



## KENYA ACCREDITATION SERVICE

Document Title: Criteria for Environmental Management Systems (EMS)

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### Approval and Authorization

Completion of the following signature blocks signifies the review and approval of this Document.

Name	Job Title / Role	Signature	Date
Authored by	Case officer Certification	<i>Approved</i>	07/09/2016
Checked by	Assistant Director Certification	<i>Approved</i>	07/09/2016
Approved by	Assistant Director Certification	<i>Approved</i>	07/09/2016

### Periodic Review Approval and Authorization

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Required by: 09/2019

Name	Job Title / Role	Signature	Date
Checked by			
Approved by			

Required by: 09/2022

Name	Job Title / Role	Signature	Date
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## 1 Purpose

This criterion sets out the Accreditation requirements for Certification Bodies providing certification for the Implementation of the Environmental Management Systems ISO 14001 and meeting the requirements of ISO/IEC 17021-1, ISO/IEC TS 17021-2 and related IAF mandatory documents, KENAS policies, procedures and guidance documents. It has been prepared in conjunction the Management Systems Certification Technical Committee.

## 2 Scope

This document spells out the additional requirements to ISO/IEC 17021-1 and outlines unique Kenyan requirements for third-party certification bodies accredited by KENAS. The criteria in this document will be applied in conjunction with those in the assessor guide KENAS-GUD-003, the procedure on Management of Assessment, Surveillance, Re assessment and Reporting KENAS-TS-OP-010 and the relevant IAF Mandatory Documents. Accreditation shall be on the basis of demonstrated competence of the Certification Body in line with IAF sector codes and the NACE sub codes.

The determination of the scope of accreditation will be defined as per IAF ID 1: IAF Informative Document for QMS and EMS Scopes for Accreditation and the lists of scopes of accreditation are based on the statistical nomenclature for economic activities NACE rev. 2 published by the Commission of European Communities (official Journal L 393/1, 30.12.2006) and a brief description of the activities of the CB.

## 3 Terms and Definitions

The terms and definitions in ISO/IEC 17021-1, ISO/IEC TS 17021-2, ISO 14051 and ISO/IEC 17000 shall apply in addition to the following:

Term	Definition
EMS technical area	area characterized by similar activities, products or services and the related environmental aspects



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<b>Employee</b>	All individuals whose work activities support the scope of the certification/ registration as described by the environmental management system
<b>Auditor time</b>	the time spent by an Auditor or Audit Team in planning (including off-site document review, if appropriate); interfacing with organization personnel, records, documentation and processes; and reporting writing
<b>Effective number of employees</b>	Includes non-permanent (seasonal, temporary and sub contracted staff that will be present at the time of audit
<b>Auditor Day</b>	a full normal working day of 8 hours
<b>NACE codes: Nomenclature generale des Activites economiques dans les</b>	Classification of industries established in the European Communities. (NACE) Statistical classification of economic activities in the European Community

## 4 Role(s) and Responsibility

Role	Responsibility
Certification Team	Periodic review
CBs	Implementation of this guidance document

## 5 Requirements for Accreditation

The requirements for management system implemented by the certification body including requirements for management system manual; document and record control; preventive actions, nonconformities and corrective actions; internal audits; management reviews; complaints shall be as outlined in ISO/IEC 17021-1

### 5.1 Determination of Scope

5.1.1 KENAS has adopted the 39 Scope Sectors recognized by IAF and would utilize the IAF document on "scoping" for IAF ID1 and the Scope sectors based on the statistical nomenclature for economic activities NACE rev. 2 published by the Commission of European Communities (official Journal L 393/1, 30.12.2006) classification. For the



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purpose of accreditation more specific description of the technical areas would be required.

## 5.2 Human Resource Requirements

- 5.2.1 The CB would be expected to identify the technical areas for which it seeks accreditation and clearly demonstrate that it has the competence to offer certification in these areas.
- 5.2.2 The Certification body shall document relevant competence criteria as a basis for selecting auditors and/or technical experts.
- 5.2.3 The certification body shall define the competence requirements for each relevant EMS technical area and for each function in the certification activity. The certification body shall take into account all the requirements specified in ISO/IEC TS 17021-2:2012 Clauses 5, 6 and 7 of that are relevant for the EMS technical areas as defined by the certification body. See Tables A.1 and A.2 for a summary of the competence requirements for personnel involved in specific certification functions.
- 5.2.4 The Certification Body shall define the specific knowledge and skill of its personnel in line with the table below and the detailed competence requirement as highlighted in A2.

