

Criteria for Certification of CRT 6.17 Product Certification Auditors

AUTHORIZATION

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1. INTRODUCTION

1.1 Purpose

This document describes the Product Certification Scheme criteria for SAATCA auditor certification. It is intended to be used by:

- 1. Potential applicants to determine their suitability / readiness for making application for certification and for ensuring they submit all necessary evidence and
- 2. The SAATCA Evaluation Committee to evaluate such applications.

Any standard or legislative references relate to the current published version.

1.2 Definitions

For the purpose of the Product Certification Auditorcriteria, the terms and definitions in, ISO 19011, ISO/IEC 17024 and ISO/IEC 17021 apply.

In addition, the following definitions apply:

Auditor Certification Scheme: An auditor certification scheme for individuals with specific certification requirements related to specific categories of individual persons to which the same particular standards and rules, and the same procedures apply.

Scheme Committee: A body of persons responsible for the development and maintenance of specific certification criteria applicable to each type of certification operated by SAATCA.

Evaluation Committee: A body of persons who meet the criteria for evaluating SAATCA auditor applications, and who are certified by SAATCA as evaluators.

Scheme Specific Criteria: Specific certification criteria developed by the Scheme Committee

Certification: The objective examining and certification of competence and other requirements as defined in this document by means of consideration of primary evidence. Auditor certification is granted by SAATCA according to the different product certification scopes which are based on the International NACE codes. (See attachment 4)

Competence based product certification scheme: Is a certification scheme for individuals, based on demonstration and examination of competence to requirements.

(In some cases qualifications are deemed to indicate competence. Competence must however be examined and verified by the certification body. Permissible evidence that constitute a portfolio of evidence may amongst others include primary sources of evidences such as: qualifications of SAATCA approved training service providers, SAATCA approved peer review reports, verifiable evidence of work experience, SAATCA approved interviews, SAATCA approved examinations, SAATCA approved witnessing etc.)

Competence and Competent: Refer to ISO 19011 and ISO/IEC 17021.

Confirmation: Confirmation refers to the verification of largely secondary evidence submitted by applicants and generated by third parties to attest to a level of demonstrated specialisation.

Examination (<u>Also referred to as assessment</u>): A mechanism that is part of the evaluation of an applicant that measures an applicant's competence by one or more means such as written, oral, practical and observational.

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Primary sources of evidence: Permissible sources of primary evidence include amongst others: qualifications of SAATCA approved courses, SAATCA approved witness reports, SAATCA interviews, SAATCA examinations, verified audit log sheets etc.

1.3 References

- ISO 19011: Guidelines for quality and/or environmental management systems auditing
- ISO/IEC 17024: Conformity Assessment General Requirements for Bodies operating Certification of Persons:
- IAF Guidance on the Application of ISO/IEC 17024 Conformity assessment General Requirements for Bodies operating Certification of Persons. (IAF GD 24).
- References related to Auditing Sampling (ISAE3000, GHTF/SG4/N30R20)
- SAATCA Procedures and Criteria:
- QSP 1.4, and 1.9
- ARP 2.1 to 2.7
- CRT 6.2, 6.3, 6.4, 6.5, 6.6, 6.7 and 6.9
- ACR 5.1
- SAATCA Forms/ documents various, referenced as SF

Note: Unless otherwise specified, the standards referenced in this document are deemed to be the current editions.

1.4 Equivalent Standards

Whilst the SAATCA registration schemes are based on the primary international or national standard, where these exist, it recognises that there are other standards that may be equivalent for the purposes of SAATCA product certification auditor registration.

Where there are such equivalent standards, the Product Certification Auditor Scheme Committee shall develop, and ensure maintenance and publishing of, a list of equivalent standards which can be used as the basis of competence for each scheme. These equivalence lists shall be approved by the Technical Management Board.

See Attachment One for the specific standards, legislation applicable to each sector of Product Certification Auditing.

If a standard has not been approved as equivalent, the onus is on the applicant to provide sufficient evidence to justify its acceptance by the Scheme Committee and approval by the Technical Management Board.

