



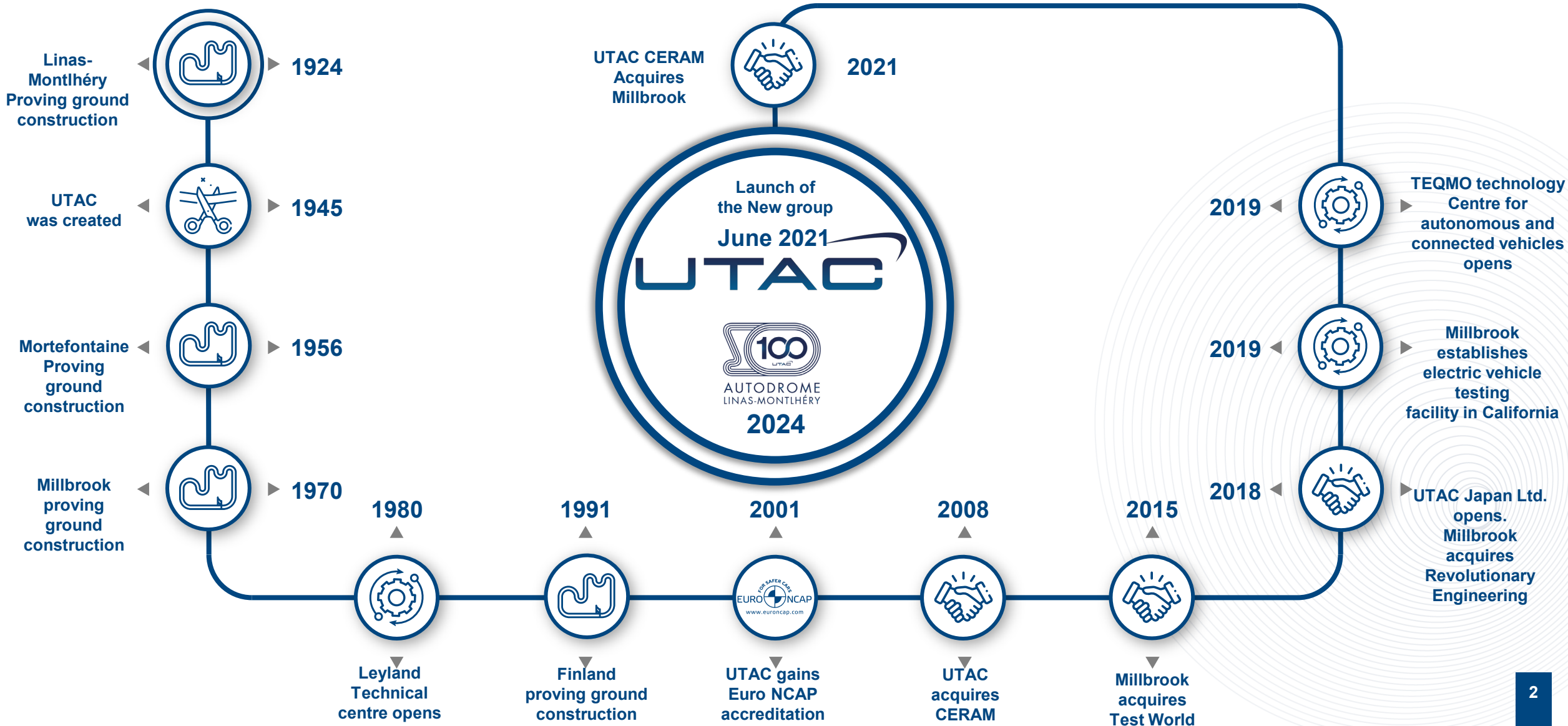
Requirements Concerning Technical Services (1958 Agreement)

