 37

Virtual Evidence Validation

Protocol title: Virtual Evidence Validation

Required controlled subject: Simulation, digital twins, physical correlation and acceptance bands

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0338 | B1 | source schedule row | part 6/23

Source p. 37

Safe Driving and Human Factors

Protocol title: Safe Driving and Human Factors

Required controlled subject: Driver supervision, essential controls and user tasks

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0339 | B1 | source schedule row | part 7/23

Source p. 37

Crash Avoidance

Protocol title: Crash Avoidance

Required controlled subject: Controlled scenarios, adverse conditions and dangerous intervention

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0340 | B1 | source schedule row | part 8/23

Source p. 37

Frontal Protection and Compatibility

Protocol title: Frontal Protection and Compatibility

Required controlled subject: Frontal loading, occupants and impact-partner effects

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0341 | B1 | source schedule row | part 9/23

Source p. 37

Side Rear and Rollover Protection

Protocol title: Side Rear and Rollover Protection

Required controlled subject: Lateral, rear, rollover and defined multiple-event tests

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0342 | B1 | source schedule row | part 10/23

Source p. 37

Occupant Diversity and Cabin Safety

Protocol title: Occupant Diversity and Cabin Safety

Required controlled subject: Child protection, diverse occupants and permitted cabin layouts

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0343 | B1 | source schedule row | part 11/23

Source p. 37

Vulnerable Road User Protection

Protocol title: Vulnerable Road User Protection

Required controlled subject: Exterior impact zones and active exterior protection

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0344 | B1 | source schedule row | part 12/23

Source p. 37

Energy and Fire Safety

Protocol title: Energy and Fire Safety

Required controlled subject: Energy-specific electrical, thermal, pressure and containment tests

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0345 | B1 | source schedule row | part 13/23

Source p. 37

Functional Safety

Protocol title: Functional Safety

Required controlled subject: Faults, intended-function limitations and degraded operation

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0346 | B1 | source schedule row | part 14/23

Source p. 37

AI Safety

Protocol title: AI Safety

Required controlled subject: Model and data evidence, robustness, uncertainty and change boundaries

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0347 | B1 | source schedule row | part 15/23

Source p. 37

Automated Driving

Protocol title: Automated Driving

Required controlled subject: Operational domain, transitions, fallback and remote assistance

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0348 | B1 | source schedule row | part 16/23

Source p. 37

Connected Vehicle Resilience

Protocol title: Connected Vehicle Resilience

Required controlled subject: External dependencies, communication loss and safe local behaviour

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0349 | B1 | source schedule row | part 17/23

Source p. 37

Cybersecurity and Software Integrity

Protocol title: Cybersecurity and Software Integrity

Required controlled subject: Authorized security evaluation, update and recovery tests

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0350 | B1 | source schedule row | part 18/23

Source p. 37

Post Crash Rescue and Escape

Protocol title: Post Crash Rescue and Escape

Required controlled subject: Access, release, emergency power and rescue information

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0351 | B1 | source schedule row | part 19/23

Source p. 37

Emerging Structures and Materials

Protocol title: Emerging Structures and Materials

Required controlled subject: New load paths, structural energy storage and damage sensitivity

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0352 | B1 | source schedule row | part 20/23

Source p. 37

Initial Production Equivalence

Protocol title: Initial Production Equivalence

Required controlled subject: Sample matching and family or supplier equivalence

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0353 | B1 | source schedule row | part 21/23

Source p. 37

Scoring and Class Decisions

Protocol title: Scoring and Class Decisions

Required controlled subject: Point functions, floors, gate caps and calculation reference

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0354 | B1 | source schedule row | part 22/23

Source p. 37

Certificates and Labels

Protocol title: Certificates and Labels

Required controlled subject: Record identity, coverage, artwork and permitted claims

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0355 | B1 | source schedule row | part 23/23

Source p. 37

Protected Vehicle Supplement

Protocol title: Protected Vehicle Supplement

Required controlled subject: Separate specialist assessment of explicitly bounded threats

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0356 | B.2.1

Source p. 37

Controlled test protocol pack

Each protocol shall state its purpose, safety mechanism, applicability, exclusions, revision, validation status and whether it supports a point criterion, a gate or both. The controlled test identifier shall follow each resulting evidence item.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0357 | B.2.2

Source p. 38

Controlled test protocol pack

Sample preparation shall specify condition, loading, tyres, energy state, temperature, occupant setup, software and system mode. It shall identify permitted tolerances and the action required if an actual value falls outside them.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0358 | B.2.3