“X” indicates that the certification body shall define the criteria and depth of knowledge and skills.

**Table A.1 — Knowledge for EMS auditing and certification**

Knowledge	Certification functions		
	Conducting the application review to determine audit team competence required, to select the audit team members, and to determine the audit time	Reviewing audit reports and making certification decisions	Auditing
Environmental terminology	X (7.1.1)	X( 7.2.1)	X (5.1)
Environmental metrics	N/A	N/A	X(5.2)



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Environmental monitoring techniques appropriate to the aspects and EMS technical area	N/A	N/A	X(5.3)
Techniques for evaluation of environmental aspects and impacts and their environmental significance	X (7.1.2)	X(7.2.2)	X(5.4)
Environmental aspect of design	N/A	N/A	X(5.5)
Environmental performance evaluation	N/A	X(7.2.3)	X (5.6)
Legal and other requirements	N/A	X(7.2.4)	X (5.7)
Emergency preparedness and response	N/A	N/A	X (5.8)
Operational control	N/A	N/A	X(5.9)
Factors related to the site	X (7.1.3)	N/A	X (5.10)
NOTE N/A means not applicable			

**Table A.2 — Knowledge for specific aspect**

Knowledge	Certification functions		
	Conducting the application review to determine audit team competence required, to select the audit team members, and to determine the audit time	Reviewing audit reports and making certification decisions	<b>Auditing</b>
Aspects			
Emissions to air (6.1)			
Gases and particulate matter	N/A	N/A	X (6.1.1)
Operational Control	N/A	N/A	X(6.1.2)
Monitoring and measurement	N/A	N/A	X(6.1.3)
Releases to land (6.2)			



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Liquid or solid releases	N/A	N/A	X(6.2.1)
Operational Control	N/A	N/A	X(6.2.2)
Monitoring and measurement	N/A	N/A	X(6.2.3)
Releases to water (6.3)			
Surface and ground water	N/A	N/A	X(6.3.1)
Operational control	N/A	N/A	X(6.3.2)
Monitoring and measurement	N/A	N/A	X(6.3.3)
Uses of raw materials, energy and natural resources (6.4)			
Upstream management - Use of natural resources (e.g. fossil fuels, water flora and fauna, land)	N/A	N/A	X(6.4.1)
Downstream management (source reduction, minimization, reuse, recycling and treatment practices and processes)	N/A	N/A	X(6.4.2)
Operational control	N/A	N/A	X(6.4.3)
Monitoring and measurement	N/A	N/A	X(6.4.4)
Energy emitted (heat, light and ionizing radiation, vibration, noise) (6.5)			
Sources of energy emissions	N/A	N/A	X(6.5.1)
Operational control	N/A	N/A	X(6.5.2)
Waste (6.6)			
Sources of waste	N/A	N/A	X(6.6.1)
Operational control	N/A	N/A	X(6.6.2)
Physical attributes (6.7)			
Physical attributes	N/A	N/A	X(6.7.)
NOTE 1 The above aspects reflect the points of ISO 14001:2004, Annex A.			
NOTE 2 N/A means not applicable.			

5.2.5 The certification body shall define the competence requirements for the group or individual involved in other certification functions that includes the generic competence described in ISO/IEC 17021



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and the EMS knowledge described in 6.2 and 6.3. and ISO/IEC TS 17021-2

- 5.2.6 The CB must have carried out a competence determination in the technical areas for which it seeks accreditation in accordance with the criteria document ISO/IEC 17021
- 5.2.7 The certification body shall ensure that the persons involved in the audit process including review of application to making of certification decisions are competent for the specific scopes.
- 5.2.8 The CB shall have a procedure for initial qualification and subsequent monitoring of its auditors and experts based on ISO/IEC 17021 and ISO/IEC/TS 17021-2 The CB shall establish procedures for qualifying an auditor / expert for a specific technical area.

