CONTENT

SR. NO.	DESCRIPTIONS	PAGE NO.
1.	INTRODUCTION	02
2.	OBJECTIVE	02
3.	DEFINITION	02
4.	RESPONSIBILITY	02
5.	SERVICE TYPE	03
6.	SCOPE	03
7.	APPLICABLE SCHEME & STANDARDS	03
8.	TESTING OF ENERGY DRINKS	04
9.	CERTIFICATION REQUIREMENTS	07
10.	CERTIFICATION PEOCESS	09
11.	UPLOADING OF CERTIFICATES IN MOIAT SYSTEM	12
12.	MARKET MONITORING & VERIFICATION	12
13.	LICENSING AND CONTROL OF THE MARK	12
14.	REPORTING TO THE SCHEME OWNER	12
15.	REFERENCES	13

1. INTRODUCTION

Prime Certification & Inspection is an accredited certification body & MOIAT approved notified Body under its notification system mandated by UAE decree No (35) Of the year 2015 & UAE Cabinet Resolution No (36). Prime C&I is an authorized conformity assessment body by MOIAT that it is technically competent to perform the specific tasks of certification to MOIAT clients.

2. OBJECTIVE

This procedure describes the criteria implemented by Prime C&I as Notified Body of Emirates Authority of Standardization and Metrology (MOIAT) to assure that Non-Alcoholic Formulated Caffeinated Beverage (Energy Drinks) products intended for certification with MOIAT are complying the relevant mandatory schemes and applicable standards.
Furthermore, this document identifies the steps taken by Prime C&I Clients (manufacturers, traders, importers, retailers, business owners or any other client) to get their products/processes certified prior to its commercializing in the market and registered by through Prime C&I Quality Certificates Issuing Services as MOIAT Notified Body by issuing certificates of conformity in accordance with MOIAT Regulations

3. DEFINITION

MOIAT: Ministry of Infrastructure and Advanced Technology.
PRIME C&I: PRIME Certification & Inspection.
Scheme: Certification system related to specified products, to which the same specified requirements, specific rules and procedures apply.
Certification: Third-party attestation related to products, processes, systems or persons.
Notified Body: A conformity assessment body designated by MOIAT to conduct conformity assessment process on products and processes in accordance with related schemes/standards/regulations mandated by MOIAT.
Certification Body: A conformity assessment body designated to conduct conformity assessment process on products and processes in accordance with related schemes/standards/regulations.
Conformity Certificate: Formal document issued by PRIME C&I as notified body under approval of MOIAT stating that certification is being granted for the product/process in accordance with applicable scheme/standards as per MOIAT Requirements.

4. RESPONSIBILITY

It is the responsibility of Prime C&I as MOIAT Notified Body to establish and maintain the appropriate system to satisfy both MOIAT and client's requirements in accordance to the notification system mandated by MOIAT.
It is the responsibility of MOIAT clients and Prime C&I clients to provide all needed requirements as per MOIAT Notification system to ensure their products compliance to the applicable schemes and standards.

5. SERVICE TYPE

As per Scheme owner rules, PRIME C&I certifies Non-Alcoholic Formulated Caffeinated Beverage (Energy Drinks) and issues Certificate of conformity under:

- Emirates Conformity Assessment Scheme (ECAS): ECAS is a Product Certification Scheme being implemented by the (MOIAT) as mandated by the Federal Law 28 of 2001.
- Issuance of certificate of conformity by PRIME C&I as MOIAT's Notified Body assures the compliance of products/production process with the requirements of the approved schemes, standards and others specified in the technical regulation by Emirates Authority for Standardization and Metrology (MOIAT).

6. SCOPE

This document cover certifies Food - Non-Alcoholic Formulated Caffeinated Beverage (Energy Drinks) Products as per UAE regulations for production, storage & transportation and trading of non-alcoholic energy drinks and does not include athletes' drinks.

7. APPLICABLE SCHEME & STANDARDS

Applicable Scheme

Board of Directors Decision no. 19 for the year 2011 related to the regulations of Energy Drinks.