November 28, 2023

UTAC
Masakatsu Kawakita



UTAC Introduction – Almost a Century of Operations



PROVING GROUNDS

UTAC
LINAS MONTLHERY



UTAC
MORTEFONTAINE



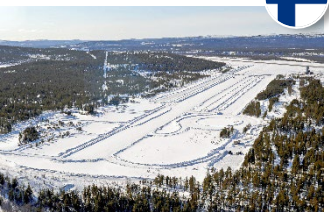
UTAC
MILLBROOK



UTAC
MOROCCO



UTAC
IVALO AIRPORT



UTAC
IVALO MELLATRACK



LABORATORIES

UTAC
CALIFORNIA



UTAC
LEYLAND



UTAC
MICHIGAN



UTAC
GERMANY



UTAC
CHINA



OPENING
2024

OFFICES

UTAC
JAPAN



UTAC
SOUTH KOREA



UTAC
CHINA



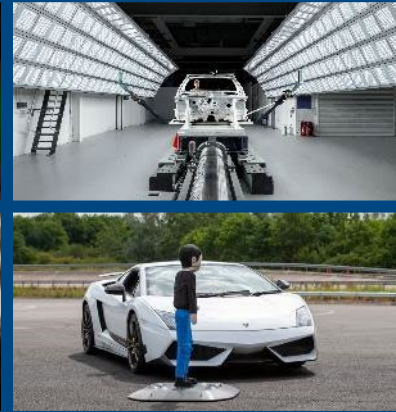
Regulatory Expertise



Type Approval



NCAP



Conformity of Production Audits



Market Surveillance



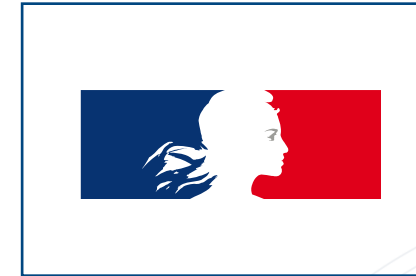
BNA
GROUPE UTAC
Standardization

UTAC
CERTIFICATION

UTAC
ORGANISME TECHNIQUE CENTRAL
Vehicle Inspection



UTAC Introduction – Designated as EU/UN Technical Service (Categories A, B, C, D)



**France: CNRV – DGEC
(E2)**



**The Netherlands: RDW
(E4)**



**UK: VCA
(E11)**



**Luxembourg: SNCH
(E13)**



**Romania: RAROM
(E19)**

UTAC Introduction – Participation to Regulatory Meetings

Meeting	
WP29	WP29 (World Forum for Harmonization of Vehicle Regulations)
	DETA (Database for the Exchange of Type Approval)
	IWVTA (International Vehicle Type Approval system)
	ITS (Intelligent Transport Systems)
	IWG ITS (Intelligent Transport Systems)
GRE	PTI (Periodical Technical Inspections)
	GRE (Working Party on Lighting and Light-Signalling)
	SLR (Simplification of the Lighting and Light Signalling Regulations)
	GTB (Groupe Technique de Bruxelles)
	GTB WGP (Working Group Photometry)
GRSP	TF EMC (Task Force on Electromagnetic Compatibility)
	GRSP (Working Party on Passive Safety)
	GTR-EVS (Electric Vehicle Safety)
	TSG (Technical Service Group) R44
	Ad-Hoc Group on 3D H-point machine design and setting
	HFCV-GTR13 Phase II + R134 transposition
	GTR 9 (pedestrian protection)
	DPPS (pedestrian active system)
	Ad hoc group sex and size neutral crash safety --> IWG DEOP
	TF CRS
	Ad-hoc group 137
	Ad-hoc group SBR
	TF AVRS
	TF Q-dummies
	STCBC (Safer Transport of Children in Busses and Coaches)
GRSG	GRPE (Working Party on Pollution and Energy)
	IWG VRU Proxi (Awareness of Vulnerable Road Users proximity in low speed manoeuvres)
	TF IWG VRU Proxi "UEBS"
	TF AVRS
	TF Mileage R39
TF R46	
IWG FVA (Field of Vision Assistant)	

