

Implementation of the National F-Gas Certification Scheme in Albania

PROGRESS AND
PRACTICAL EXPERIENCE



SETTING THE RULES

Law (2023) provides the framework.
Government Decision (2024) defines how it works.



It defines:

WHO
is certified

FOR WHAT

HOW

BY WHOM

CLEAR RULES. CLEAR RESPONSIBILITIES. CLEAR IMPACT.



A NEW WAY OF WORKING

BEFORE



Skill was enough



Informal practices



No leak control



No standard procedures



No climate consideration



NOW



Proof of competence



Standardized procedures



Prevent leaks



Work safely



Understand climate impact

It is not just about fixing systems, it is about working responsibly



BEYOND AIR CONDITIONERS

The scheme covers a wide range of equipment using F-gases



Refrigeration systems



Air conditioning systems



Heat pumps



Refrigerated transport



Fire protection systems



Electrical equipment

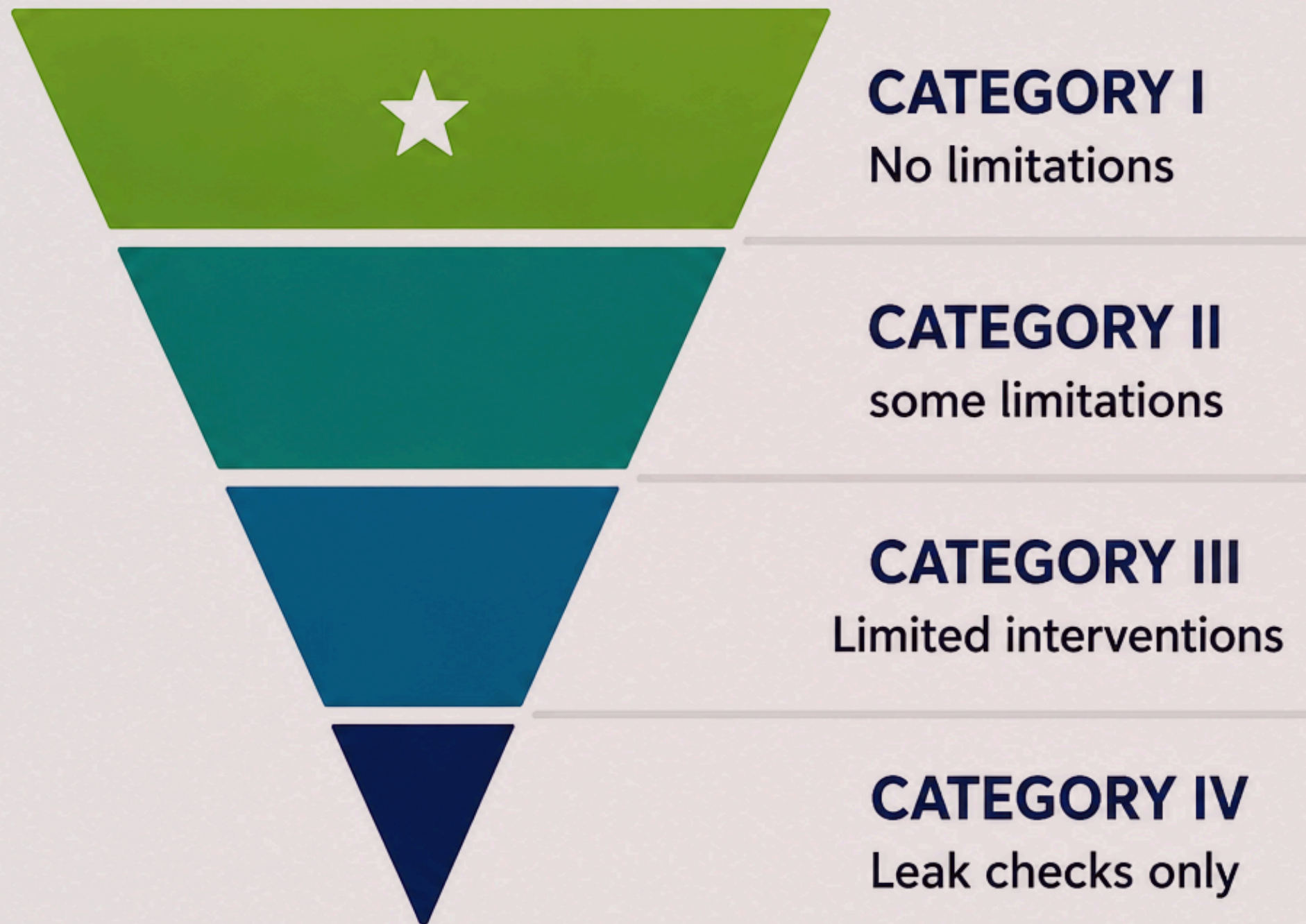


Solvent applications

ONE SCHEME — MANY APPLICATIONS — ONE STANDARD



FOUR CERTIFICATION CATEGORIES



Not everyone
does everything.

The scheme
recognizes
different levels of
competence and
responsibility.



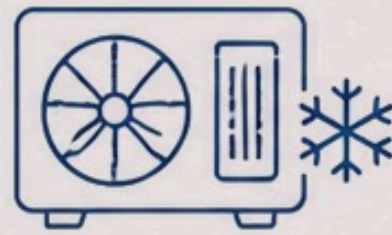