Applicable Technical Standard

UAE.S 1926:2015 - Energy Drinks

General Standards/Regulations

Requirements of Production, Packaging, Labelling, Storage & Transportation: The product shall be fit for human consumption and comply to related technical regulation for each type and it shall full fill the following requirements;

- The unit shall implement food safety management system as HACCP/ISO 22000/GMP/GHP/ISO 9001, or another recognized international quality/food safety management system (If Required).
- General Principles of Food Hygiene - UAE.S GSO 1694 and UAE.S GSO 21 - Hygienic Regulations for Food Plants and Their Personnel
- UAE.S GSO 9 - Labeling of Prepackaged Foodstuffs, GSO 2233 - Requirements of Nutritional Labeling and UAE.S/GSO (CAC GL 1 2008) - General Guidelines on Claims.
- UAE.S GSO 11 - Non-alcoholic soft drinks - initial screening and estimation of total acidity and sodium carbonate.
- UAE.S GSO 12 - Non-alcoholic soft drinks - Determination of carbon dioxide.
- UAE.S GSO 13 - Non-alcoholic soft drinks - Determination of sulfur dioxide.
- UAE.S GSO 21 - Health conditions in food factories and their employees.
- UAE.S GSO 14 - Non - alcoholic soft drinks - Determination of phosphoric acid content.
- UAE.S GSO 20 - Methods of Determination of Contaminating Mineral Elements in Foodstuffs.
- UAE.S GSO 654 - General requirements for packaged foods with special nutritional uses.
- GSO 839: Food Packages - Part 1 - General Requirements.

- GSO 1016: Microbiological Criteria for Food – Part-1
- GSO 150/1993 - Expiration Periods of Food Products - Part 1 and GSO 1023/2000 - Expiration Periods for Food Products - Part 2
- UAE.S GSO 1793 - Two-piece round aluminum cans used for food packaging (refreshments and juices).

8. TESTING OF ENERGY DRINKS - NON-ALCOHOLIC FORMULATED CAFFEINATED BEVERAGE PRODUCTS

8.1 General Requirements
• All substances used in the manufacture of the beverages shall comply with relevant standards.
• The product shall be manufactured according to the Hygienic criteria requirements of GSO 21: Hygienic Regulations of Food Plants and their Personnel.
• These products shall not be manufactured or imported prior to registration with the relevant authorized official body.
• The product shall be free of prohibited stimulants and hormones.
• Gas content in the product shall be in accordance with good manufacturing practices.
• Food additives must comply with the limits mentioned in UAE.S/CAC 192: General Standard for food additives.
• The caffeine content in the product shall not be less than 14.5 mg/100 ml and shall not exceed 32 mg/100 ml. (14.5-32mg/100ml).
• The product shall be free from foreign residues, moldy and fermentation odors, and other impurities.
• Microbiological limits shall not exceed the allowed limits in GSO 1016: Microbiological Criteria for Foods - Part 1.
• Contaminant and toxin limits shall not exceed the limits established in GSO/CAC 193: General Standard for Contaminants and Toxins in Food and Feed.
• The product shall comply with the provisions of Islamic law and the rules of the GSO 2055-1: General Requirements for Halal Food. (Product approval of Islamic Sharia (such as alcohol content, pork products, suitable packaging, etc.), and any decisions or legislation in the country).
• Ethanol content shall not exceed 0.3% of the final product resulting from the presence of natural ingredients such as: fruit or malt, it's not allowed to add alcoholic products or ethanol during the manufacturing.
• If any artificial sweeteners are added, the GSO 955: Sweeteners Permitted for use in food products shall apply, and the added percentage and relevant warnings for the used sweetener should be mentioned.
• The product shall be packaged in safe, suitable and dry containers free from defects and provided with a

tight seal to preserve the integrity of the product and protect it against spoilage and contamination, in compliance with the GSO 1793: The Two Pieces Aluminum Round Cans used for canning food (beverages & stuffs) and GSO 839: Food Packages - Part 1 - General Requirements.

- Samples are taken in compliance with the GSO 1409: Non-alcoholic Carbonated Beverages – Sampling.
- Testing is conducted in compliance with the GSO 11: Non-alcoholic Carbonated Beverages – Preliminary Examination and Determination of Total Acidity and Sodium Carbonate Contents and GSO 1413: Non-alcoholic Carbonated Beverages – Methods of Bacteriological Examination.
- Without prejudice to the GSO/CAC 193: General Standard for Contaminants and Toxins in Food and Feed, heavy metals shall not exceed the limits established in Table 1.

