



General Organization for
Export & Import Control



Ministry of Trade & Industry


Test and Certification Regulation TCR (GOEIC 01-gas appliances)

The Certification Unit of GOEIC (CU GOEIC)

General Organization for Export and Import Control - Cairo Airport in front of Cargo Village
The certification unit - Cairo Airport in front of Cargo Village

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| <p>Part No. (1): General</p> | |

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1.3 Introduction

Test and certification regulations, called hereafter as TCR, is a product certification scheme of general organization for export and import control, called hereafter as GOEIC, which serves as the basis upon which the product is evaluated and the client is obliged.

It is mainly based on:

- Gas Appliance Regulation (EU) 2016/426 and its related conformity assessment procedure (Module B and Module C2)
- ISO/IEC 17067 Guideline

Note: According to act 76 (point e and h) in Reg. 770 and this certification scheme, GOEIC has the authority to grant the manufacturer (through the certification agreement) a certificate of conformity

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Part No. (2): References

2 The References are:

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| 1 | ISO/IEC 17065 | Conformity assessment-requirements for bodies certifying product, processes and services |
| 2 | ISO/IEC 17067 Guideline | Conformity assessment – fundamentals of product certification and guidelines for |
| 3 | Regulation (EU) 2016/426 | Appliances burning gas fuel |

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3 Definitions

CU GOEIC

Is a certification unit of GOIEC which is responsible for ensuring that products meet and continue to meet, the requirements on which certification is based according to ISO/IEC 17065 and the relevant certification scheme.

Client

Egyptian applicant who seek CU GOEIC services mandated form Egyptian factory owner by an official mandate or the owner himself.

GCTC

It refers to general certification terms and conditions. It reflects the concept of certification scheme according to ISO/IEC 17065 which outlines general and common issues about granting certification.

TCR

It refers to test and certification regulation, which reflects the concept of certification scheme according to ISO/IEC 17065 which outlines different issues about granting certification.

TCR (GOEIC 01-gas appliance)

It is a TCR which is a product certification scheme according to the requirement of ISO/IEC 17065. It aligns to GAR 426/2016 based on module B and module C2 as a full certification procedure without restriction of the notified bodies and CE mark fixation.

GAR

Gas Appliance Regulation (EU) 2016/426

QMS

Quality management system

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4.1 Scope

The products that are covered by this scheme are the appliances described in the scope of the standards mentioned in annex 1

4.2 Standards and regulations used in the evaluation

4.2.1 The products will be evaluated using the standards mentioned in annex 1 and their correspondence directive or technical regulation, if exist.

4.2.2 At the discretion of CU GOEIC, it may use the guidance sheets developed by the EU expert group on gas appliances where applicable

<http://ec.europa.eu/DocsRoom/documents/20824>

4.3 Requirements to be met by the client

4.3.1 For module B:

- The client must submit technical documentation concerning the appliance to be certified. The technical documentation shall make it possible to assess the appliance's conformity with the applicable technical regulation requirements and shall include an adequate analysis and assessment of the risk(s). The technical documentation shall specify the applicable requirements and cover, as far as relevant for the assessment, the design, manufacture and operation of the appliance



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4.3.2 For module C2:

- The client shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured appliances with the type described in the type-examination certificate and with the requirements of this Regulation that apply to them.
- The client shall draw up a written declaration of conformity for each appliance model and keep it at the disposal of the national authorities for 10 years after the appliance has been placed on the market.

4.4 Access criteria of clients and testing labs to the scheme

4.4.1 In the processes described in the present scheme:

- All clients who come into contact with CU GOEIC are treated equally.
- The conditions of certification are the same both for the clients that express interest to be certified for the first time and for the clients that are already certificate holders.

4.4.2 The client must be a manufacturer established in Egypt with all legal permits from the Authorities or, if he is not, an authorized representative of him must be established in Egypt.

4.4.3 Labs of the manufacturer and /or his subcontractor's labs, can be used.

4.4.4 All the test laboratories that are used by CU GOEIC should be accredited according to ISO/IEC 17025.



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4.5 Assuring the integrity and consistency of the outcome of the conformity assessment process

CU GOEIC has established and maintains a QMS according to ISO/IEC 17065 covering the relevant certification. This step guarantees its impartiality and technical competence. Impartiality of operations also follows from the CU GOEIC being a governmental organization, as well as from not providing any consultancy to clients regarding either certified products or in order to establish a quality management system.