Meeting	
GRVA	GRVA (Working Party on Automated/Autonomous and Connected Vehicles)
	FRAV (Functional Requirements for Automated and Autonomous Vehicles)
	TF ADAS
	SIG IA
	SIG ALKS
	VMAD (Validation Method for Automated Driving) - SG1
	VMAD (Validation Method for Automated Driving) - SG2
	VMAD (Validation Method for Automated Driving) - SG3
	VMAD (Validation Method for Automated Driving) - SG4
	VMAD (Validation Method for Automated Driving)
	WS CS
	CS/OTA (Cyber Security and (OTA) software updates)
	EDR/DSSAD (Data Storage System for Automated Driving / Event Data Recorder)
	TF FADS
	IWG AEBS (Automatic Emergency Braking and Lane Departure Warning Systems) HDV
TF ACPE	
GRPE	GRPE (Working Party on Pollution and Energy)
	RDE (Global Real Driving Emissions) IWG (GTR)
	PMP (Particle Measurement Programme)
	EVE (Electric Vehicles and the Environment)
	VIAQ (Vehicle Interior Air Quality)
	EPPR (Environmental and Propulsion Performance Requirements of L-category vehicles)
	TF AVRS
Ad hoc group UNR154	
A-LCA	
GRBP	GRBP (Working Party on Noise and Tyres)
	IWG WGWT (Worn Tyres)
	TF TA (Task Force on Tyre Abrasion)
	IWG ASEP (Additional Sound Emission Provisions)
	IWG MU (Measurement Uncertainties)
	TF QRTV
TF Vehicle Sound	



- **Schedule 2 of 1958 Agreement – Rev.3 – Amd 1.**
 - Assessment, designation and notification of Technical Services (TS)
 - Standards which the TS shall comply with (Testing)
- Approval authority designates a Technical Service
 - > TS must demonstrate appropriate skills, specific technical knowledge and proven experience
 - > TS shall ensure that they are free of any control and influence of interested parties which may adversely affect the impartiality and quality of tests and inspections
 - > TS shall have access to the test facilities and measurement devices necessary to supervise or perform tests or inspections
- **TS carries out or supervises** the tests required for approvals/inspections **if duly designated**
- Two TS designation categories for **testing**:
 - 1. Category A:** Carry out the UN Regulation tests in their own facilities
 - > ISO/IEC 17025:2005 (General requirements for the competence of testing and calibration laboratories)
 - 2. Category B:** Supervise the UN Regulation tests in the manufacturer or third-party facilities (“witness test”)
 - > ISO/IEC 17020:2012 (General criteria for the operation of various types of bodies performing inspection)

- **Schedule 2 of 1958 Agreement – Rev.3 – Amd 1.**
 - Assessment, designation and notification of Technical Services (TS)
 - Standards which the TS shall comply with (CoP)
- Approval authority designates a technical service (see previous slide)
- Two TS designation categories for **Conformity of Production (CoP)**:
 - 1. Category C:** Initial assessment and surveillance audits of the manufacturer's quality management system:
 - > ISO/IEC 17021:2015 (Requirements for bodies providing audit and certification of management systems)
 - 2. Category D:** Inspection or testing of production samples or supervision thereof:
 - > ISO/IEC 17020:2012 (General criteria for the operation of various types of bodies performing inspection)





- **Schedule 2 of 1958 Agreement – Rev.3 – Amd 1.**
 - Assessment of the skills of the Technical Services
 - **Assessment report** to be established by a competent authority.
(May include a certificate of accreditation issued by an accreditation body)
 - To be performed **every 3 years** or more
 - The assessment report can be requested by UNECE secretariat or other Contracting Parties
 - What is being done at UTAC?
 - > UTAC is 17025, 17020 and 17021 accredited by COFRAC, French ILAC accreditation body
https://tools.cofrac.fr/en/organismes/fiche.php?entite_id=12086600
 - Audits are performed every 18 months for each standard.
 - > Regular and irregular audits performed by the Type Approval Authorities (CNRV, SNCH, RDW, VCA and RAROM)
 - Every year, every 3 years, variable, depending on authority and topic (e.g. Cyber Security)