### 5.3 Determination of audit time

- 5.3.1 The certification body shall ensure that audit time and audit duration are clearly defined to allow audit objectives to be achieved.
- 5.3.2 Calculation of man days for audits shall following the principles described in IAF-MD5. For each calculation the rationale shall be recorded.
- 5.3.3 Audit time shall be determined based on but not limited to the following factors:

#### Increase in audit duration:

- Complicated logistics involving more than one building or location where work is carried out. e.g., a separate Design Centre must be audited;
- Staff speaking in more than one language (requiring interpreter(s) or preventing individual auditors from working independently);
- Very large site for the number of personnel (e.g., a forest);
- High degree of regulation (eg. food, drugs, aerospace, nuclear power etc);
- System covers highly complex processes or relatively high number of unique activities;
- Activities that require visiting temporary sites to confirm the activities of the permanent site(s) whose management system is subject to certification.
- Higher sensitivity of receiving environment compared to typical location for the industry sector;
- Views of interested parties;
- Indirect aspects necessitating increase in auditor time;
- Additional or unusual environmental aspects or regulated conditions for the sector.

#### Decrease in audit duration:

- Low risk products or processes (for EMS, this is captured in Table EMS 1);
- Very small site for number of personnel (e.g. office complex only);
- Maturity of management system;
- Combined audit of an integrated system of two or more compatible management systems;
- Prior knowledge of the client management system (e.g., already certified to another standard by the same CAB);



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- Client preparedness for certification (e.g., already certified or recognized by another 3<sup>rd</sup> party scheme);
- Low complexity activities, e.g.
- Processes involve a single generic activity (e.g., Service only);
- Identical activities performed on all shifts with appropriate evidence of equivalent performance on all shifts based on prior audits (internal audits and CAB audits);
- Where a significant proportion of staff carry out a similar simple function.
- Where staff include a number of people who work “off location” e.g. salespersons, drivers, service personnel, etc. and it is possible to substantially audit compliance of their activities with the system through review of records.

## 5.4 Initial assessments

During the initial assessment the implementation of policies and procedures is assessed at the office(s) of the Certification body. The content and extent of the assessment shall at least ensure that:

5.4.1 An application for initial accreditation or extension of scope shall at least include each of the following:

- An analysis of environmental aspects and associated impacts for each of the technical areas identified and requested for accreditation;
- A definition of the competency required related to the identified environmental aspects;
- Information about the availability of this competency (competence evaluation of (sub-) contracted auditors or experts for specified technical areas).
- Identification of additional requirements or specific guidelines to be used these technical areas.
- Adaptation of) The analysis regarding the identification of potential impartiality risks with respect to EMS certification and approval of the impartiality committee thereof, after the composition has been adapted (where necessary) to ensure the representation of parties involved with EMS certification.

5.4.2 During the office assessment the team samples the files of clients and personnel to cover the scope for which accreditation is sought. At least 1 client and 1 auditor file per IAF sector requested shall be reviewed completely, unless more than 10 IAF sectors have been requested, in which case sectors may be omitted in the sample. This is to be determined by the Team Leader, who should apply the following guidelines:

- Only the less complex sectors should be omitted (so in principle not the so- called “witness obligatory” sectors, ref. appendix 1);





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- Dossiers from each of the clusters (see appendix 1) should have been assessed (i.e. the sample should be representative for the scope requested);
- In total, more than 10 certification dossiers shall be assessed.

#### 5.4.3 Files reviewed during office assessment:

- Initial: at least 1 file per IAF sector requested (normally with a maximum of 10 files).
- Re-assessment/surveillance On sampling basis:  $\frac{1}{3}\sqrt{N}$  \*\*\*, at least one dossier per accredited clusters (see appendix A)
- Extension of scope At least 1 file per IAF sector requested
- the records demonstrating the certification process, including application, contract review, team assignment and information about competence, audits, reporting and decision records.

N indicates the number of certificates currently valid under KENAS accreditation or of the relevant scope being sought.

#### 5.5 Witness audit plans for initial / reassessment

5.5.1 In the Annex 1 the critical codes have been identified for each technical cluster. A critical code is a code that from a technical point requires the CB's audit team to have a higher level of

- competence (due to the complexity of the processes / environmental aspects involved)
- or
- caution (due to the risk of non-conformities and their impact, or to the high degree of regulation) or
- diligence (due the desired personal behaviors that are important for personnel involved in certification activities as required in a specific context)

5.5.2 A witness in each of the "witness obligatory" sectors and one per cluster, with a minimum of 2 audits.

5.5.3 When a full scope, i.e. all technical areas, is requested, KENAS may decide not to witness in all "obligatory" sectors.

5.5.4 The first and last audits should normally not be more than 6 months apart.

5.5.5 At least 1 of the audits should include both a stage I and a stage II audit where possible (if for scheduling reasons it is not possible to perform these with the same client, KENAS may consider to perform these at separate clients).