1.5 Scheme Specific "Grandfather" Clause forNew Schemes

In the event of a new SAATCA scheme being launched, where there are not yet any qualifying Lead Auditors for witnessing purposes, the Scheme Committees grant applicable "grandfather clause" based registrations.

Note: the grandfather clause is the expression used when a scheme has to start / be initiated, to enable the scheme to get off the ground. It is based on accepting the existing competence and experience of practitioners already in the relevant field, who have not yet been registered as Lead Auditors, because the scheme is new.

Such identified "grandfathers" then carry out the witnessing of new auditors in the new scheme either for 3 years directly after the launch of the Scheme or until there are at least 10 registered Lead auditors whichever comes last.

Concessionary approval will be granted by the Product Certification Scheme Committee based on the Criteria approved by the Technical Management Board, with the proviso that a suitable portfolio of evidence is maintained to demonstrate conformance with the grandfather criteria.

To enable the Product Certification Auditor Scheme to be launched:

 Non-SAATCA approved lead auditor courses will be accepted for the 3 years directly after the launch of the Product Certification Auditor scheme.

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- For registering as a lead auditor the existing competence and experience of the auditor already in the relevant field will be accepted for the 3 years directly after the launch of the scheme. (Such "grandfathers" can then carry out the witnessing of the new auditors in the scheme.)
- During evaluation of a "proposed grandfather" the criteria as stipulated in PCA 001 must be complied with. (See Attachment 2).

1.6 SAATCA Auditor Grades

1.6.1 Auditor Grade

This grade recognizes the applicant as a competent Auditor, contributing as an effective member of an audit team. This grade applies typically to auditors who take part in audits as members of a team rather than audit team leaders.

Auditors shall be given Certificates and Auditor registration cards.

1.6.2 Lead Auditor Grade

The Lead Auditor grade is reserved for auditors who conform to the requirements of Auditor grade and who are competent and experienced at managing audits and leading audit teams. This grade applies typically to auditors who lead audits of more than one auditor.

Lead Auditors shall be given Certificates and Lead Auditor registration cards.

1.6.3 Internal Auditor Grade

This grade applies to applicants that conduct audits within and for or on behalf of organisations by whom they are employed, and may include supplier audits, provided they cover the full scope of the relevant management system.

It is not intended to imply that an Internal Auditor is less qualified than an Auditor, only that the application of the auditing practice is limited to one organisation. The same level of qualification and work experience is required as that of the Auditor grade.

Internal Auditor certification shall be granted in respect of the specific organisation for which internal audits are conducted.

Internal Auditors shall be given Certificates and Internal Auditor registration cards on which reference will be made to the organization where the internal audits are carried out and for which the Internal Auditor has been certified.

If a SAATCA certified internal auditor leaves the employment of the organisation for which internal auditor certification is held, his or her certification as a SAATCA certified internal auditor for that organisation falls away. Should they resume internal auditing at a different organisation, they would qualify to transfer their internal auditor certification, by making application relative to the new organisation. Alternatively, they could apply for full Auditor grade as they potentially satisfy the requirements.

Internal auditor is not an IPC recognised nor currently a SANAS accredited grade.

1.7 Advancement to Another Grade

Advancement to another certification grade can be attained at any time provided suitable qualification and experience for that grade has been gained.

Certificated Auditors of any grade, who can demonstrate competence and are successfully evaluated against the applicable criteria required for another grade, shall qualify for advancement to such grade.

When applying for advancement from one grade to other applicants shall complete the application form and submit the applicable documents relevant to the new grade.

1.8 Suspending and Withdrawal of Certification - ARP 2.7

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All suspensions and withdrawals of certification shall be in accordance with ARP 2.7

1.9 Complaints, Appeals and Disputes Process - QSP 1.4

All complaints, appeals and disputes shall be managed in accordance with QSP 1.4

1.10 Criteria for Auditor Transition in the Event of Substantial Changes to Criteria

In the event of any substantial changes to any of auditor Criteria, the Product Certification Auditor Scheme Committee shall develop and publish a process for transition and the transition period and requirements shall be clearly specified, and approved by the Technical Management Board.