4.6 The information to be supplied to the CU GOEIC by clients

For module B:

4.6.1 The client shall submit the CU GOEIC with the following:

- A written declaration that the same application has not been lodged with any other certification bodies
- The technical documentation: The technical documentation shall make it possible to assess the appliance's conformity with the applicable requirements of this Regulation and shall include an adequate analysis and assessment of the risk(s). The technical documentation shall specify the applicable requirements and cover, as far as relevant for the assessment, the design, manufacture and operation of the appliance. The technical documentation shall contain, wherever applicable, at least the following elements:
 - General description of the appliance;
 - Conceptual design and manufacturing drawings and schemes of components, sub-assemblies, circuits, etc.;
 - Descriptions and explanations necessary for the understanding of those drawings and schemes and the operation of the appliance or the fitting;
 - A list of the harmonized standards applied.
 - Results of design calculations made, examinations carried out, etc.;
 - Test reports;
 - Instructions for installation and use of the appliance;

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4.6.2 Where appropriate, the manufacturer shall also submit the following documents:

- The type-examination certificate and the declaration of conformity relating to the fittings incorporated into the appliance;
- Attestations and certificates relating to the methods of manufacture and/or inspection and/or monitoring of the appliance;
- Any other document making it possible for CU GOEIC to improve its assessment.

For module C2:

4.6.3 The client has to submit CU GOEIC with the following:

- Type examination certificate, if CU GOEIC is not selected by the client to grant him it.
- Expected time for production
- Amount of production concerning the concerning appliance

4.7 The content of certificate

4.7.1 Type examination certificate basically contains the name, address of the manufacturer, issue date, the conclusion of examination and the validity of certificate.

4.7.2 Conformity to type certificate basically contains the name, address of the manufacturer, issue date, and the validity of certificate.

4.7.3 There are models of Type examination certificate and conformity to type certificate given in annex 2.

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4.8 The conditions and obligation on using the granted certificate

- The client can use the granted certificate in his brochure or other documentation materials after review and approval of CU GOEIC.
- The holder of granted certificate must ensure that publications and advertisements do not cause confusion to the user between certified and non-certified products.
- To ensure the correct application of the above described, the holder of certificate is obliged to bring to the attention of the CU GOEIC any written or audio-visual material destined for wide publicity and which makes reference, directly or indirectly, to the granted certificate or to the certified products in general and to obtain the agreement of CU GOEIC. Otherwise, as well as for every misuse, CU GOEIC will take the relevant measures.
- The granted certificate concerns strictly only the client to which it was awarded and is not transferable.
- The granted certificate should be published and generally only be used in its entirety. If the holder of certificate wants to publish part of it, he must obtain a written permission from the CU GOEIC.



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4.9 Personnel and laboratory resources needed

- 4.9.1 The independence and impartiality of the CU GOEIC is ensured by its legal framework, organizational structure and functioning of an impartiality committee which meets at least annually. CU GOIEC also, in the context of its function as certification body, is not involved in any way in providing consultancy services for the establishment and implementation of QMS for its clients or for the design, production, installation or distribution of the products to be certified.
- 4.9.2 CU GOEIC carries out assessments by qualified personnel in the best possible way, according to his knowledge and experience. If a client submits reasoned complaints about the quality and objectivity of a specific assessment, CU GOEIC will carry out a new assessment, at his own expense, if necessary, with a different assessment team.
- 4.9.3 The examinations and tests will be performed in manufacturer's lab. The manufacturer may also subcontract test. In both cases the labs have to be successfully assessed to ISO/IEC 17025 requirements by CU GOEIC. The CU GOEIC personal must meet pre-established competence criteria at all times. External assessors are not used.

4.10 Handling of evaluation results by CU GOEIC

CU GOEIC uses a qualified technically personnel to perform evaluation activities including site visits and testing. For module C2, after granting conformity to type certificate the validity of this certificate which its validity depends upon the number of produced appliances under certification and the expected time of production.



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4.11 How to deal with and resolve non-conformities

4.11.1 For module B:

A type examination certificate is only issued after all nonconformities have been clarified removed, and the product has been retested.

4.11.2 For module C2:

- When CU GOEIC identifies nonconformity, it will enter into discussion with the client to solve the identified non conformity. In case the non-conformity to the type persists, CU GOEIC can formally suspend the conformity to type certificate, thus impeding the client from exporting his certified product. It will also draw the attention of the client to the potential consequences for the products already placed on the market. CU GOEIC can, as appropriate, in the light of the safety risks identified, inform the competent market surveillance authorities of the country concerned.