Table 1: Maximum Limits for Heavy Metals

Heavy Metals	Maximum Limit (parts per million)
Lead	0.02
Cadmium	0.01
Mercury	0.01
Tin	250
Non-organic Arsenic	0.1
*Arsenic	1.0
Iron	0.5
Copper	2.0

* If the total arsenic (organic and non-organic) exceeds the value listed in the table, check the maximum concentration of the non-organic arsenic

8.2 Labelling Requirements

- Without prejudice to the provisions of the Standards - GSO 9 (Labeling of Prepackaged Foods), GSO CAC GL 1 (General Guidelines on Claims, GSO 2233: Requirements of Nutritional Labeling and GSO 2333: Requirements for Nutrition and Health Claim in Food. All the labels information shall appear in Arabic and may be written in any other language alongside Arabic.
- The following warnings should be written clearly and prominently, in order to be easily legible and preceded by the words (Health Warning):
  - Not allowed for pregnant or lactating women, persons under the age of 16 years (2, persons with sensitivity to caffeine, and those who suffer from certain diseases may affect on their health conditions

especially heart, arterial patients as well as athletes during exercise.
- It reduces the ability to sleep in excessive quantity because they contain high levels of stimulants.
- High caffeine content - if the caffeine more than 150 mg/L.
- Don't consume more than the amount of one-day as given in Table-2.

- Nutritional information for the ingredients should be stated in compliance with the Standard - GSO 2233: Requirements of Nutritional Labeling, provided that the measuring unit used for caffeine and all other components is milligram per 100 ml, without mentioning the equivalent Recommended Daily Requirement (RDA) for vitamins or any other such expression.
- The expiry date shall be indicated in compliance with the Standard - GSO 150-2: Expiration Dates of Food Products - Part 2: Voluntary Expiration Dates.
- The daily individual consumption of the following substances, if any, in the product shall comply with Table-2.

Table 2: Maximum Limited for Allowed Consumption per Day

Substance	Maximum amount per one-day quantity
Thiamin	40 mg
Riboflavin	20 mg
Niacin	40 mg
Vitamin B6	10 mg
Vitamin B12	10 µg
Pantothenic acid	10 mg
Taurine	2000 mg
Glucuronolactone*	1200 mg
Inositol	100 mg

*The limit will be mandatory when energy drinks contain caffeine, taurine and/or inositol.

9. CERTIFICATION REQUIREMENTS

Requirements vary depending on the scope of certified products; Details of the documents required for certification for the scope of Energy Drinks as per Scheme Owner (MOIAT) requirements are detailed as following:

9.1 Supportive Documents:

Product Type Approval

- Valid UAE Industry/Trade License.
- Registration certificate for Industrial Measurement System (if available, otherwise provide declaration for getting IMS within 6 months).
- Application form (Online)
- Test Report from accredited and recognized laboratory as per the technical requirements mentioned under UAE.S GSO 1926:2009. Validity of Test report should be only one Year.
- Declarations:
  - i. Declaration of Conformity with standard UAE.S GSO 1926 - Energy drinks by the Applicant on the Product(s) for Registration using the Applicant's Official Letterhead.
  - ii. Declaration of Safe Daily Intake.
  - iii. Electronic Declaration of Conformity.

- List of used additives used with percentage of each additive.
- Health certificate documented and approved by the competent authorities in the country of origin to prove that the product is fit for human consumption.
- Distributor ownership (for Traders only)
- Certificate of origin.
- Halal Certificate from approved body by UAE, this certificate must authenticate from ministry of environment.
- Document shows that this factory has an effective FSMS. Controlled Copy of relevant (FSMS) Manual (Soft Copy/in CD/DVD).
- Fulfill the requirements of the card Label, warning label and affixed labels mentioned under annex (6) in the Gulf standard UAE.S GSO 1926: 2009.
- Finish Product Label
- Specification documents for ingredients, packing materials, process aids and final product.
- Copy of Current / expired Product certification certificate / document (if available)

9.2 Application for Certification (Application Form):

Application to be filled by the client will contain all the necessary information needed by PRIME C&I conducting the certification Process, such important information is:

- Type of Product to be certified: Product to identify the related scheme implemented by MOIAT
- Relevant standard/ or normative documents clients is seeking certification for.
- General information: Applicant Business activities & related business facilities & relationship

between their facilities, in relevance to the certification scheme applied for information about outsourced Processes relevant to Product conformity.