Transition timelines for these criteria:

All certified Product auditors of all grades shall have transitioned their certifications to these criteria by the end of **31 December 2012**.

1.11 Transfer of Certification - QSP 1.9

All transfers of auditor certification shall be processed in accordance with QSP 1.9

1.12 Use of the SAATCA Logo - SF 48

The use of the SAATCA logo shall be in accordance with: Regulations Governing the SAATCA Logo (SF48)

1.13 NotifiableChanges - SF 56

By signing the Auditor's Code of Conduct, all auditors commit to notifying SAATCA of any changes that can affect the auditor's state of compliance with SAATCA, regulatory or legal requirements, and must be notified to SAATCA. Refer to SF 56.

1.14 Publication of Details of SAATCA Registered Auditors

SAATCA shall publish details of registered auditors, (including grade and status, where applicable) on the website: www.saatca.co.za.

2. INITIAL APPLICATION REQUIREMENTS

2. INTIME ALL PLICATION REQUIREMENTS		
REQUIREMENT	ADMISSIBLE EVIDENCE	
2.1 Application Documents		
Applicants shall complete and submit the SAATCA application documentation, under cover of the Application Checklist section of the application form, includingapplication form (SF79), with the completed Sponsor's section and personal declaration (SF 29), and ensure that a signed Sponsor's Code of Conduct (SF 51) accompanies the application. As part of the application, applicants shall provide evidence of work experience, audit experience, education and training. Also refer attached table (Table 1) Attachment One Sponsors: These may be either the applicants line manager or (in	Completed Application form and Checklist (Included in the Application form, SF79:), including CV detailsand certified copy of ID (Identity document). Completed signed Auditor's Code of Conduct (SF 29) Completed signed Sponsor's Code of Conduct (SF 51) The applicant shall provide certified true copies of relevant academic qualifications	
the case of self-employed applicants) 2 individuals with professional knowledge of the applicant and willing and able to attest to their personal attributes (see below).	and/or professional registration in the sector applied for	

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REQUIREMENT	ADMISSIBLE EVIDENCE
2.2 Personal Attributes	
Applicants shall be able to demonstrate the personal attributes necessary for the effective and efficient performance of an audit. Desirable personal attributes for auditors are: Ethical, Openminded, Diplomatic, Observant, Perceptive, Versatile, Tenacious, Decisive and Self-reliant.	Completed signed Sponsor Code of Conduct (SF 51) Completed Sponsor's declaration on Application form for Certification. (Also refer below under Witnessing, for Auditor, Lead Auditor and Internal Auditor).
2.3 Education	,
Applicants shall have completed education at least at secondary (Grade 12) or equivalent to NQF Level 4, relevant to the field of application, Applicants must have attained an educational standard that permits the necessary knowledge to perform effectively as an auditor. In case of no tertiary education; a minimum of 5 years work experience in the field applied for, is required	The applicant shall provide certified true copies of relevant academic qualifications in the sector applied for (refer Table 1, Attachment One). Copy of CV or equivalent evidence of this experience. Any break in work experience shall not be longer than 10 years prior to application unless supported by evidence of continuing professional development in the applicable industry.
2.4 Work Experience -	
Applicants for all grades shall have completed a minimum of five years of work experience in a manufacturing/technical position related to the product scopes applied for. In addition, applicants should have experience involving the exercise of judgement, problem solving and communication with managerial personnel, peers, customers, interested and affected parties and/or authorities, 5 Years sector specific work experience required for auditor and lead auditor grades. (0 years: provisional auditor and 2 years internal auditor) Note: The years of work experience may be reduced by one year if the applicant has a diploma or degree relevant to the product scope(s) applied for. Periods of training will not be considered as eligible toward meeting this criterion.	 Verifiable evidence of work experience: Record of employment and a letter of verification by a line manager attesting to technical, professional or managerial experience as well the applicant's involvement in the exercise of judgement, problem solving and communication with other managerial personnel, peers, customers, interested and affected parties and/or authorities. Self employed applicants shall submit a portfolio of evidence that demonstrate the attestations required, including sponsorship from at least two clients or independent colleagues attesting to the applicant's fulfilment of the requirements. Refer Table 1 Attachment One
2.5 Sector specific Work Experience -	
5 Years sector specific work experience required for auditor and lead auditor grades. (2 years internal auditor.) (The 5 years of work experience may be concurrent with the work experience within the relevant field of application context.)	Refer to the Scheme Specific Criteria relevant to the field of application
Periods of training will <u>not</u> be considered as eligible toward meeting this criterion.	
Note: For auditors making application for a second (and third etc) product scope - the work experience related to the additional scopes may be concurrent but must be scheme specific.	Refer to the Scheme specific criteria relevant to the field of application
2.6 Knowledge and Skills	
2.6.1 Knowledge and skills for all auditor grades	Completed Witnessing Lead Auditor's