Requirements Concerning Technical Services – Testing & CoP



<u>ISO/IEC 17025:2005</u>	<u>ISO/IEC 17020:2012</u>	<u>ISO/IEC 17021-1:2015</u>
4 Management requirements	4 General requirements	5 General requirements
4.1 Organization	4.1 Impartiality and independence	5.1 Legal and contractual matters
4.2 Management system	4.2 Confidentiality	5.2 Management of impartiality
4.3 Document control	5 Structural requirements	5.3 Liability and financing
4.4 Review of requests, tenders and contracts	5.1 Administrative requirements	6 Structural requirements
4.5 Subcontracting of tests and calibrations	5.2 Organization and management	6.1 Organizational structure and top management
4.6 Purchasing services and supplies	6 Resource requirements	6.2 Operational control
4.7 Service to the customer	6.1 Personnel	7 Resource requirements
4.8 Complaints	6.2 Facilities and equipment	7.1 Competence of personnel
4.9 Control of nonconforming testing and/or calibration work	6.3 Subcontracting	7.2 Personnel involved in the certification activities
4.10 Improvement	7 Process requirements	7.3 Use of individual external auditors and external technical experts
4.11 Corrective action	7.1 Inspection methods and procedures	7.4 Personnel records
4.12 Preventive action	7.2 Handling inspection items and samples	7.5 Outsourcing
4.13 Control of records	7.3 Inspection records	8 Information requirements
4.13.1 General	7.4 Inspection reports and inspection certificates	8.1 Public information
4.13.2 Technical records	7.5 Complaints and appeals	8.2 Certification documents
4.14 Internal audits	7.6 Complaints and appeals process	8.3 Reference to certification and use of marks
4.15 Management reviews	8 Management system requirements	8.4 Confidentiality
5 Technical requirements	8.1 Options	8.5 Information exchange between a certification body and its clients
5.1 General	8.2 Management system documentation (Option A)	9 Process requirements
5.2 Personnel	8.3 Control of documents (Option A)	9.1 Pre-certification activities
5.3 Accommodation and environmental conditions	8.4 Control of records (Option A)	9.2 Planning audits
5.4 Test and calibration methods and method validation	8.5 Management review (Option A)	9.3 Initial certification
5.5 Equipment	8.6 Internal audits (Option A)	9.4 Conducting audits
5.6 Measurement traceability	8.7 Corrective actions (Option A)	9.5 Certification decision
5.7 Sampling	8.8 Preventive actions (Option A)	9.6 Maintaining certification
5.8 Handling of test and calibration items		9.7 Appeals
5.9 Assuring the quality of test and calibration results		9.8 Complaints
5.10 Reporting the results		9.9 Client records
		10 Management system requirements for certification bodies
		10.1 Options
		10.2 Option A: General management system requirements
		10.3 Option B: Management system requirements in accordance with ISO 9001

ISO 17025

COMITÉ FRANÇAIS

D'ACCREDITATION

UTAC
Autodrome de Linas-Monthléry - BP 212
F-91311 MONTLHERY CEDEX
FRANCE

Diplôme d'accréditation
Accreditation Certificate

Ce document atteste que :
This document testifies that :

UTAC
Autodrome de Linas-Monthléry - BP 212
F-91311 MONTLHERY CEDEX
FRANCE

est accrédité par le Comité Français d'Accréditation Section Laboratoires pour effectuer des prestations d'ESSAIS ainsi que pour procéder aux activités traitées de façon modulaire par la norme ISO/CEI 17025 précisément définies dans la convention d'accréditation

N° 1-0193

et délivrer des documents d'essais portant le logotype du Cofrac pour lesdites prestations et activités.

is accredited by Comité Français d'Accréditation Laboratory Section to carry out tests and perform modular activities dealt with by the ISO/IEC 17025 standard, described in detail in the accreditation contract n° 1-0193

delivered to the laboratory and to issue test documents bearing the logotype of COFRAC in accordance with the accreditation scope.