Note: CU GOEIC cannot oblige the client to have previously manufactured appliances removed from the market. Such a measure is to the competence of the enforcement authority only who will have been informed by the CU GOEIC as mentioned above.

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4.11.3 General cases:

- Upon suspension, withdrawal, or termination of certification, if the client continues the use of advertising material that refers to valid certification, CU OGIEC will ask him in writing to stop it within one week. And if he neglects that, CU GOEIC will contact the competent authorities

4.12 Directory of certified products

4.12.1 CU GOEIC maintains a record for the certified products, which is available to all interested parties, upon request. This Directory of certified product contains information about:

- the client name,
- Organization name,
- the address,
- Trademark,
- Production site,
- the product type,
- sample/batch identification,
- the date of certification and
- The regulation, directive, standard under which the product is certified.

4.12.2 In cases of withdrawal/termination of the granted certificate, the product is removed from the Directory of certified product, while in cases of suspension CU GOEIC makes a notice to that effect on the Directory of certified product.

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4.13 Certification agreement

4.13.1 The certification agreement shall be signed between CU GOEIC and the client, covering the requirements. This agreement outlines the rights and obligation of both parties.

4.13.2 The client's rights and obligations include, but are not limited to the following:

- The holder of certificate can use it without any restrictions for business purposes, for advertising purposes or to prove the compliance of the certified product(s) with the corresponding certification standard.
- The client shall state, that he holds and promotes the granted certificate only for the certified units to which this specific granted certificate relates. and to make clear reference to the certification standard under which he has been granted certificate.
- The client shall discontinue within a maximum of one week all use or advertising of the certificates and any reference to it, if suspended/withdrawn for any reason. In this case, the respective originals of certificates shall be returned to CU GOEIC and it should be informed in writing about the withdrawal of every reference to it.
- The client shall not make significant changes to the QMS/QS without providing written information about it to CU GOEIC (e.g. change in the legal status or ownership, change in organizational structure, change of internal production control, change at the management level, such as change in the quality manager or other staff involved in making critical decisions, change in locations of production facilities, change in activities which are included in the certified scope of product, significant changes in the QMS documentation etc.). In any case of such change, the relevant information should be submitted to CU GOEIC in writing within twenty (20) days. Otherwise, CU GOEIC may take all the measures deemed appropriate.



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- The client shall maintain and make available to CU GOEIC during site visits assessments a record of customer complaints, associated with the certified product(s), and the possible corrective actions it has taken.
- The client shall use the granted certificate according to the conditions described in this scheme and the signed agreement between CU GOEIC and the client,
- The client shall not use or make any reference to the granted certificate in case of suspension/withdrawal.
- The client is required to provide accurate information on the products under certification to the personnel of CU GOEIC. The client must facilitate the certification process, taking appropriate organizational measures and undertakes that the staff responsible is available during the assessment. This staff will provide possible information, explanations or enter into discussions with personnel, as needed. Also, all documents of client associated with the assessment should be ready and available.
- The client is obliged to accept the dates for the performance of certification activities specified by CU GOEIC, or in maximum 3 weeks after receiving the nominated dates from CU GOEIC, unless there are serious grounds which must be stated in writing to the CU. Repeated non-acceptance of the dates for conducting periodic checks, or continuous requests for postponements or changes in the dates will be taken into account by CU GOEIC and may constitute grounds for suspension of the granted certificate.

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- The client is required to allow the presence of observers (e.g. accreditation body assessors, internal auditor of CU GOEIC) during certification activities, upon written notification by CU GOEIC. The client has the right not to accept the presence of observers, only if there are serious reasons (e.g. affecting its competitiveness, or safeguarding of the client's know-how due to relationship of the observer(s) with competitors). These objections with justification must be informed in writing to CU GOEIC.
- The client is the responsible party for delivering samples to labs selected by CU GOEIC

4.13.3 Rights and obligations of CU GOEIC:

- CU GOEIC defines the requirements related to testing, assessment and certification
- CU GOEIC settles with the client the differences in interpretation, if any.
- CU GOEIC is capable of and prepared for the comprehensive performance of the testing, assessment and certification procedures and issuing a certificate to the client
- CU GOEIC is obliged, within its capabilities, to publicize and communicate to consumers by the most appropriate means the granted certificate. For this reason, CU GOEIC has established the directory of certified product, which is available to all interested parties, upon request.
- CU GOEIC carries out assessments by qualified personnel in the best possible way, according to its knowledge and experience. If a client submits reasoned complaints about the quality and objectivity of a specific assessment, CU GOEIC will carry out a new assessment, at its own expense, if necessary, with a different assessment team.