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REQUIREMENT	ADMISSIBLE EVIDENCE
Applicable product/production laws, legislation, by-laws, regulations and other requirements relevant to the product scope to enable the auditor to work within, and be aware of, the requirements that apply to the organization being audited. Processes and products, including services to enable the auditor to comprehend the technological context in which the audit is being conducted. Applicants must satisfy the knowledge base relevant to the specific product(s) they wish to audit (standards, legal and other requirements relevant to the specific product(s).	Report -Auditor (SF 45). Refer Table 1 Attachment One Also refer below under – Witnessing Applicants shall submit a compiled portfolio of evidence such as: • Education • Courses attended • Peer review reports • Witness reports SAATCA May also examine this competence by means of an examination, or interview or otherwise.
 2.6.2 Knowledge and skills of Lead Auditors (for leading audits) Lead Auditors shall have additional knowledge and skills in leadership to facilitate the efficient and effective leading of the audit, as per ISO 19011: To plan the audit and make effective use of resources during the audit, To represent the audit team in communications with the audit client and auditee, To organize and direct audit team members, To provide direction and guidance to auditors-in-training, To lead the audit team to reach the audit conclusions, To prevent and resolve conflicts, and To prepare and complete the audit report. 	Completed Witnessing Lead Auditor's Report – Lead auditor (SF 45). Also refer below under – Witnessing
2.7 Auditor Training	Auditor Training and examination
ISO 19011 and ISO Guide 65	SAATCA or IPC equivalent Qualification Certificate (s) SAATCA Confirmation that the course is based on ISO 19011 SAATCA Confirmation that the course duration is 40 hours of learning Refer to "Grandfather Clause" (5 Day Lead Auditor Course)
Applicants successfully complete a SAATCA approved examination paper, administered by the Training Course Providers with duration of 2h for mother tongue speakers and 2h30 for non mother tongue speakers.	SAATCA approved examination papers. As a possible future option, in order to contribute to the verification of competence, SAATCA may administer an additional board examination to complement its suit of competence evaluations.
Learner assessment score of at least70%	Training Course Providers to provide SAATCA with learner assessment results.
Approved training for certification as a SAATCA graded Auditor or Lead Auditor shall normally be gained in the 3 years immediately prior to the application for certification.	SAATCA Confirmation that the course was attended and successfully completed gained in the 3 years immediately prior to the application for certification.

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REQUIREMENT

Note: The requirement for the 3 year period may be waived for applicants who can demonstrate that they have undertaken activities from the period between auditor training and making application through auditing (as per the application field) and through continuing professional development activities that would be consistent with the requirements for maintaining registration at the appropriate level.

ADMISSIBLE EVIDENCE

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SAATCA Confirmation that the applicant has undertaken activities from the period between auditor training and making application, for example through auditing of the application field and through continuing professional development activities that would be consistent with the requirements for maintaining registration at the appropriate level.