- Any other information needed related to certification requirements.

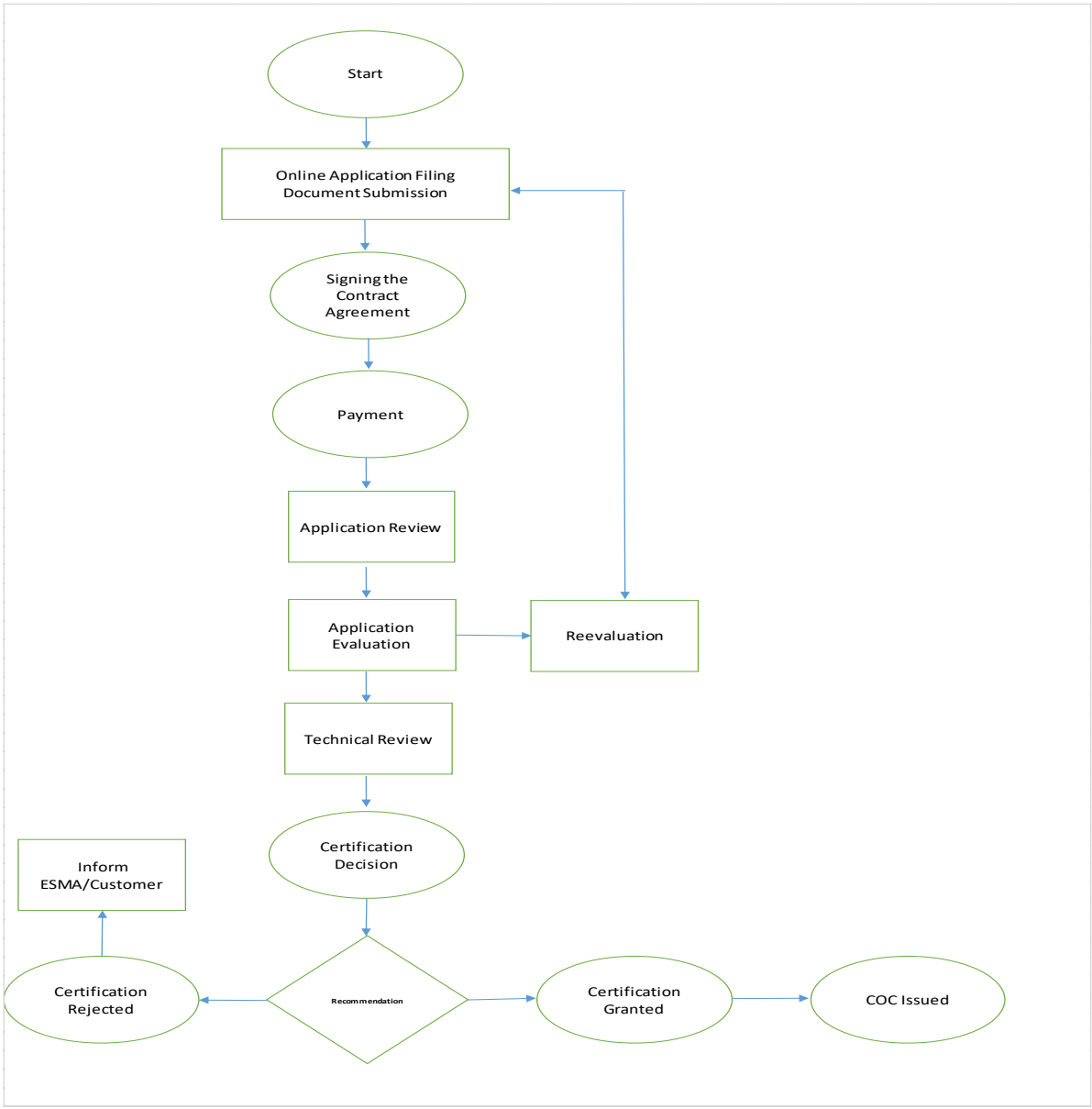
9.3 Legal Agreements

By signing the application form, the applicant and the manufacturer agrees to comply with these General Rules and with the Specific Product Standard for the product covered by;