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4.14 Procedure for granting a certificate of conformity and (see schemes in annex 3)

4.14.1 The procedure for granting and maintaining a certificate consists of the following stages:

- Initial discussion.
- Application submission and review.
- Preparation/assessment planning
- Evaluation (site visit and testing activity) and certification decision

4.14.2 Initial discussion:

As part of the original discussions of CU GOEIC with clients seeking certification, CU GOEIC provides information about the certification processes. During the initial discussions, issues concerning the models of products to be certified are clarified, facilities for production for these products are determined.

Based on this information, CU GOEIC informs certification procedures, the duration of the assessment and the cost budget for the entire duration of the certificates. Initial discussions have no cost to the client.

The client shall inform CU GOEIC about any requirements specified by legislation (national and International) and/or the National/ International Standards/specifications or other technical documentation, which are valid for its products.

4.14.3 Application submission and review:

- Clients wishing to obtain certification of their products submit to CU GOEIC a request by completing a special application form. The application form is received at CU GOEIC offices.
- For both modules, the client shall also submit with the application the documentation mentioned in section 6 above, described in more detail in the application form.



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- The client may also submit any other documentation it deems necessary or helpful.
- Each application submitted concerns one model of domestic gas cooker and one production site of that client.
- All forms must be submitted in Arabic or English.
- CU GOEIC examines the information contained in the application and submitted documentation and, if necessary, seeks from the applicant additional information or clarifications.
- Upon acceptance of the application, a financial quotation is sent to the client, which he must confirm in writing. At the same time, acceptance is given by the client of the terms of cooperation in the framework of the certification activities described in the present certification scheme.
- If the application is rejected, the client is informed in writing of the reasons for the rejection.

4.14.4 Preparation/assessment planning

- 4.14.4.1 CU GOEIC prepares an activity plan which covers what, where and when activities will be done.



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- 4.14.4.3 This activity plan is promptly notified to the client. Specifically, with regard of the assessment team names(s).
- 4.14.4.4 When informed about the composition of the assessment team, the client has the right to refuse in writing with reasons (e.g. its competitiveness is affected, or the safeguarding of the client's know-how, due to relationship of the technical manager with competitors, is at risk). In such cases, CU GOEIC redefines the assessment team.
- 4.14.4.5 If the client wishes any consultant, who has participated in the development of the product/quality system, to be present during the assessment, he must inform CU GOEIC. The consultant will attend as an observer.
- 4.14.4.6 Before each assessment/periodic checks, CU GOEIC prepares a detailed activity plan, which is promptly sent to the representative of the client for information and confirmation. If the client wishes to make changes to the assessment timetable, the representative of the client communicates CU GOEIC, in order to make the necessary adjustments.



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4.14.5 Evaluation (site visit and testing activity) and certification decision:

4.14.5.1 For module B:

- The technical manager verifies the completeness and accuracy of the submitted technical documents with reality and performs visual inspection
- The technical manager collect all certificates of compliance of suppliers
- If the technical manager found a discrepancy between the submitted documents and the product examined, he will ask the client to amend/adjust such elements
- CU GOEIC assign a relevant lab to perform tests/checks needed on the responsibility of CU GOEIC
- The technical manager of CU GOEIC submit an interim evaluation report to the technical certifier which review the evaluation and take the final decision.

4.14.5.2 For module C2 (initial site visit):

The technical manager performs the following activities:

- examines the technical documentation (Technical File) to check that the product Type has been made in conformity with that documentation;
- checks which measures have been taken to ensure that the manufacturing process and its control guarantee the conformity of the manufactured products with the Type referred to in the type examination certificate and with the applicable requirements of the Regulation, as well as the adequacy of said measures;
- Witnessing some final checks/tests on one or more products selected from the production.
- issues an audit report;



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- issues a test report concerning the final checks/tests on the products selected from the production, in which the results of the examinations performed are given;
- If any Non-Conformities are found, CU GOEIC assesses them carefully and then decides the most opportune actions to be taken.
- If the result of the checks and controls is positive, CU GOEIC issues the Certificate of conformity to Type.