Source p. 38

Controlled test protocol pack

Apparatus specifications shall identify barrier or target characteristics, instrumentation, dummy or model qualification, calibration, fixture, road surface and relevant environmental conditions. Equipment substitution requires a released equivalence rule.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0359 | B.2.4

Source p. 38

Controlled test protocol pack

Execution shall define the sequence, measurements, synchronization, permitted repeats, abort conditions and personnel safety controls. It shall distinguish invalid execution from a valid adverse vehicle response.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0360 | B.2.5

Source p. 38

Controlled test protocol pack

Processing shall define inputs, units, signs, filters, derived metrics, time windows, aggregation and numerical precision. Missing or saturated channels shall have a predetermined disposition.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0361 | B.2.6

Source p. 38

Controlled test protocol pack

Acceptance shall identify common limits, class-specific limits, points curves, modifiers and interactions. The method shall state which values are biomechanically validated, which are engineering acceptance limits and which are policy-based scoring choices.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0362 | B.2.7

Source p. 38

Controlled test protocol pack

The report shall contain results, uncertainty, deviations, validity, score and gate outcomes with direct links to retained raw evidence. A competent independent reviewer shall be able to reproduce the decision from the package.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0363 | B3 | part 1/8

Source p. 38

Parameter release worksheet

The following worksheet is a required completion record, not permission to choose private numerical limits.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0364 | B3 | source schedule row | part 2/8

Source p. 38

Crash geometry and severity

Parameter family: Crash geometry and severity

Items to release: Speed overlap angle partner mass barrier and load state

Required justification: Scenario relevance apparatus validation and injury measurement validity

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0365 | B3 | source schedule row | part 3/8

Source p. 38

Injury interpretation

Parameter family: Injury interpretation

Items to release: Metric units sensor filtering risk curve and body region limits

Required justification: Biomechanical source model population and uncertainty

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0366 | B3 | source schedule row | part 4/8

Source p. 38

Structural acceptance

Parameter family: Structural acceptance

Items to release: Intrusion location direction survival space and integrity criteria

Required justification: Injury mechanism and repeatable measurement

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0367 | B3 | source schedule row | part 5/8

Source p. 38

Avoidance performance

Parameter family: Avoidance performance

Items to release: Target trajectories speeds friction environment and outcome scale

Required justification: Scenario coverage target validity and repeatability

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0368 | B3 | source schedule row | part 6/8

Source p. 38

Fire and energy

Parameter family: Fire and energy

Items to release: Fault or damage state observation conditions warning and isolation limits

Required justification: Relevant hazard mechanism and measurement method

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0369 | B3 | source schedule row | part 7/8

Source p. 38

Escape and rescue

Parameter family: Escape and rescue

Items to release: Damage state power state user task and success criteria

Required justification: User capability responder input and repeatable task definition

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0370 | B3 | source schedule row | part 8/8

Source p. 38

Computation

Parameter family: Computation

Items to release: Model qualification correlation and acceptance bands

Required justification: Physical anchors sensitivity and independent review

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

Annex C | Operational forms and record requirements

CHECK 0371 | Annex C

Source p. 39

Operational forms and record requirements

These forms are part of the working file. Each completed record shall use its own identifier and revision. The fields below are requirements for information capture, not blank issued certificates or evidence that any vehicle has passed.

RESULT	Select result	FINDING / ACTION ID	
EVIDENCE / OBSERVED RESULT / N/A RATIONALE			

CHECK 0372 | C1

Source p. 39

Application and programme scope

Responsible organization Applicant legal name: [complete]. Manufacturer and production responsibility: [complete]. Authorized technical contact: [complete]. Applicant's right to use the submitted evidence: [complete]. Vehicle and market Make and model: [complete]. Generation and baseline ID: [complete]. Category profile: [complete]. Markets and drive side: [complete]. Intended production-release boundary: [complete]. Requested family and package coverage: [complete]. Programme commitments The applicant shall attach the variant schedule, fitment schedule, known relevant limitations, legal- compliance register and proposed evidence sources. It shall acknowledge independent sample control, factual review without result negotiation, result-publication rules and the absence of calendar renewal. Release authority and date: [complete]. IAF completeness reviewer and programme ID: [complete]. Open items and resolution owner: [complete].