- Certification Agreement:
- Non-Disclosure Agreement

9.4 Fees as detailed in Certification Agreement.

10. CERTIFICATION PEOCESS



10.1Preparatory Steps:

- Application Form shall be submitted by applicant to PRIME C&I, submission can be done via PRIME C&I's affordable communication methods (mail, emails, hard copy, website, E-System).
- Sales and Marketing Executive/Administrative assistant will review it to check documents availability on a primary basis.
- A quotation will be sent to applicant by Head of Sales and Marketing; containing the scope of certification and fees related to each step of the certification process.
- Payment shall be done by applicant.

10.2 Application Review:

- Upon acceptance of quotation by client, he is requested to sign the General Conditions for Certification Services.
- Application along with related supportive documents will be received by PRIME C&I's Operation Manager/Technical Manager who shall assign one of PRIME C&I's technical team members (Lead Auditor/Auditor).

10.3 Application Evaluation

Auditor shall perform conformity assessment (Evaluation) steps related to the certification scheme.

Product Certification

- Detailed documents review for all the documents
- Document review includes the checkup for Test Reports parameters and results, done by 3rd party Laboratory according to the specific technical regulations and applicable standards.
- Evaluation of product the eligibility of the Product for certification to assure compliance according to applicable schemes and standards

Note: No of Samples to be selected for testing is defined by the specific technical requirements and as per scheme owner (ESMS).

10.4 Evaluation Outcome Results:

- If evaluation is pending for missing or invalid documents or other needed information to complete evaluation; Additional Supportive Documents will be requested by Applicant.
- Evaluation includes Product Safety Verification through test reports provided on all safety Test parameters requested by applicable scheme/standards, test reports shall be issued by 3rd party accredited Laboratory sub-contracted according to the approved Standards and applicable technical requirements.
- If test reports are not complying with Standards; Lead Auditor/Auditor requests rectification of the non-complying aspects, then based on applicant confirmation of rectification, Collection of samples will be done to conduct the same laboratory tests again and for once.
- Evaluation will be repeated upon applicant re-submission of needed documents/information.
- Prime C&I Arabic translator shall review the product label and evidence of the reviewer signature shall be placed on the document.

10.5 Technical Review:

Technical Manager or a delegates appointed (not the same evaluator of application) will perform technical review to verify evaluator's recommendation by checking if assessment checklist content is found satisfactory along with complete review for the whole application and supportive documents, and then grant the final recommendation to the Certification Decision Committee.

10.6 Decision of Certification:

Upon submission of this information, and as per the result of documents review and completing product evaluation process,

- **Approval of Product certification:** Product evaluation shows full compliance with applicable schemes/standards:
  - Certification decision will be done by Decision Committee
  - Granting the issuance of Certificate of conformity, recognized by scheme owner (MOIAT)
  - Certified Products will be listed in Directory of certified clients for product certification.

- **Rejection of Product certification:** Product evaluation shows non-compliance with applicable schemes/standards, due to any reason preventing product from Certification:
  - Rejection decision will be done by Decision Committee
  - Prime C&I will inform client/MOIAT by an Official rejection statement (Letter of certification Status) by e-mail stating the reason of rejection.

10.7 Notes for clients

- For some scopes where it is required to have a quality system available, clients seeking to be certified for any of their Products to Schemes and applicable standards through PRIME C&I are requested to implement relevant Quality System including documentation in a way to meet all requirements of this standard and all relevant specific standards depending on the nature of service (certified Product& Process).
- In case of a Client newly operating, and seeking to be certified, Client is required to demonstrate more than 3 months compliance against the standard immediately preceding the date of the Pre-Assessment performed by PRIME C&I. This will prove the efficacy and sustainability of the implemented system. After which PRIME C&I will be contacted to decide for required audits and Certification.
- Client seeking extension or renewal of Certification scope shall as well submit the self- assessment checklist specifying the extension or renewal of the Certification scope.
- Whenever applicable, Additional Certification requirements per Certification schemes: Legal & Quality documents (such as Client Quality Manual) and supportive documents (records and checklists used by applicant), are to be attached to the Self-Assessment Checklist requirements and submitted along with the application as well.