THE RIGHT PERSON. THE RIGHT COMPETENCE. THE RIGHT TASK.



4 TRAINING MODULES



Certification is linked to **specific technical competencies**.



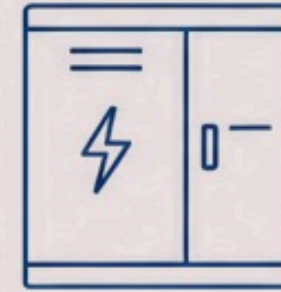
RAC SYSTEMS

Refrigeration and
air conditioning
systems



FIRE PROTECTION

Fire protection
systems containing
F-gases



SWITCHGEAR

Electrical switchgear
equipment



SOLVENT EQUIPMENT

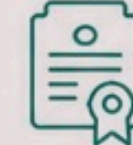
Solvent-based
applications and
equipment



THEORY



PRACTICE



CERTIFICATION



CERTIFICATION IS LIMITED TO THE COMPLETED MODULE

Technicians are certified only for the activities covered by their training and assessment.



TRANSITIONAL PERIOD



Up to 24 months without a certificate is allowed if the technician is:



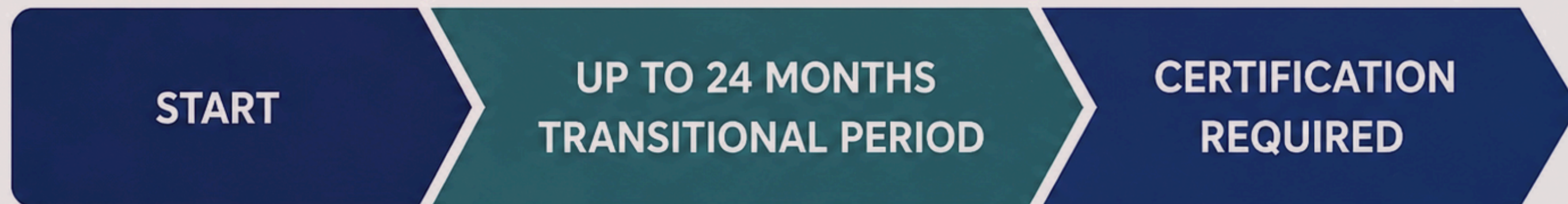
In training



Under supervision



Registered for certification



NO MARKET DISRUPTION – GRADUAL TRANSITION.



THE PATH TO CERTIFICATION

To apply for certification, a technician must meet **four conditions**:



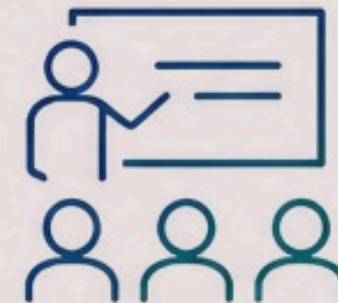
1

Hold at least a **secondary school diploma**.



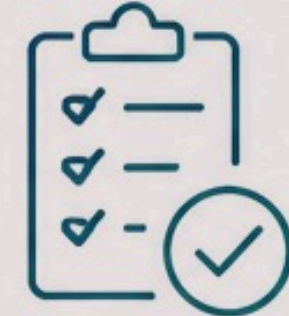
2

Have a minimum of **two years** of practical experience working with F-gas equipment.