RESULT	Select result	FINDING / ACTION ID	
EVIDENCE / OBSERVED RESULT / N/A RATIONALE			

CHECK 0373 | C2 | source schedule row | part 1/9

Source p. 39

Identification

Field group: Identification

Required entries: Baseline revision generation body drive side market and seating

RESULT	Select result	FINDING / ACTION ID	
EVIDENCE / OBSERVED RESULT / N/A RATIONALE			

Requirements & evidence

CHECK 0374 | C2 | source schedule row | part 2/9

Source p. 39

Structure

Field group: Structure

Required entries: Relevant material revisions joints load paths and geometry

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0375 | C2 | source schedule row | part 3/9

Source p. 39

Occupant systems

Field group: Occupant systems

Required entries: Seat restraint airbag anchorage and controller identities

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0376 | C2 | source schedule row | part 4/9

Source p. 39

Dynamics

Field group: Dynamics

Required entries: Brakes steering suspension tyre and wheel range

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0377 | C2 | source schedule row | part 5/9

Source p. 39

Energy

Field group: Energy

Required entries: Powertrain battery or storage specification mass and hazard branch

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0378 | C2 | source schedule row | part 6/9

Source p. 39

Software

Field group: Software

Required entries: Safety relevant version calibration configuration and dependencies

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0379 | C2 | source schedule row | part 7/9

Source p. 39

Manufacturing

Field group: Manufacturing

Required entries: Site critical sources released specification and matching evidence

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0380 | C2 | source schedule row | part 8/9

Source p. 39

Unit coverage

Field group: Unit coverage

Required entries: VIN or build rule first covered unit and exclusions

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0381 | C2 | part 9/9

Source p. 39

Production baseline record

The baseline shall be signed by the manufacturer's release authority and accepted by the technical reviewer before it is used as the basis for label authorization.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0382 | C3

Source p. 40

Applicability and evidence decision sheet

For each requirement, record the following entries in sequence: requirement ID; category and configuration; required safety outcome; applicability status; protocol branch; proposed evidence ID; reason for any equivalent method; required data gaps; reviewer; disposition. Approved statuses are Required, Equivalent Method Approved and Not Applicable Under Profile Rule. Not Tested and Evidence Missing are evidence states and shall not be used as applicability exclusions. An unresolved required item blocks the relevant decision. The reviewer shall state whether an approved exclusion changes test execution only or uses an explicit alternative scoring branch. It shall never authorize an undocumented reduction in the denominator.

RESULT	Select result	FINDING / ACTION ID	
EVIDENCE / OBSERVED RESULT / N/A RATIONALE			

CHECK 0383 | C4

Source p. 40

Sample and test record

Test ID: [complete]. Sample ID and custody reference: [complete]. Baseline match: [complete]. Laboratory and relevant competence: [complete]. Protocol revision: [complete]. Preparation and actual conditions: [complete]. Software snapshot and permitted remote functions: [complete]. Instrumentation and calibration: [complete]. Raw data and video references: [complete]. Execution validity: [valid / invalid / unresolved, with reason]. Performance measurements and uncertainty: [complete]. Deviations: [complete]. Scoring criterion and gate effect: [complete]. Responsible test engineer and independent reviewer: [complete]. A result shall not be marked invalid solely because it is unfavourable. If a repeat is authorized, attach the repeat-rule reference and preserve the original record.

RESULT	Select result	FINDING / ACTION ID	
EVIDENCE / OBSERVED RESULT / N/A RATIONALE			

CHECK 0384 | C5

Source p. 40

Rating calculation and decision sheet

Record one line for every Annex A criterion: maximum points, admissible evidence, measured inputs, rubric or function revision, modifiers, awarded points and calculation reference. Record each domain's unrounded percentage and the complete total. For every class from A downward, record: total threshold met; all domain floors met; common gates passed; class-specific gates passed; required technology methods completed; complete required evidence; allowed decision. Final result: [class or unrated status]. Restricting condition: [complete]. Public total: [complete or deliberately omitted with reason]. Covered baseline and variants: [complete]. Technical reviewer: [complete]. Independent decision authority: [complete]. The system shall preserve the calculation version and its input record. A public class may not be issued from a manually typed letter without its reproducible decision sheet.