10.8 Renewal

Product Certification (ECAS)

- Validity of certificate is One year
- COC should be renewed 2 months prior expiry.

11. UPLOADING OF CERTIFICATES IN MOIAT SYSTEM

As a Notified Body, it is the responsibility of Prime C&I to transfer the information to the scheme owner by uploading the Certificate of Conformity and other relevant documents in the scheme owner's (MOIAT) online portal. The steps after the Certification Decision (only when recommendation is approved) are as follows;

1. Upon receiving the approval of the Decision Committee, the file should be given back to the responsible Lead Auditor/Auditor.
2. The Lead Auditor/Auditor shall communicate with the Operation/Accounts Department to arrange for the payment in MOIAT portal.
3. When the payment is posted, the Lead Auditor/Auditor shall be able to retrieve the certificate no. and QR code from MOIAT portal.
4. The Lead Auditor/Auditor shall prepare the draft certificate along with correct and accurate information.
5. The draft certificate should be sent to the client for their confirmation. Once it is confirmed, final certificate shall be shared to the client.
6. The Technical Manager/Lead Auditor should then upload the certificate in MOIAT portal including the product list that should contain the necessary information such as model no., barcode, brand name, product description, country of origin, report no., applicable standard, etc.

12. MARKET MONITORING & VERIFICATION

After the certification process the product sample will be collected. The sample will be collected from customer premises, warehouse, outsourced premises / market for verify the product conformity.
The product sample will also be collected for verify the product conformity, the sample collection will be during the initial assessment period, recertification audit period, complaints from market, public and regulatory authority etc.
Prime C&I will conduct regular marketing monitoring & verification for the following purpose:

a. Inspecting and taking samples of the product in the local market and conducting tests on them to make sure that the product meets the requirements of relevant UAE resolution.
b. PRIME C&I will be conducting Market Surveillance campaigns in the local markets to assure continuous compliance of certified products and inform Scheme owner on immediate basis on the non-conformity products to take the appropriate action.

13. LICENSING AND CONTROL OF THE MARK

Please refer to QP-11 – Annex-C - Procedure for Use of License, Certificates and Marks of Conformity for Product Certification for EQM & ECAS. (Ref. MoIAT - USAGE POLICY FOR EQM LOGO - CAPOL-06 - November 12, 2015 - Revision: 1) & Usage Policy for ECAS Mark (ECAS Mark of Conformity) - CAPOL-07 – Rev.. 02.

14. REPORTING TO THE SCHEME OWNER

Dissemination of Significant Information to the Scheme Owner and other Concerned Parties please refer to Procedure for Certificate issue, suspension and withdrawal (QP-10).

15. REFERENCES

General Requirements for Notified Bodies – MOIAT Document. Requirements for Registration –MOIAT Documents-Available in MOIAT website and Prime C & I website and upon request by Prime C&I Staff.

- Board of Directors Decision no. 19 for the year 2011 related to the regulations of Energy Drinks.
- ISO/IEC 17065, Conformity Assessment - Requirements for bodies certifying Products, Processes and services.
- ISO/IEC 17021, Conformity Assessment — Requirements for bodies Providing audit and Certification of management systems.
- ISO 9001:2015 - Quality Management Systems
- General Requirements Accreditation of ISO /IEC 17065 Product Certification Bodies
- ISO/IEC 17000, Conformity Assessment — Vocabulary and general principles.
- ISO/IEC 17020, Conformity Assessment— Requirements for the operation of various types of bodies performing inspection.
- ISO/IEC 17025, General requirements for the competence of testing and calibration laboratories.
- ISO17067, in combination with ISO Guide 28 and ISO Guide 53
- ISO/IEC 17030, Conformity Assessment — General requirements for third-party marks of conformity.
- ISO Guide 23:1982 Methods of indicating conformity with Standards for third-Party certification Systems
- ISO Guide 27:1983 Guidelines for corrective action to be taken by a certification body in the event of misuse of its mark of conformity
- General Requirements for Notified Bodies issued by Emirates Authority for Standardization and Metrology (MOIAT).
- Prime C & I Quality Manual