3

Have completed the relevant **training programme**.



4

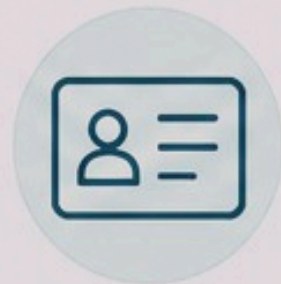
Have passed both **theoretical and practical assessment**.



Once these conditions are met, the application is submitted **in person** to the certification body, together with:



A formal application form



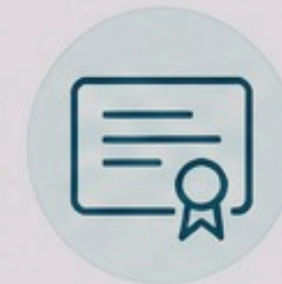
A valid identity document



Proof of education



A work record book

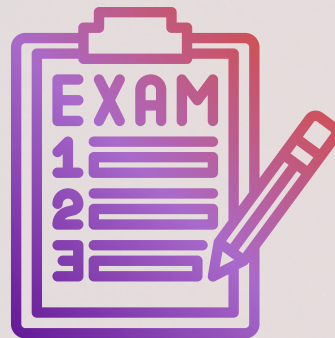


The training certificate issued upon completion of the programme

REAL CERTIFICATION, NOT FORMALITY



Training



Theoretical exam
60 POINTS MINIMUM
TO PASS



Practical test



COMPETENCE IS PROVEN, NOT ASSUMED.



WHAT DO TECHNICIANS LEARN?

Training and certification go beyond technical skills.

They combine technical competence, safety standards and climate responsibility.



TECHNICAL SKILLS

Mastering systems, diagnostics and advanced technologies.



SAFETY

Protecting people, assets and the environment.



CLIMATE IMPACT

Reducing emissions and building a sustainable future.



NOT JUST WORKING WITH GAS — WORKING WITHOUT EMISSIONS.



NATIONAL SCHEME, INTERNATIONAL STANDARD

Certification bodies must be accredited according to **ISO/IEC 17024**.



**ISO/IEC
17024**



Not informal



Not subjective



Fully verifiable



TRANSPARENCY



TRUST IN
THE MARKET



ALIGNED WITH
EUROPEAN
STANDARDS



ACCREDITED TODAY – RECOGNIZED TOMORROW.



IMPLEMENTATION IN PRACTICE



SYSTEM IN MOTION

The national certification framework has already moved beyond the legal stage and entered practical implementation.



HARRI FULTZ COLLEGE

Is the first institution to submit the documentation for accreditation under the national certification framework.



GROWING INTEREST

Other institutions and organizations are also preparing to enter the accreditation process.



Practical training session with RAC technicians at Harry Fultz College, organized by the National Ozone Unit.



NOT JUST IN PAPER - ALREADY IN ACTION



NATIONAL OZONE UNIT IN ACTION



PROACTIVE APPROACH

**PARTNERSHIP WITH
CENTRO STUDI GALILEO**

EUROPEAN REGISTRATION

➤ We took action before the full institutional structure was completed.

➤ Training and testing were organized together with Centro Studi Galileo, one of Europe's leading RAC institutions.

➤ Technicians certified through this process are registered in a European certification registry.

CONCRETE RESULTS



3



**TRAININGS
ORGANIZED**

58



**TECHNICIANS
CERTIFIED**



For the first time, Albania is building a new generation of RAC technicians trained and certified according to European standards, with the support of the National Ozone Unit.

**PRACTICAL
STEPS.**

**REAL
PARTNERSHIP.**

**REAL
IMPACT.**

ica Fgas rev.0 del 22/03/2021

ESAME DI CERTIFICAZIONE PER-PIF
Persone addette alle attività di cui al Reg. UE 2015/2067
Prova pratica



ESAME DI CERTIFICAZIONE PER-PIF
Persone addette alle attività di cui al Reg. UE
2015/2067 CAT. 1-2

Prova Pratica

In ogni momento i DPI dispositivi di sicurezza individuale: guanti, occhiali, scarpe
protettive

Il candidato deve svolgere tutte le prove pratiche indicate su questo modulo di certificazione. Leggere bene
le prove richieste.