RESULT	Select result	FINDING / ACTION ID	
EVIDENCE / OBSERVED RESULT / N/A RATIONALE			

Requirements & evidence

CHECK 0385 | C6

Source p. 40-41

Vehicle Test and Rating Certificate content

SPECIMEN CONTENT ONLY - NOT AN ISSUED CERTIFICATE IAF AUTOSAFE Vehicle Test and Rating Certificate. Rating ID and revision: [complete]. Issue date: [complete]. Assessment edition and profile: [complete]. Manufacturer: [complete]. Make, model and generation: [complete]. Baseline and configuration schedule reference: [complete]. Markets and production boundary: [complete]. Assessed class: [assigned only after release]. Total and domain scorecard reference: [complete]. Class conditions and exclusions: [complete]. Protected designation, if separately supported: [complete or omit]. Verification record: [complete]. Decision authority: [complete]. Required scope statement This document records test and assessment results for the production configuration identified in its coverage schedule. It has no calendar expiry. Its label may be used only for vehicles matching that scope and subject to any recorded correction or restriction. Material technical changes require a coverage decision. The rating does not guarantee survival or freedom from injury and does not certify the present condition of an individual used vehicle. No expiry, renewal or routine audit field shall be added. A date field shall identify an actual event such as issue, test execution or configuration release.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0386 | C7

Source p. 41

Consumer scorecard

The scorecard shall show: class letter; test edition; make, model and generation; market; relevant safety package; powertrain and seating coverage; twelve domain results; common and higher-class gate findings; the test scenarios completed; material limits; rating record status; and verification reference. Plain-language explanation: The class describes performance in the specified assessment. The test edition matters. A result for another package, generation or software configuration may not apply to this vehicle. Inspect the coverage record before relying on the class in a purchase comparison. If a class changes after a correction, the scorecard shall show the previous result, corrected result, reason and affected configurations. It shall not hide a restriction behind a broken link or a replacement marketing page.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0387 | C8

Source p. 41

Change and delta decision

Existing rating and baseline: [complete]. Proposed new baseline: [complete]. Description and reason for change: [complete]. First affected production boundary: [complete]. Safety mechanisms affected: [complete]. Criteria and gates affected: [complete]. Interaction analysis: [complete]. Original evidence still applicable: [complete]. New evidence required: [complete]. Decision category: [administrative / equivalent / safety-relevant delta / new assessment object]. Tests and reviewers: [complete]. Coverage outcome and record revision: [complete]. Permission to label changed units: [approved / not approved, with scope].

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0388 | C9

Source p. 41-42

Incident and correction record

Trigger and evidence received: [complete]. Known baseline and affected population: [complete]. Credible immediate risk and precautionary action: [complete]. Investigation question: [complete]. Additional evidence, inspection or test: [complete]. Findings and uncertainty: [complete]. Effect on historical result: [complete]. Effect on current label authorization: [complete]. Public notice and configuration boundary: [complete]. Applicant response: [complete]. Independent decision: [complete]. Appeal route: [complete]. Conditions for resolving any restriction: [complete].

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0389 | C10

Source p. 42

Existing laboratory evidence acceptance record

Originating laboratory and report ID: [complete]. Test method edition and tested variant: [complete]. Fitment and software: [complete]. Raw evidence access and permission: [complete]. AUTOSAFE criterion mapped: [complete]. Common physical mechanism and method differences: [complete]. Measurement and scoring differences: [complete]. Gaps and new tests: [complete]. Approved use and limitations: [complete]. The record shall accept only the identified underlying evidence for the listed AUTOSAFE requirements. It shall not import an external class or substitute a certificate summary for measurements. Each score and gate decision shall be calculated under this edition's released methods.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0390 | C11

Source p. 42

Technology inventory and applicability record

Configuration and operating modes: [complete]. Safety-relevant functions and authority: [complete]. Fitted, disabled and separately activatable capabilities: [complete]. Onboard, roadside, remote and cloud dependencies: [complete]. For each technology, record: hazard mechanism; applicable clauses; named released protocol; criterion and gate ownership; physical and virtual evidence; limitations; unresolved items; responsible reviewer. A claim of not applicable shall include the category rule and supporting evidence. Coverage decision: [assessed / disabled in covered configuration / issue blocked]. Public scope wording: [complete]. Change triggers and original baseline reference: [complete].

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0391 | C12

Source p. 43

AI model and adaptation record

Function and vehicle baseline: [complete]. Model fingerprint and execution environment: [complete]. Data lineage and independent evaluation set: [complete]. Evaluated conditions and user groups: [complete]. Safety constraints and output authority: [complete]. Measured failures, uncertainty and fallback evidence: [complete]. Permitted adaptive parameters and envelope: [complete or adaptation disabled]. Boundary-departure response: [complete]. Model, data or platform changes requiring review: [complete]. Reviewer and disposition: [complete].