4.14.5.3 The samples for module B and module C2 are uniquely identified/ sealed by the technical manager. It is the responsibility of the client to deliver the sample(s), if any, to the labs selected by CU GOEIC.

4.14.5.4 If there is non-conformities, the client shall notify in writing CU GOEIC as soon as he has completed the corresponding corrective actions. CU GOEIC, depending on the nature of the nonconformities, can either

- verify the corrective actions upon submission of the necessary documentation by the applicant or
- carry out another assessment, or
- repeat the sampling and tests

4.14.5.5 For each case the detailed procedure for the above is described in the relevant certification procedure

4.14.5.6 During the on-site assessment the client or his authorized representative shall be present.

4.14.5.7 The assessments include investigation of:

- customer complaints,
- changes in locations, facilities, organizational structure,
- possible legal actions made against the client including action by the Competent Authorities in the country of distribution of the product



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4.15 periodic checks and Special assessments

- 4.15.1 Within the validity period of conformity to type certificate the periodic checks on the product(s) will be once every three month on the production site. The frequency of such periodic checks may vary depending on the technological complexity of the products and on the quantity produced.
- 4.15.2 During the periodic checks, CU GOEIC performs the following activities:
- Ensures that the manufacturer regularly checks the products subject to certification;
 - Examines one sample of the certified products and witnesses opportune tests as in the relevant parts of the harmonized standards. Alternatively, CU GOEIC also reserves the right to send the sample a third-party laboratory chosen by CU GOEIC.
 - Issues periodic check report.
- 4.15.3 The technical manager determine the test(s) to be performed, in the visit, taking into account the following criteria:
- Risk based thinking
 - Records of internal production control
 - Client complaint trends
- 4.15.4 If there are no samples of the certified products, neither in production nor in stock, CU GOEIC reserves the right to carry out additional inspections. The repeated lack of samples may lead to the suspension or revocation of the respective certificates.
- 4.15.5 At the end of the periodic check, CU GOEIC communicates the result to the customer; if the result is favorable, the validity of the certificate of conformity to type is confirmed.
- 4.15.6 If any non-conformities are found, CU GOEIC, after adequate assessment, takes the measures considered most suitable depending on the type and importance of the non-conformities. These include, for example:
- increasing the number of periodic checks



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- increasing the number of samples inspected;
- Revocation of the certificate of conformity to type.

4.15.7 The Special assessments may be required due to the following reasons:

- For verification of corrective action.
- If there is evidence, or indications, that the requirements of the standard and/or of this scheme are no longer met.

4.16 Condition for granting and renewal of type examination certificate

4.16.1 The duration of the certification agreement of the type examination certificate is the same as the duration of the type examination certificate itself (10 years) unless otherwise specified by the national legislation concerned.

4.16.3 The granting of the type examination certificate is decided by the technical certifier. Once the granting of type examination certificate is approved by the technical certifier, a certification agreement is signed between the CU GOEIC and the client, which determines the rights and obligations of both parties.

4.16.3 The decision of the technical certifier, concerning the time of signing the agreement between the CU GOEIC and the client, is valid for three (3) months.

4.17 Retention of records by CU GOEIC

4.17.1 Type examination certificate

All records are kept for additional 10 years starting from the expiry date of the certificate plus a safety margin of three (3) additional years.

4.17.2 Conformity to type certificate

All records are kept for 10 years starting from the issue date of the certificate plus a safety margin of three (3) additional years.



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4.18 Acceptance of external conformity assessment documents

Type-examination certificates, or equivalent documents, from accredited conformity assessment bodies or notified bodies are generally accepted, unless GOEIC has a reason to refuse

4.19 Control the granted type examination certificate

The use of type examination and conformity to type certificates granted is covered by the certification agreement between the client and the CU GOEIC.

Note: if there is any type of breaches of the certification agreement, CU GOEIC will contact, without delay, the legal affairs department of GOEIC to take the legal action with the certificate holder.

4.20 Non-conforming products

When a product no longer fulfills certification requirements after it has been placed on the market, CU GOEIC may request the client to take appropriate action which may include, depending on the nature and risk presented by the nonconformity:

- Inform CU GOEIC without delay about the nature/extent of the problem and about correction of any nonconformity.
- Inform and cooperate with the competent market surveillance authorities, as needed.
- If necessary, inform consumers about the risks posed by the product and ask them to return/replace the product in their possession.