Il tempo per lo svolgimento è di 90 minuti.

La prova consiste in diverse prove pratiche scelte in funzione dei gruppi di competenza e dei campionati
quali si richiede la certificazione.

Il candidato dovrà inoltre tenere a descrivere l'installazione di un componente del sistema di climatizzazione
a seconda del gruppo di competenza (6), condensatore (7), evaporatore (8), valvola termostatica (9).

Per la categoria 1 sono richieste (tempo 1,5 h):

1) gruppo di competenza 3, 4, 5 e 10 + 3 prove per il gruppo di competenza 6 della Reg. CE 2067/15
2) gruppo di competenza 3, 4, 5 e 10 + 6 prove per il gruppo di competenza 7 della Reg. CE 2067/15
3) gruppo di competenza 3, 4, 5 e 10 + 5 prove per il gruppo di competenza 8 della Reg. CE 2067/15
4) gruppo di competenza 3, 4, 5 e 10 + 3 prove per il gruppo di competenza 9 della Reg. CE 2067/15

Tempo 1,5 h)
1) gruppo di competenza 3, 4, 5 e 10 della Reg. CE 2067/15

Tempo 45 minuti

1) competenza 3 della Reg. CE 2067/15

Tempo 45 minuti

1) competenza 4 della Reg. CE 2067/15

Condensatore

Indicare un passaggio che va da 1 a 2 e secondo il caso il candidato scrive...

TRAINING 1 – JUNE 2023

EARLY ACTION. BUILDING CAPACITY. LAYING THE FOUNDATION.



DATE
June 2023



PARTICIPANTS
15
Technicians trained
and certified



ORGANIZED BY
National Ozone Unit (NOU)
in cooperation with
Centro Studi Galileo
and **Barleti Group**



FOCUS
Capacity building for
technicians in the RAC
sector, ahead of the
national certification
scheme.



TRAINING 2



DATE

CERTIFIED TECHNICIANS

ORGANIZED BY

10 NOVEMBER 2023

19

**NATIONAL OZONE UNIT
CENTRO STUDI GALILEO
TIRANA COLLEGE OF TECHNOLOGY**

TRAINING 3

MAY 2026



DATE

May 2026



PARTICIPANTS

24 certified technicians



DURATION

5 days training & testing



TOTAL IMPACT

58 technicians holding a valid certificate to work also in the EU market



KEY MESSAGE

A proactive approach led by the **National Ozone Unit** before the formal implementation of the national certification scheme.



BUILDING CAPACITY **BEFORE** THE SYSTEM BECOMES MANDATORY.



NATIONAL
OZONE UNIT



CENTRO STUDI
GALILEO
education & training



TIRANA
COLLEGE OF
TECHNOLOGY

LESSONS FROM THE ALBANIAN EXPERIENCE



IMPLEMENTATION



Training



Testing



Accreditation



Registry



POLICIES HAPPEN IN THE FIELD

Implemented every day
by technicians.

REAL CHANGE



Skilled technicians



Safer practices

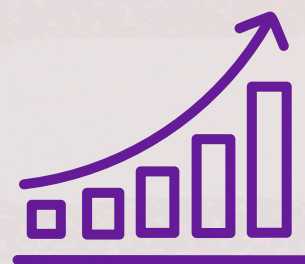


Climate awareness

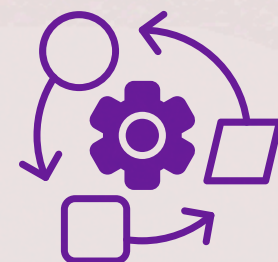


Sector transformation

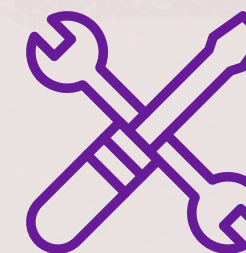
THE MAIN CHALLENGE REMAINS:



**Pace of
execution**



**Certification
capacity**



**Practical
testing**



**Field
control**

CERTIFICATION IS NOT PERMANENT: 10-YEAR VALIDITY WITH CONTINUOUS PROFESSIONAL UPDATING.



New gases



New technologies



New safety standards

THANK YOU!