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0392 | C13

Source p. 43

Automated and connected operation record

Function, supervision role and operational domain: [complete]. Entry, exit, takeover and fallback tests: [complete]. Remote assistance or direct driving authority: [complete or not fitted]. Communication delay, loss, stale information and restoration evidence: [complete]. Shared resources and fault scenarios: [complete]. Necessary external service and commercial dependencies: [complete]. Verified local failure response: [complete]. Assessed modes, exclusions and label wording: [complete]. Supporting protocol and release decision: [complete].

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0393 | C14

Source p. 43

Virtual evidence acceptance record

Model identity, physical baseline and context of use: [complete]. Calibration set and independent validation set: [complete]. Physical correlation, acceptance bands and uncertainty: [complete]. Scenario origin, coverage and replay controls: [complete]. Adverse results and model limitations: [complete]. Criterion or gate supported: [complete]. Remaining physical tests: [complete]. Independent reproducibility result and approving reviewer: [complete]. An accepted model shall not imply acceptance outside its recorded context of use.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

Annex E | Stakeholder safeguards

CHECK 0394 | Annex E | source schedule row | part 1/11

Source p. 46

Vehicle buyer

Stakeholder: Vehicle buyer

Safeguard written into the system: Visible edition and package scope; no survival guarantee; verifiable class and correction history.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0395 | Annex E | source schedule row | part 2/11

Source p. 46

Manufacturer

Stakeholder: Manufacturer

Safeguard written into the system: No calendar renewal; proportionate delta testing; factual review and independent appeal.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0396 | Annex E | source schedule row | part 3/11

Source p. 46

Small or specialist producer

Stakeholder: Small or specialist producer

Safeguard written into the system: Competence-based evidence routes; no membership advantage; category-specific methods rather than unsupported exemptions.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0397 | Annex E | source schedule row | part 4/11

Source p. 46

Laboratory

Stakeholder: Laboratory

Safeguard written into the system: Controlled methods, explicit validity rules, custody and protection from result manipulation.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0398 | Annex E | source schedule row | part 5/11

Source p. 46

Technical reviewer

Stakeholder: Technical reviewer

Safeguard written into the system: Reproducible calculations, fixed gates and documented interpretation route.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0399 | Annex E | source schedule row | part 6/11

Source p. 46

Rescuer

Stakeholder: Rescuer

Safeguard written into the system: Correct configuration-specific emergency information and assessed access conditions.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0400 | Annex E | source schedule row | part 7/11

Source p. 46

Road user outside the vehicle

Stakeholder: Road user outside the vehicle

Safeguard written into the system: Compatibility and vulnerable road-user requirements that cannot be erased by self- protection scores.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0401 | Annex E | source schedule row | part 8/11

Source p. 46

Regulator

Stakeholder: Regulator

Safeguard written into the system: Clear separation between consumer rating and legal market authorization.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0402 | Annex E | source schedule row | part 9/11

Source p. 46

Used vehicle owner

Stakeholder: Used vehicle owner

Safeguard written into the system: Preserved original result without a false claim that the individual vehicle's present condition was assessed.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0403 | Annex E | source schedule row | part 10/11

Source p. 46

Scheme owner

Stakeholder: Scheme owner

Safeguard written into the system: Traceable decisions, controlled claims, technical release gates and bounded correction powers.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0404 | Annex E | part 11/11

Source p. 46

Stakeholder safeguards

The objective is fair and explainable treatment, not a promise that every applicant will like the outcome. Equal rules and complete reasons shall take precedence over commercial pressure to award a higher class.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

Annex F | Technical release register

CHECK 0405 | Annex F | part 1/19

Source p. 47

Technical release register

This is the operational release gate for the working document. None of the items below is assumed completed. The record shall be updated with actual approved evidence before public ratings are permitted.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0406 | Annex F | source schedule row | part 2/19

Source p. 47

R01 Category profile

Release item: R01 Category profile

Required closure evidence: Adopted scope, variant rules and complete energy branches

Current working status: Open

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0407 | Annex F | source schedule row | part 3/19

Source p. 47

R02 Injury criteria

Release item: R02 Injury criteria

Required closure evidence: Validated metrics, body regions, limits, populations and uncertainty

Current working status: Open

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0408 | Annex F | source schedule row | part 4/19

Source p. 47

R03 Impact suite

Release item: R03 Impact suite

Required closure evidence: Released geometry, severity, apparatus and repeatability evidence

Current working status: Open

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0409 | Annex F | source schedule row | part 5/19

Source p. 47

R04 A and B extension

Release item: R04 A and B extension

Required closure evidence: Validated extended envelopes and class-specific ceilings

Current working status: Open

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0410 | Annex F | source schedule row | part 6/19