2.8 Auditing Experience

2.8.1 Complete/Qualifying Product Certification Audits

- An audit covering the entire audit process as described in ISO 19011 and including all aspects of the scheme specific product standard or an alternative equivalent standard acceptable to SAATCA.
- The Product Certification Auditor scheme allows audits less than 6 hours. However the audit hours spent on site need to comply with.4.8.2 and 5.3.1 (See Attachment 1)
- For Auditor and Lead Auditor grades only independent audits satisfy the applicable scheme auditing experience requirements. The auditor and the auditor's organization shall have independent operating structure from the audited organization.

Examples of acceptable relationships are:

- a) a head office audit of a plant or division as applicable to internal audits;
- b) one division or plant auditing another division or plant as applicable to internal audits;
- c) a customer organization auditing a supplier;
- d) a third party certification audit and;
- e) a consultant contracted to provide an independent conformance audit
- For Internal Auditor grade -Product Certification audits in the applicant's own organisation's are acceptable.
- Unacceptable audits are:
 - a). gap analysis;
 - b). close out or follow up visits;
 - c). audits of any site that are repeated more frequently than twice every 12 months, and
 - d). audits performed before successful completion of the formal Auditor training requirement.
- Only audits carried out against a recognized national, or international standard or an alternative recognized equivalent standard as defined in the specific scheme criteria will be accepted by SAATCA.
- Auditing on site includes the opening and closing meetings and the conformance auditing phase, but excludes planning, document review and preparation of the audit report even when these functions are performed at the premises of the auditee.
- The audits shall have been completed in the 3-year period prior to application.

2.8.2 Auditing Experience for Auditor

Applicants need to have participated in at least 120 audit hours on site in the sector applied for, acquired under the direction and guidance of a Lead Auditor. The Lead Auditor shall sign the SAATCA log for each audit submitted to attest to such direction and guidance.

Details and description of each audit shall be entered onto the SAATCA audit log sheet. Details must include identification of the auditee; sufficient to allow verification of the audit by SAATCA.

For each audit submitted for certification, there shall be a sign-off by the auditee, on the audit log.

Relevant experience auditing of other schemes for which the auditor holds registration may be considered for up to 5 days of the auditing experience required, if provided for in the scheme specific criteria.

Audit Log sheets: Completed in full and confirmed SAATCA audit log sheets (SF 26).

Sign-off of fully completed audit log sheets as confirmation by the applicant of the authenticity of the logsand by the guiding lead auditor as confirmation of the correctness of the audits.

Auditee feedback: Completed, positive Auditee Feedback report per scheme of registration regarding the performance of the applicant for at least one audit. (Refer SF 72).

SAATCA may also verify the information

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REQUIREMENT	ADMISSIBLE EVIDENCE
For each audit submitted for certification, the applicant shall either have been conversant with the language used or, alternatively, have effectively used a competent translator during the conduct of the audit.	provided by the applicant.
At least one witnessed audit (see below) of the applicant.	Witnessed audit(s) - refer below
2.8.3 Auditing Experience Lead Auditor Grade In addition to satisfying all the auditing experience requirements for Auditor grade, applicants for Lead Auditor shall have participated as a leader of an audit team which included at least one other auditor, for a further minimum of 18 hours applicable to the sector for which certification is sought. This audit experience is additional to that required for Auditor grade and must have been gained in the 3-year period prior to application. The above audits shall have been with an audit team size of at least two (including the applicant) on-site where the applicant acted as the team leader. - The overall required auditing experience in reaching the Lead Auditor grade shall be gained at a minimum of 3 different operating facilities or business units. At least one witnessed audit (see below) of the applicant acting as	Audit Log sheets: Completed in full and confirmed SAATCA audit log sheets (SF 26). Sign-off of fully completed audit log sheets as confirmation by the applicant of the authenticity of the logsand by the guiding lead auditor as confirmation of the correctness of the audits. Auditee feedback: Completed, positive Auditee Feedback report per scheme of registration regarding the performance of the applicant for at least one audit. (Refer SF 72). SAATCA may also verify the information
Lead Auditor. Note: Applicants qualified as Lead Auditor in any one scheme shall automatically qualify for Lead Auditor in all schemes where they meet the auditor's requirements.	provided by the applicant. Witnessed audit(s) - refer below
2.8.4 Criteria for Upgrade from Auditor to Lead Auditor	Defends suitanis for Load Auditon chave
Refer to criteria for Lead Auditor above. 2.8.5 Auditing Experience as related to Internal Auditor	Refer to criteria for Lead Auditor above. Completed and auditee confirmed
Grade Applicants for the Internal Auditor grade shall have participated in at least 30 hours of audits and must have competed all elements of the audit cycle, including: audit planning, documents review, auditing, interviewing, audit reporting. It must not have involved areas or activities of direct responsibility of the applicant. At least one witnessed audit (see below) of the applicant.	SAATCA audit log sheets (SF 26). Completed Auditee Feedback report regarding the performance of the applicant for at least one internal audit. (SF 72). SAATCA may also verify the information provided by the applicant. A sign-off of the audit log sheet as confirmation by the applicant that he or she conforms to this requirement. For this Internal Auditor grade - all audits may be conducted within one organisation. Witnessed audit(s) - refer below
2.9 Witnessing	Refer to ARP 2.4
2.9.1 Witnessing of Auditors and Internal Auditors The witnessed audit(s) shall cover all phases of the audit process. (As defined in ISO 19011). Witnessing shall be carried out to verify all applicable auditing requirements as described in ISO 19011 during the course of one complete audit, or a number of partial audits, which in total includes all requirements of the management system standard	Completed Witnessing Lead Auditor (s) report (s) for Auditors and Internal Auditors (SF 45) Signed Witnessing Lead Auditor's Code of