4.21 Maintenance and improvement of the scheme

The scheme will be reviewed as part of the management review of the QMS of CU GOEIC, at least once every one year. This review will, among others, include information about the certificates granted, problems reported in the application of its provisions, any feedback from the clients or other stakeholder, developments in the EU or other national legislation.



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4.22 Changes in the scheme and standards

- The present scheme may be modified or revised only after decision of the technical certifier.
- In case there is amendment or changes in standards upon which the product is certified, the technical certifier will take the decision what to do.
- Any changes or revisions shall be communicated in writing to the clients which have been granted a certificate, determining the time limits for the adaptation to the new requirements. In cases of disagreement with the above mentioned changes, the client can discontinue the use of the certificate.

4.23 Scheme documentation

The certification scheme documentation, including any annexes, is issued and maintained by CU GOEIC as part of its QMS documentation.

As part of this documentation, records of any reviews of the scheme are also maintained

4.24 The methodology for calculation of certification fees

4.24.1 We charge commercial fees for our services according to the market. The fees generally consist of the following items:

- Cost of man days needed for examination or lab auditing (minimum one man-day is charged).
- Yearly fees for technical review type examination certificate.
- Administrative fees.
- Certificate price.

4.24.2 No evaluation or testing will be undertaken prior to paying the estimated fees

4.24.3 All quotations are based on the information in our possession at the time of preparing the quotation.

And the client is obliged to pay any additional charges may be made, in future,



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for any work not apparent at the time of quotation, for example:

- Retest work: needed as a result of failure to meet test requirements
- Retest work: if the client wishes to witness testing
- The fee of investigation in the matter of problems resolution

4.25 Extension of type examination certificate

4.25.1 The type examination certificate can be extended:

- To new types of products produced in the same production facility
- To same product types produced in different production facilities of the client.

4.25.2 The extension is granted, after the client submits a new application, accompanied by the relevant documentation, in accordance with TCR. The performance of the necessary assessment and the relevant decision is handled only by technical certifier.

4.25.3 The required assessment in principle and, where appropriate, includes the following:

- If the client wants to extend the type examination certificate to additional product types manufactured on the same production site, the tests to be conducted are as specified in TCR.
- If the client wants to extend the type examination certificate to the same product types produced in other sites, the entire assessment described in TCR is repeated for each additional facility

General Organization for Export and Import Control



GOEIC
C 01-05

Test and Certification Regulation for gas appliances products TCR (GOEIC 03- leather & shoes)

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Part No. (5): Annexes

5.1 Annex 1: A list of standards included in this scheme

| Standards | Directive/technical regulation |
|------------------------|---------------------------------------|
| EN 30-1-1:2008+A3:2013 | GAR 2016:426 |
| EN 30-2-1:2015 | GAR 2016:426 |



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Type examination certificate

No.

Item number

Type evaluation report number **ER 01-2017 <as example>**

Project code

| Model description | Gas category | Normative reference |
|-------------------|--------------|---------------------|
| | | |

For and behalf of
CU GOEIC, a certification unit
of General Organization for
Export and Import Control, Egypt.

Wael Mohamed Araishi
Certification unit manager

Mohamed Alaa El-dien
Quality manager

This Certificate remains the property of CU GOEIC and shall be returned immediately on request. To check its validity telephone 08006667666

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GOEIC certification, an investment for the future



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Part No. (5): Annexes

Conformity to type certificate

No.

Item number
Evaluation report number
Project code
Type examination certificate number

| Model Description | Tests | Normative reference | Gas category |
|-------------------|-------|---------------------|--------------|
| example | | | |

For and behalf of
CU GOEIC, a certification unit
of General Organization for Export and Import Control, Egypt. Mohamed Alaa El-Dien Quality Manager Wael Mohamed Araishi Certification Unit Manager