Source p. 47

R05 Avoidance methods

Release item: R05 Avoidance methods

Required closure evidence: Controlled scenario coverage, false intervention and robustness rules

Current working status: Open

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0411 | Annex F | source schedule row | part 7/19

Source p. 47

R06 Energy and rescue

Release item: R06 Energy and rescue

Required closure evidence: Released hazard states, observation rules and escape criteria

Current working status: Open

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0412 | Annex F | source schedule row | part 8/19

Source p. 47

R07 Scoring functions

Release item: R07 Scoring functions

Required closure evidence: Complete point curves, modifiers, domain floors and gate caps

Current working status: Open

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0413 | Annex F | source schedule row | part 9/19

Source p. 47

R08 Criterion ownership

Release item: R08 Criterion ownership

Required closure evidence: No duplicate points or unsupported exclusions

Current working status: Open

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0414 | Annex F | source schedule row | part 10/19

Source p. 47

R09 Laboratory correlation

Release item: R09 Laboratory correlation

Required closure evidence: Acceptable reproducibility for decisive methods

Current working status: Open

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0415 | Annex F | source schedule row | part 11/19

Source p. 47

R10 Independent class validation

Release item: R10 Independent class validation

Required closure evidence: Scientific justification and vehicle measurements supporting the AUTOSAFE class limits

Current working status: Open

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0416 | Annex F | source schedule row | part 12/19

Source p. 47

R11 Evidence competence

Release item: R11 Evidence competence

Required closure evidence: Named competent facilities, reviewers and decision authorities

Current working status: Open

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0417 | Annex F | source schedule row | part 13/19

Source p. 47

R12 Operational records

Release item: R12 Operational records

Required closure evidence: Verified scope registry, calculation reference and label controls

Current working status: Open

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0418 | Annex F | source schedule row | part 14/19

Source p. 47

R13 Consultation and rights

Release item: R13 Consultation and rights

Required closure evidence: Disposed comments and necessary protocol-use permissions

Current working status: Open

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0419 | Annex F | source schedule row | part 15/19

Source p. 47

R14 Formal adoption

Release item: R14 Formal adoption

Required closure evidence: Approved complete document set and recorded release decision

Current working status: Open

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0420 | Annex F | source schedule row | part 16/19

Source p. 47

R15 Automation and AI

Release item: R15 Automation and AI

Required closure evidence: Released operational domains, scenario coverage, AI evidence rules and fallback methods for fitted functions

Current working status: Open

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0421 | Annex F | source schedule row | part 17/19

Source p. 47

R16 Connected architectures

Release item: R16 Connected architectures

Required closure evidence: Validated communication loss, remote authority, update and shared- resource failure tests

Current working status: Open

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0422 | Annex F | source schedule row | part 18/19

Source p. 48

R17 Emerging energy and cabins

Release item: R17 Emerging energy and cabins

Required closure evidence: Released methods for the installed energy, structure and permitted occupant configurations

Current working status: Open

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0423 | Annex F | source schedule row | part 19/19

Source p. 48

R18 Virtual evidence

Release item: R18 Virtual evidence

Required closure evidence: Qualified tools, physical correlation, independent scenario sets and scoring ownership

Current working status: Open

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0424 | F.1

Source p. 48

Technical release register

A parameter is closed only when the appropriate technical authority approves a dated, controlled specification with its supporting evidence. A draft number typed into a table is not closure.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0425 | F.2

Source p. 48

Technical release register

Pilot vehicles shall represent different sizes, structures, propulsion systems and expected performance levels. Pilot reports shall examine boundary effects and whether plausible technical changes produce sensible score changes. The plan shall be chosen for scientific adequacy, not an invented universal minimum count.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0426 | F.3

Source p. 48

Technical release register

Methods decisive for A, B or C shall receive independent correlation and the relevant biomechanical, control-system or energy-hazard review. An absence of serious events in a small sample of road use shall not replace this work.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0427 | F.4

Source p. 48

Technical release register

The proposed weights and floors may be revised after validation. Any change shall be documented before operational release. Once a live programme begins, the scoring basis shall not be adjusted privately to achieve a desired result.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0428 | F.5

Source p. 48

Technical release register

If a protected-vehicle supplement is not ready, it may remain unavailable without blocking release of a properly validated road-vehicle profile. No protective claim shall appear in the road label while that supplement remains unreleased.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

Annex G | Technical evidence and reference register

CHECK 0429 | G1

Source p. 49

Independent technical basis

AUTOSAFE requirements, scoring and class decisions are established by this edition and its released protocol pack. Engineering references may support measurement validity, hazard analysis or laboratory competence. They do not define an AUTOSAFE class and their use does not imply endorsement of this system.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0430 | G.1

Source p. 49

Technical evidence and reference register

Each adopted reference shall have a register entry stating its publisher, full title, edition, applicable part, technical purpose, access rights and the AUTOSAFE requirement supported. A broad citation to an entire field shall not replace the specific measurement or acceptance rule.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0431 | G.2

Source p. 49

Technical evidence and reference register

The technical authority shall review the complete relevant content before incorporating a requirement. An abstract, catalogue entry or search summary shall not establish clause-level conformity. Required permissions and technical differences shall be resolved before the protocol is released.