5.5.6 The auditee for the audit, which will be observed, should be a reasonable representation for the requested scope of accreditation.



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## 5.7 Surveillance and reassessments

- 5.7.1 The implementation of the ISO 14001 certification system shall be verified during each surveillance assessment by KENAS.
- 5.7.2 The files reviewed during the subsequent surveillances and the reassessment in a three years period (accreditation cycle) shall cover all the clusters mentioned in **annex 1** for which the CB is accredited.
- 5.7.3 For each 3 year period, the number of witnesses will be determined based on the following factors:
- 1 for each cluster of sectors included in the scope of the CB; or
  - 1 per  $\sqrt{(\text{number of auditors qualified for EMS certification})}$ .
- 5.7.4 When the second factor gives the higher number of witness assessments, the witness assessments should also be spread over all clusters. This formula ensures that both a higher diversity in technical areas and a higher number of auditors will increase the number of witness assessments. Appendix A indicates both the "witness obligatory" sectors and the clustering used to determine the witness regime for surveillance and re-assessments.
- 5.7.5 The application of IAF-MD1 (multisite), IAF-MD3 (ASRP) and IAF-MD4 (CAAT) shall be verified at least once during the accreditation cycle, when applicable.
- 5.7.6 The functioning of the impartiality committee (if constituted) of the body is reviewed in-depth at least once during the accreditation cycle.
- 5.7.7 The KENAS Assessment Team Leader shall determine the method, which may include an interview (face-to-face, or telephone conversation) with a representative (non-CAB) of the Committee, or the attendance to (part of) one of their meetings.
- 5.7.8 For each accreditation cycle (surveillances and reassessment), the number of witnesses will be determined based on the following factors:
- 1 for each cluster of sectors included in the scope of the CB; or
  - 1 per  $\sqrt{(\text{number of auditors qualified for QMS certification})}$ ;  
(whichever gives the higher number, with a maximum of 10).
- 5.7.9 When the second factor gives the higher number of witness assessments, the witness assessments should also be spread over all clusters. This formula ensures that both a higher diversity in technical areas as well as a higher number of auditors will increase the number of witness assessments.
- 5.7.10 In the application of the above guidelines, it shall be considered whether witness assessments may serve for multiple schemes (e.g. by witnessing combined audits) and how many witness assessments are performed in other schemes.

## 5.8 Scope extension

- 5.8.1 The assessment by KENAS in case of an application for an additional scope sector consists of one or more of the following assessment methods:
- i. A review of documents and records;



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- ii. A visit to the office of the CB, to verify documents and records and to interview relevant staff;
- iii. A witness assessment.

5.8.2 At least the defined requirements for competence in that sector, records of the qualification process of auditors for that sector, and a complete certification dossier in that sector will be verified in a scope extension assessment.

5.8.3 Extension assessments: a witness shall normally be performed in each “witness obligatory” sector, and in a first sector in a new cluster; other sectors may be assessed on the basis of documentation.

## 5.9 General remarks on witnessing

5.9. At least two weeks before the witnessing the KENAS Assessment team shall be provided with:

5.9.1 The records of the CB’s contract review for this organization (including qualification records for the auditors used);

5.9.2 In case a surveillance or recertification audit is witnessed, a copy of the ISO 14001 certificate issued by the CB;

5.9.3 The report of the CB’s pre-assessment or stage 1 assessment of the organization’s QMS (or other latest report) and an audit plan.

5.9.2 Besides the above mentioned considerations for selection of audits to be witnessed, KENAS will consider the following:

5.9.3 KENAS will normally not witness the same auditors that have been witnessed in the same scheme before;

5.9.4 KENAS will normally not witness an audit at the same organization;

5.9.5 In an accreditation cycle at least one third (with a minimum of 1) of the audits to be witnessed should be

initial or recertification audits

5.9.6 Witnessing of audits includes the review of the audit report.

5.9.4 To be able to select the audits to be witnessed, the CB shall on request of the Accreditation Body provide a planning for the audits to be conducted in a certain period. The information on these audits shall include as a minimum:

- type of audit (initial, recertification or surveillance);
- name and address of auditee;
- audit standard(s);
- scope of certification;
- name(s) of auditors(s) and expert(s);
- date(s) of the audit.