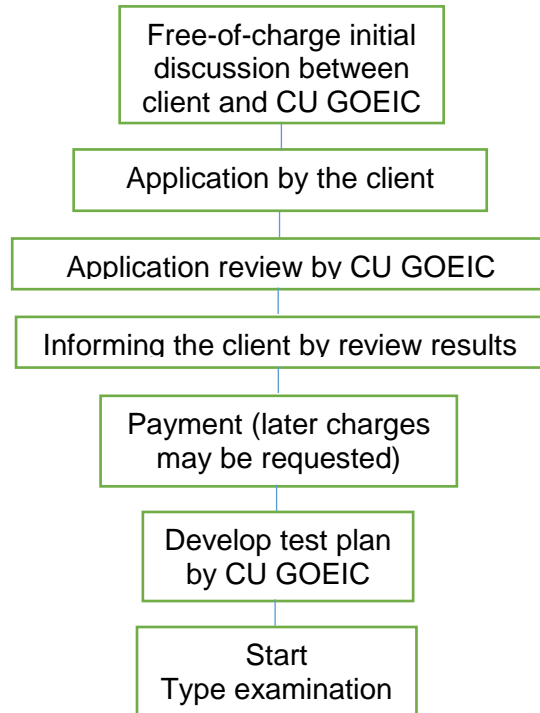
This Certificate remains the property of CU GOEIC and shall be returned immediately on request. To check its validity telephone 08006667666