RESULT FINDING / ACTION ID EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0432 | G2

Source p. 49

AI engineering resources for technical development

ISO/PAS 8800:2024, Road vehicles Safety and artificial intelligence, is a technical resource for examination of AI-related vehicle hazards. Its official catalogue describes safety-related AI systems and interactions affecting vehicle safety. It does not supply the AUTOSAFE point schedule or class thresholds. Source: <https://www.iso.org/standard/83303.html> The NIST AI Risk Management Framework and its Generative Artificial Intelligence Profile provide voluntary resources for AI risk evaluation. They may inform technical development of AI evidence and misuse scenarios; they are not vehicle test approval or AUTOSAFE rating criteria. Source: <https://www.nist.gov/itl/ai-risk-management-framework>

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0433 | G.3

Source p. 49

Technical evidence and reference register

Resources listed for technical development are informative until their exact use is approved in the controlled reference register. The first-edition requirements for AI, automation and digital evidence shall be validated through the AUTOSAFE release process; referencing a resource shall not close an open item in Annex F.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0434 | G.4

Source p. 49

Technical evidence and reference register

The evidence register shall distinguish independent technical literature, applicant design information, commissioned tests and released IAF methods. For every numerical acceptance limit, it shall retain the supporting scientific model or engineering rationale, uncertainty, applicable population and approving authority.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0435 | G.5

Source p. 49

Technical evidence and reference register

Method validation shall preserve favourable and adverse results, failed correlations, limitations and corrective decisions. Publication of a method title alone shall not establish its reliability or completeness. The accessible public record shall identify the adopted assessment basis without exposing protected design data.

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

Annex H | Technology applicability and evidence matrix

CHECK 0436 | Annex H | part 1/11

Source p. 50

Technology applicability and evidence matrix

This matrix routes fitted technology to existing domains. It creates no additional points. Each required test shall have one identified score owner and any separately defined gate effects.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0437 | Annex H | source schedule row | part 2/11

Source p. 50

Automated driving

Technology family: Automated driving

Required evidence focus: Operational limits, transitions, fallback, human interaction and end-to-end vehicle behaviour

Domain ownership: D01 D02 D08

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0438 | Annex H | source schedule row | part 3/11

Source p. 50

AI and learning systems

Technology family: AI and learning systems

Required evidence focus: Model identity, representative independent data, uncertainty, robustness and bounded change

Domain ownership: D08 with D01 D02 for measured driving outcomes

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0439 | Annex H | source schedule row | part 4/11

Source p. 50

Remote assistance and connected services

Technology family: Remote assistance and connected services

Required evidence focus: Authority, communication loss, stale data and safe local response

Domain ownership: D08 D09 with D10 for emergency delivery

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0440 | Annex H | source schedule row | part 5/11

Source p. 50

Software defined and by wire architecture

Technology family: Software defined and by wire architecture

Required evidence focus: Fault response, timing, shared-resource independence and update recovery

Domain ownership: D08 D09

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0441 | Annex H | source schedule row | part 6/11

Source p. 50

New battery chemistry and bidirectional power

Technology family: New battery chemistry and bidirectional power

Required evidence focus: Installed energy hazards, warning, containment, isolation and interface failure

Domain ownership: D07 with D10 for escape

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0442 | Annex H | source schedule row | part 7/11

Source p. 50

Hydrogen and other energy carriers

Technology family: Hydrogen and other energy carriers

Required evidence focus: Containment, venting, interaction hazards and rescue information

Domain ownership: D07 D10

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0443 | Annex H | source schedule row | part 8/11

Source p. 50

Structural energy storage and new materials

Technology family: Structural energy storage and new materials

Required evidence focus: Crash load paths, damage sensitivity, fire interaction and production equivalence

Domain ownership: D03 D04 D07 D11

RESULT

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0444 | Annex H | source schedule row | part 9/11