## 5.10 Specific assessment issues



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5.10.1 KENAS shall in particular focus on the following issues during the document review and the office assessment of CB's for ISO 14001 certification:

- participation of interested parties in the impartiality committee(if constituted) (emphasis will be placed on balance and on participation of interested parties outside potential certificate holders);
- auditor competence (including development of criteria for technical areas, the evaluation and authorization process for auditors and staff);
- application review, including the use of EMS competence, audit team composition and audit time allocation;
- audit and certification procedures, including the two stage auditing process;
- procedures for multi-site certification (including sampling techniques), if applied.

5.10.2 During witness assessments, KENAS assessment teams will pay special attention to good auditing practices, such as sampling and the application of audit trails, especially when it comes to the audit of:

- the internal audit and management review functions;
- the EMS documentation;
- the recording, evaluation and control of environmental aspects and impacts;
- the recording and evaluation of continual improvement and prevention of pollution;
- the organization's systems for achieving statutory and regulatory compliance

5.10.3 During the witness of a stage I audit, special attention will be given to (ref. ISO/IEC 17021, cl. 9.2.3.1.1):

- Planning for stage II;
- Scope determination;
- Key elements of the system (e.g. determination of significant aspects);
- Review of allocation of resources.

## 5.11 Accreditation Standards

For serving national and international demands, KENAS chooses to have the following Standard to serve as the accreditation standards under the KENAS's EMS Accreditation Program: ISO/IEC 17021-1: Conformity assessment — Requirements for bodies providing audit and certification of management systems and ISO /IEC TS 17021-2 Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 2: Competence requirements for auditing and certification of Environmental management systems



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## 6. REFERENCE AND RELATED DOCUMENTS

Ref	Document Identifier	Document Title
1.	ISO/IEC 17021	Conformity assessment — Requirements for bodies providing audit and certification of management systems —Part 1:Requirements
2.	ISO/IEC TS 17021-2	Conformity assessment – Requirement for bodies providing audit and certification of management systems Part 2: Competence requirements for auditing and certification of environmental management systems
3.	ISO/IEC 17000	Conformity assessment - Vocabulary and general principles
4.	ISO 19011	Guidelines for quality and/or environmental management systems auditing
5.	IAF MD1	IAF Mandatory Document, Certification of Multiple Sites Based on Sampling
6.	IAF MD 2	IAF Mandatory Document ,Transfer of Accredited Certification of Management Systems
7.	IAF MD 3	IAF Mandatory Document ,Advanced Surveillance and Recertification Procedures (ASRP)
8.	IAF MD 4	IAF Mandatory Document ,Use of Computer Assisted Auditing Techniques ("CAAT") for accredited Certification of Management Systems
9.	IAF MD5	IAF Mandatory Document, Duration of QMS and EMS audits (refer to section 4.3)
10.	IAF MD 10	IAF Mandatory Document ,Assessment of Certification Body Management of Competence in Accordance with ISO/IEC 17021: 2011
11.	IAF MD 11	IAF Mandatory Document ,Mandatory Document for the application of ISO/IEC 17021 for audits of integrated management systems (IMS) (2013)
12.	IAF ID 1	IAF Informative Document QMS Scopes of Accreditation

## 7. TRAINING

Staff performing one or more of the roles specified in this guidance shall be made aware of its existence and application.

## 8. REVISION HISTORY



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22/06/2013	01	ADC	Initial
22/06/2014	02	ADC	Incorporation of IAF MD1/2/3/4/5/10/11 & IAF ID1 requirements.
07/09/2016	03	CO Certification	Incorporation of ISO/IEC 17021-1 and amending in line with IAF MD 17 &18. Incorporated requirements of ISO/IEC 17021-2

## Appendix A: Scopes used for accreditation of EMS certification bodies

IAF code	NACE code (rev. 2)	Description	KENAS Clustering
1 part	A 01, 02	Agriculture & Forestry	1
1 part	A 03	Fishing & Aquaculture	1
2	B	Mining and quarrying	1
3	C 10-12	Food products, beverages and tobacco	P
4 part	C 13,14	Textile and textile products	F
5 part	C 15	Leather and leather products	F
5 part	S 95.23	Repair of leather and leather products	F
4, 5 part	C 13.30, 15.11	Tanning and dyeing of textiles, fur and leather	F
6	C 16	Wood and wood products	F
7 part	C 17.1	Pulp, paper and paperboard	P
7 part	C 17.2	Paper and paperboard products	F
8	J 58	Publishing companies	F