La période de validité de l'accréditation est précisée dans la convention d'accréditation ou dans son avenant en vigueur. Durant cette période, « le laboratoire » s'engage à respecter à tout moment les exigences d'accréditation du COFRAC en tout point conformes à la norme ISO/CEI 17025.

The validity of the accreditation is specified in the contract of accreditation or in the additional amendment in force. During this period, the "laboratory" commits itself to continuously fulfil the accreditation requirements of COFRAC which are entirely in line with ISO/IEC 17025 standard.

Le Président du Comité de Section :
Chairman of Section Committee :

Le Directeur du Cofrac :
Director of Cofrac :

ISO 17020

COMITE FRANCAIS

D'ACCREDITATION

UNION TECHNIQUE DE L'AUTOMOBILE DU MOTOCYCLE ET DU CYCLE
AUTODROME LINAS-MONTLHERY
BP 20212 LINAS
91311 MONTLHERY CEDEX

est accrédité
is accredited

par la section Inspection
by Inspection section

selon la norme NF EN ISO/IEC 17020:2012 et les règles d'application du Cofrac sous le numéro

in compliance with ISO/IEC 17020:2012 standard and the Cofrac rules of application under n°

3-1905

en tant qu'organisme d'inspection de type A
as a type A inspection body

Les activités couvertes et la validité de l'accréditation ainsi que les implantations géographiques concernées sont précisées dans l'attestation en vigueur qui lui a été délivrée (visible sur www.cofrac.fr). Durant cette période, l'organisme s'engage à respecter à tout moment les exigences de l'accréditation.

The activities covered, the validity of accreditation as well as concerned geographical units are stipulated in the accreditation certificate in force which has been issued with it (visible on www.cofrac.fr). During this period, the organisation undertakes to abide at all times by the requirements of the accreditation.

Le Directeur Général,
General Director

Dominique GOMBERT

INS FORM 05 - Rév. 06 - 01/01/2019

ISO 17021

Convention N° 1648

Section Certifications

ATTESTATION D'ACCREDITATION
ACCREDITATION CERTIFICATE

N° 4-0006 rév. 25

Le Comité Français d'Accréditation atteste que :
The French Committee for Accreditation certifies that :

UNION TECHNIQUE DE L'AUTOMOBILE, DU MOTOCYCLE ET DU CYCLE
AUTODROME LINAS-MONTLHERY
B.P. 20212 LINAS
91311 MONTLHERY CEDEX
SIREN N° 438725723

satisfait aux exigences de la (des) norme(s) et/ou document(s) normatif(s) et/ou règlement / *fulfils the requirements of the standard(s) and/or normative document(s) and/or regulation*
NF EN ISO/IEC 17021-1:2015
et aux règles du Cofrac / *and Cofrac rules*

pour les activités de certification dans les domaines suivants / *for certification activities in the following areas :*
Système de management de l'énergie / *Energy management systems*
Système de management de l'environnement / *Environmental management systems*
Système de management de la qualité / *Quality management system*
Système de management de la santé et de la sécurité au travail / *Occupational health and safety management systems*

réalisées par l'entité **UNION TECHNIQUE DE L'AUTOMOBILE, DU MOTOCYCLE ET DU CYCLE** et le(s) implantation(s) éventuelle(s) intervenant dans le cadre de l'accréditation octroyée, située(s) aux adresses ci-dessous / *performed by the above mention entity and the location(s) involved in the accreditation process, at the addresses below :*

/

et précisément décrites dans la ou les annexes techniques suivantes / *and precisely described in the following technical appendix :*

4-0006 rév. 25

Le Cofrac est signataire de l'accord multilatéral d'EA pour l'accréditation pour les activités objets de la présente attestation / *Cofrac is signatory of the European co-operation for Accreditation (EA) Multilateral Agreement for accreditation for the activities covered by this certificate.*

Date de prise d'effet / *granting date :* 01/06/2023
Date de fin de validité / *expiry date :* 30/04/2028

CERT CEPE FORM 58 - Rév. 12 - Octobre 2022

Page 1/7

Schedule 1 of 1958 Agreement – Rev.3 – Amd 1.