Source p. 50

Digital twins and generated scenarios

Technology family: Digital twins and generated scenarios

Required evidence focus: Model validity, independent physical correlation and reproducible calculations

Domain ownership: D08 D12 plus the physical domain supported

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0445 | Annex H | source schedule row | part 10/11

Source p. 50

Reconfigurable cabins and novel interfaces

Technology family: Reconfigurable cabins and novel interfaces

Required evidence focus: Permitted occupancy, restraint coverage, task usability and power-loss escape

Domain ownership: D01 D05 D10

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0446 | Annex H | source schedule row | part 11/11

Source p. 50

Unlisted emerging technology

Technology family: Unlisted emerging technology

Required evidence focus: Hazard inventory, applicability decision and validated method before rating use

Domain ownership: Assigned under Clause 33

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0447 | H.1

Source p. 50

Technology applicability and evidence matrix

Domain ownership shall follow the measured safety outcome. A technology appearing in several domains shall not receive duplicate points for one measurement. A gate may span domains only where its separate effect is explicitly defined.

RESULT

Select result

FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Requirements & evidence

CHECK 0448 | H.2

Source p. 50

Technology applicability and evidence matrix

If a technology is absent, the approved category branch shall specify the applicable equivalent outcome and preserve the fixed domain maximum. Absence of a particular implementation shall not earn automatic points or justify skipping a common safety requirement.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

CHECK 0449 | H.3

Source p. 50

Technology applicability and evidence matrix

The technology coverage record shall identify assessed operating modes, software and model versions, interfaces, energy configuration and any disabled capability. The public letter alone shall not be used as proof that every feature or future update has been tested.

RESULT FINDING / ACTION ID

EVIDENCE / OBSERVED RESULT / N/A RATIONALE

Findings & corrective action

Use one record per finding. Link every affected checklist ID and source clause. Add identified continuation records for further findings. Preserve the original result and document retest evidence before closure.

CORRECTIVE ACTION RECORD 1

FINDING ID

CHECK / CLAUSE IDS

SOURCE SEVERITY / GATE

OBSERVATION, REQUIREMENT AND OBJECTIVE EVIDENCE

IMMEDIATE CONTAINMENT / AFFECTED CONFIGURATIONS

ROOT CAUSE AND CORRECTIVE ACTION

RESPONSIBLE OWNER / DUE DATE

RETEST EVIDENCE / REVIEWER / CLOSURE DATE

CORRECTIVE ACTION RECORD 2

FINDING ID

CHECK / CLAUSE IDS

SOURCE SEVERITY / GATE

OBSERVATION, REQUIREMENT AND OBJECTIVE EVIDENCE

IMMEDIATE CONTAINMENT / AFFECTED CONFIGURATIONS

ROOT CAUSE AND CORRECTIVE ACTION

RESPONSIBLE OWNER / DUE DATE

RETEST EVIDENCE / REVIEWER / CLOSURE DATE

Assessment conclusion & review

Summarize the assessed scope and source-specific decision. Counts are manual cross-checks and do not override an unresolved requirement, critical gate, score cap or mandatory evidence condition.

APPLICABLE CHECKS

PASS

FAIL

NOT DEMONSTRATED

NOT APPLICABLE

OPEN CRITICAL GATES / BLOCKED CONFIGURATIONS / REASSESSMENT TRIGGERS

ASSESSMENT LIMITATIONS, EXCLUSIONS AND UNRESOLVED EVIDENCE

SOURCE-SPECIFIC CONCLUSION AND SUPPORTING DECISION RECORD

- ☐ All applicable check records and source dependencies have been reviewed.
- ☐ No unresolved critical failure is being accepted through averaging or a general pass count.
- ☐ The conclusion is restricted to the identified scope, configuration, evidence and draft status.

ASSESSOR NAME / ROLE

INDEPENDENT REVIEWER NAME / ROLE

ASSESSOR SIGN-OFF (TYPED NAME)

REVIEWER SIGN-OFF (TYPED NAME)

DATE

DATE

Sign-off fields accept typed names; they are not cryptographic digital-signature fields. Apply the organization's approved signing process where a formal signature is required. Final conformity, certification or label authorization remains subject to the source scheme and its adoption controls.

Continuation & additional evidence

Identify every continuation record and its parent checklist or finding. Additional sheets may be retained as separately identified evidence; preserve the link in the parent field.

CHECK / FINDING ID AND CONTINUATION REFERENCE

ADDITIONAL EVIDENCE, MEASUREMENTS, RATIONALE OR VERIFICATION

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