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REQUIREMENT	ADMISSIBLE EVIDENCE
The duration of the witnessed audit and verification shall be sufficient to enable the witnessing auditor to determine:	Conduct (SF 52) for each witnessing.
 Competence in performing the entire audit process, as applicable, according to ISO 19011. Possession of the personal attributes identified in ISO 19011. The Witnessing Lead Auditor shall complete a SAATCA Auditing Performance Report attesting to the satisfactory performance and attributes of the applicant. Witnessing may involve more than one audit and more than one Witnessing Lead Auditor. Witnessing shall be carried out by a SAATCA or IPC equivalent Lead Auditor, who has held Lead Auditor certification for at least three years, in the applicable scheme.(see "grandfather clause") The Witnessing Lead Auditor(s) shall commit to the SAATCA Code of Conduct for witnessing and the applicant shall submit copy of signed Witnessing Lead Auditor Code of Conduct(s) their the witnessing report. Responsibility for submission of a completed report and the signed Witnessing Lead Auditor(s)' Code of Conduct remains with the applicant. 	SAATCA may also examine this competence by means of an examination, or interview or otherwise. Witnessing Lead Auditors shall be independent of the applicant they witness, in accordance with the Witnessing Lead Auditors Code of Conduct, SF52, as follows: They have had no involvement in the development of the candidate (e.g. education, training, development, mentoring), nor any managerial control over the candidate
2.9.2 Witnessing of Lead Auditors	Constant Miles and Adia to
As above, except that the witnessing shall be carried out to verify all lead auditing requirements as described in ISO 19011. Note: For auditors that are registered as SAATCA Lead Auditors	Completed Witnessing Lead Auditor's report for Lead Auditors (SF 45b)
within schemes other than the one being applied for, the witnessing of Lead Auditor skills does not need to be repeated. Note: It is acceptable for a witnessing lead auditor from another scheme (within the sector applied for) to witness a Lead Auditor	A sign-off of the audit log sheet as confirmation by the applicant that he or she conforms to this requirement.
applicant for the Product Certification Auditor scheme.	SAATCA may also examine this competence by means of an examination, or interview or otherwise.
2.9.3. Code of conduct In the event of verified breach of the SAATCA applicants / witnessing lead Code of Conduct, the auditor will be precluded from re-applying for 3 years.	Application form, Code of Conduct and Audit log

MAINTAINING CERTIFICATION

REQUIREMENT	ADMISSIBLE EVIDENCE
2.10 Annual Surveillance, Card Re-issue and Fee for Maintenance	
3.1.1 An annual- non-mandatory registration application form is required if auditor personal details have changed, to ensure all personal details are updated. (The details from this form are captured onto the SAATCA database).	Completed Application for Annual Reregistration (SF76) or information update form.