- Conformity of production procedures

1. Initial Assessment

Verification of satisfactory arrangements and procedures to ensure that the product will conform to the approved type, **before granting UN type approval.**

- > Quality management system according to ISO9001 and/or IATF16949 + Approval Related Requirements
- > Assessment or audit by Type-Approval Authority (TAA) or designated TS

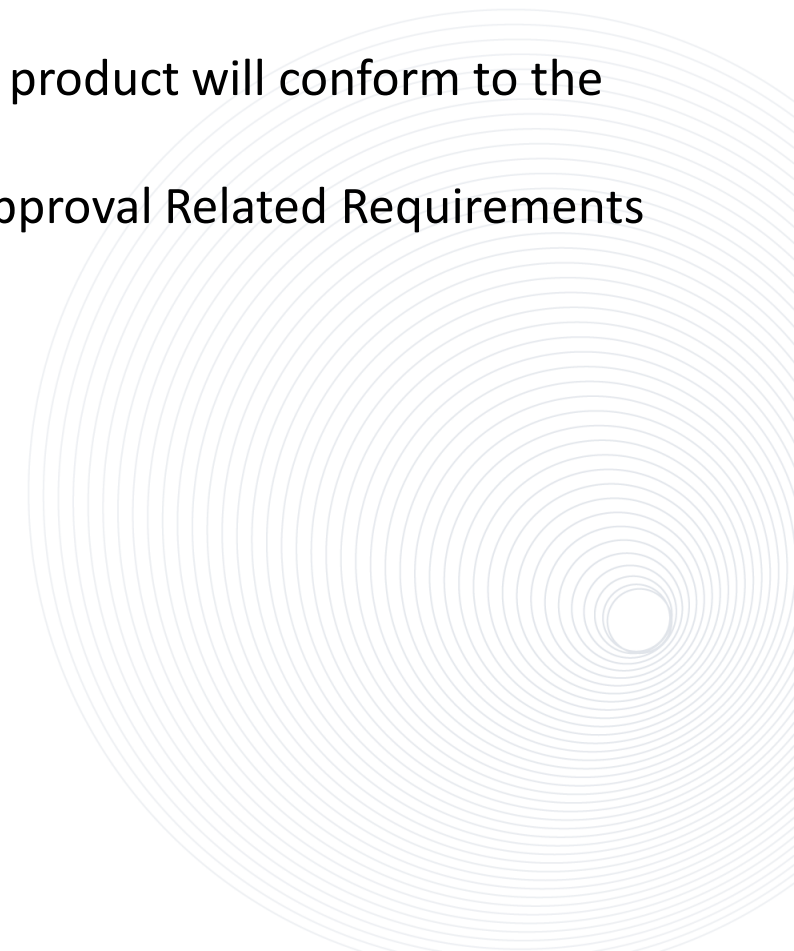
2. Product conformity arrangements

- > Control plans
- > CoP tests
- > CoP test record retention

3. Continued verification arrangements

Periodic CoP audits – max. **3 years** depending on UN Regulation.

- > Verification of above points 1. and 2. by TAA or TS
- > Physical tests may be required



Example of areas audited during a CoP audit:

AREAS	ITEMS	
Quality system	<ul style="list-style-type: none"> • Existence of procedures and / or operating methods • Change management • Document management and archiving • Skills / training 	<ul style="list-style-type: none"> • Management and evaluation of suppliers and subcontractors • Contract review • Equity Management
Regulations / type approval	<ul style="list-style-type: none"> • Review of valid approvals • Regulatory management • Control plan 	
Production	<ul style="list-style-type: none"> • Control of incoming materials • Production controls • Application of procedures 	<ul style="list-style-type: none"> • Conformity of the finished product • Marking • Storage
Laboratory	<ul style="list-style-type: none"> • Tests (if applicable) • Access to control and testing equipment 	<ul style="list-style-type: none"> • Control registers • Conformity of results • Calibration of test facilities