Part No. (5): Annexes

5.3 Annex 3: schemes of certification trajectory

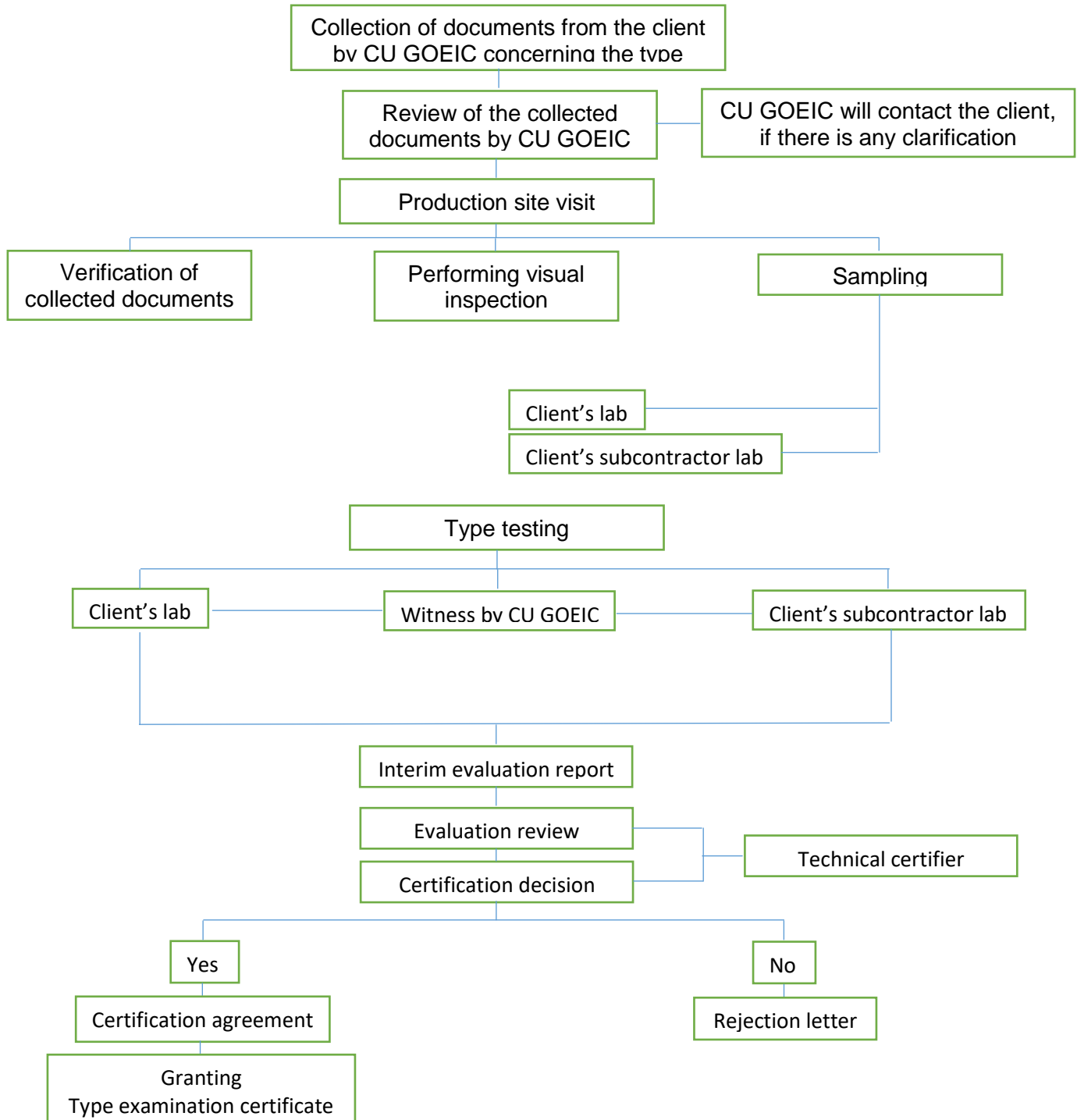
5.3.1 Initial client application scheme





Part No. (5): Annexes

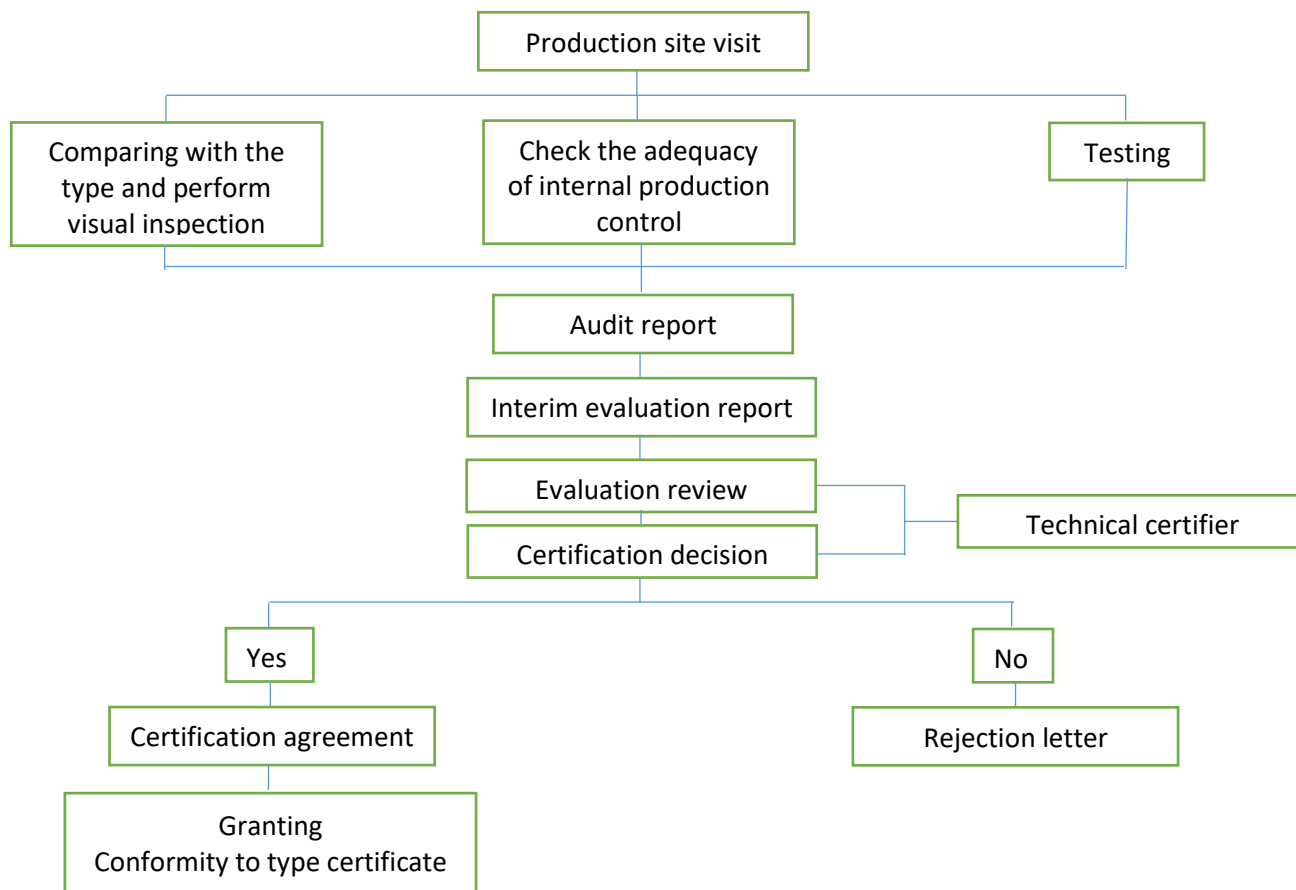
5.3.2 Type examination scheme





Part No. (5): Annexes

5.3.3 Conformity to type scheme



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