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9 part	C 18.1	Printing companies	F
9 part	C 18.2	Reproduction of recorded media	F
10	C 19	Manufacture of coke and refined petroleum products	P
11	C part 20.13, part 21.20, 24.46, E 38.12, 38.22	Processing of nuclear fuel (including processing of radioactive materials and handling radio-active waste)	N
12	C 20 (minus part 20.13)	Chemicals, chemical products and fibres (except radio-active materials)	P
13	C 21 (minus part 21.20)	Pharmaceuticals (except radio-active materials)	P
14	C 22	Rubber and plastic products	F
15	C 23 (minus 23.5, 23.6)	Non metallic mineral products	P
16	C 23.5, 23.6	Concrete, cement, lime, plaster etc.	P
17 part	C 24 (minus 24.46)	Basic metals (except processing of nuclear fuel)	1
17 part	C 25	Fabricated metal products	F
17 part	C 33.11	Repair of fabricated metal products	F
18 part	C 28	Machinery and equipment	F
18 part	C 33.12, 33.19	Repair of machinery and other equipment	F
18 part	C 33.2	Installing of industrial machinery and equipment	F
19 part	C 26.1, 27.9	Electrical and optical equipment: electronic valves, tubes and other	P



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		(micro-) electronic components	
19 part	C 33.13	Electrical and optical equipment: repair of electronic valves, tubes and other (micro-) electronic components	F
19 part	C 26, 27 (minus 26.1, 27.9)	Electrical and optical equipment (includes domestic appliances)	F
19 part	C 33.13, 33.14, 95.1, 95.21, 95.22	Electrical and optical equipment: repair of electrical and optical equipment, domestic appliances etc.	F
20 part	C 30.1	Shipbuilding	F
20 part	C 33.15	Repair and maintenance of ships	F
21 part	C 30.3	Aerospace	F
21 part	C 33.16	Aerospace: Repair and maintenance of air and spacecraft and related machinery	F
22 part	C 29	Other transport equipment: motor vehicles, trailers and semi-trailers	F
22 part	C 30.2, 30.4, 30.9	Other transport equipment n.e.c.	F
22 part	C 33.17	Repair and maintenance of other transport equipment n.e.c.	F
23 part	C 31	Furniture	F
23 part	S 95.24	Repair of furniture and upholstery	F
23 part	C 32	Manufacturing n.e.c.	F
23 part	S 94.25	Repair of clock work and jewellery	F
23 part	S 94.29	Repair of other consumer goods	F





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24	E 38.3	Recycling	P
25	D 35.1	Electricity supply	P
26 part	D 35.2	Gas supply	P
26 part	D 35.3	Steam and cooled air supply	P
27	E 36	Water supply	P
28	F 41 - 43	Construction	F
29 part	G 45	Wholesale, retail trade and repair of motor vehicles, motor cycles	D
29 part	G 46, 47	Wholesale and retail trade (except motor vehicles and motorcycles)	D
30	I 55, 56	Hotels and restaurants	D
31 part	H 53, 60, 61	Post and telecommunication	D
31 part	H 49 - 52	Transport and storage	D
32 part	K	Financial intermediation	D
32 part	L	Real estate	D
32 part	N 77	Renting	D
33	J 62, 63	Information technology	D
T	M 71, 74.1, 74.2	Engineering services	D
35 part	M 72	Research and development	D
35 part	N 78 - 82	Professional services: administrative and supportive services	D
35 part	S 96	Professional services: personal services	D
35 part	M 69, 70, 73, 74.3, 74.9, 75	Other professional services n.e.c.	D
36	O	Public administration	D



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37	P	Education	D
38	Q 86, 87	Health and social work	D
39 part	E 37, 38, 39 (minus 38.12, 38.22, 38.3)	Other social services: sewage and refuse disposal and sanitation (except "recycling" and "hazardous waste containing radioactive components")	P
39 part	R	Arts, entertainment and recreation	D
39 part	J 59	Motion picture, video and television programme production, sound recording and music publishing activities	D
39 part	R 88	Social work activities without accommodation	D
39 part	S 94	Membership organisations	D
	T 97, 98	Household as employers of staff; undifferentiated production of goods or services for own use	D
	U	Extraterritorial organisations and bodies	D

1 The sectors printed in bold are the "witness obligatory" sectors, as referred to in section 3.2 of this document.

2 Explanation of cluster codes:

- 1 Primary sector
- F Mainly production through assembly
- P Mainly production through processing
- N Nuclear sector
- D Service sector