Direction générale de l'Énergie et du Climat
Sous-direction de la sécurité et des émissions des véhicules
Centre National de Réception des Véhicules

Monthéry, le 02 décembre 2021

Affaire suivie par: Franck EVENO
Courriel: franck.eveno@developpement-durable.gouv.fr
Réf: [REDACTED]

UTAC
Autodrome de Linas-Monthéry
BP 20212
91311 Monthéry Cedex
France
À l'attention de M. Picard

Monsieur,

Dans le cadre de la surveillance de la conformité de la production exigée par la réglementation applicable, conformément à l'article 3 de l'Arrêté Ministériel du 11 janvier 2021, nous vous confirmons que l'UTAC est désigné comme Service Technique en charge de réalisation des audits d'Évaluation Initiale (EVI) et d'audits de Conformité de Production (CoP).

Ces missions doivent être assurées conformément aux dispositions et aux fréquences requises par les réglementations spécifiques selon lesquels les homologations E2/e2 du titulaire ont été délivrées.

À défaut de périodicité d'audit définie dans ces règlements spécifiques, un minimum d'un audit tous les trois ans doit être respecté. Cette périodicité peut le cas échéant être réduite en fonction des résultats des audits précédents.

La planification des audits des sites de production/assemblage déclarés dans les dossiers d'homologation E2/e2 sera assurée par l'UTAC, en liaison avec le CNRV. Toute problématique relative à la planification (refus, non-réponse, report) impliquant un risque de non-respect des périodicités réglementaires devra être communiquée au CNRV sans délai.

Les frais relatifs à la réalisation des audits et aux déplacements associés sont à la charge du titulaire des homologations concernées.

Dans l'attente de la mise en application de ces mesures, je vous prie d'agréer, Monsieur, l'assurance de ma considération distinguée.

Pour le Ministre et par délégation

L'ingénieur divisionnaire de l'industrie et des mines

Autodrome de Linas-Monthéry - BP 10211 - F-91311 MONTLÉRY Cedex
Tél: 33(0)1 71 28 49 51
www.ecologie.gouv.fr



UTAC
À l'attention de Monsieur Grégory Picard
Autodrome de Linas-Monthéry
BP 20212
F-91311 Monthéry Cedex

Bertrange, 15 February 2022

Ref:
Object: Conformity of Production (CoP) and Initial Assessment (IA) audits

To whom it may concern

As part of the supervision of production conformity required by Annex IV of Regulation (EU) 2018/858 and by Annex 1 of the 1958 Agreement, we confirm that SNCH has officially commissioned UTAC as a Technical Service in charge of Conformity of Production (CoP) and Initial Assessment (IA) audits.

These missions shall be performed in accordance with the provisions and at the frequencies defined in the specific Regulations according to which the corresponding E13/e13 approvals were issued.

In the absence of a defined frequency, a minimum of 1 audit every 3 years shall be organized. This frequency may be reduced depending on the results of the previous audits performed.

The planning of the audits of the different production/assembly plants declared in the E13/e13 approval packages will be prepared by UTAC. Any issue in relation with the planning (refusal, non-response, postponement) leading to a possible risk of non-compliance with regulatory periodicities must be communicated to SNCH without delay.

The costs relating to the audits, the associated travel/accommodation and the SNCH CoP statement will be charged by UTAC to the holder of the approvals concerned.

Best regards;

Directeur Qualité & Risk Management

Société Nationale de Certification et d'Homologation S.A.

Adresse & Siège social: 33 rue du Puits Romain - Z.A. Bourmicht
L-8070 Bertrange

Tél: (+352) 261 570 - 250
E-Mail: info@snch.lu

Capital social: 3'500'000€
RCS: B 27180 / TVA: LU 32359984



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UTAC Japan Ltd.

masakatsu.kawakita@utac.com

www.utac.com