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REQUIREMENT	ADMISSIBLE EVIDENCE
3.1.2 Annual submission of Audit and CPD logs:	Completed and auditee confirmed SAATCA
Refer below for details of audit and CPD requirements.	audit log sheets (SF 26).
Note: Audit Logs and CPD Logs (where CPD had taken place) shall be submitted annually with registration fees, and recorded by SAATCA operations. These will evaluated 3-yearly by the Evaluation Committee.	CompletedCPD Log (SF27). Evidence of professional development, properly verified.
3.1.3 An annual registration fee (subscription) is payable to SAATCA.	Payment of fees as per the prevailing SAATCA
The SAATCA Board of Directors determines registration fees on an annual basis, and these are published on the SAATCA web site. Auditors who fail to meet the annual fee requirements may be subject to suspension or withdrawal of registration, as per ARP 2.7	fee structure - Personnel Registration Fees (SF 63)
2.11 Application for Re-Certification (3 Yearly)	
All certified auditors shall be required to renew certification. The period between certifications (and between initial and renewals) would normally be 3 years and shall not exceed 3.5 years.	Completed Application form for Re-certification (SF18) Completed signed Auditor's Code of Conduct (SF 29)
Applicants for re-certification shall complete and submit the applicable application form and a signed Auditor's Code of Conduct.	
2.12 Maintenance of Auditing Ability	
Each applicant for re-certification shall maintain an audit log (SAATCA prescribed format SF26) on which shall be recorded the details of each audit undertaken. If any substantial changes are made to any of the specific	Completed and auditee confirmed SAATCA audit log sheets (SF 26).
SAATCA Scheme Specific Criteria, the transition period and requirements shall be clearly specified by the Scheme Committee in the specific criteria.	Note: Audit Logs shall be submitted annually with registration fees, and evaluated 3-yearly by the Evaluation Committee.
3.3.1 Re-Certification audit experience for Auditor and Lead Auditor grade	Completed and auditee confirmed SAATCA
At least 12 audit hours per year per sector or at least 24 audit hours in sectors regarded by SANAS as critical. These audits shall be conducted in accordance with ISO 19011, in the scheme relevant to certification.	audit log sheets (SF 26).
3.3.2 Re-Certification audit experience for Lead Auditor grade	
At least 6 audit hours per year (of the required above), acting on the capacity of Lead Auditor, including sole audits.	Completed and auditee confirmed SAATCA audit log sheets (SF 26).
3.3.3 Re-Certification audit experience for Internal Auditor grade	
At least 6 audit hours per year, audits. These audits shall be conducted in accordance with ISO 19011, in the sector relevant to certification.	Completed and auditee confirmed SAATCA audit log sheets (SF 26).

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REQUIREMENT	ADMISSIBLE EVIDENCE
3.3.4 Auditee Feedback For at least one of the audits over the 3-year cycle, auditee feedback shall be obtained and for Lead Auditors, this feedback shall be where the re-certification lead auditor applicant acts as the leader of an audit team or as sole auditor	Completed positive Auditee Feedback Report. (SF72)
(Also refer under initial application for auditee requirements).	
2.13 Continual Professional Development (CPD)	Refer to SF 58: Guidelines for CPD
2.13.1 CPD Requirements It is mandatory that each SAATCA certified auditor undertake at least 45 hours of appropriate CPD during each 3-year period immediately prior to renewal of certification. Evidence of that professional development, properly verified, shall be submitted as part of the application for renewal of certification. CPD Logs may be submitted annually with registration fees. Note: In the selection of appropriate professional development, auditors shall consider their personal strengths and weaknesses and identify areas for personal improvement.	CPD Log (submitted either annually or with 3-year recertification — refer below): CPD Log (SF27). Evidence of professional development, properly verified. For guidance on the allowable CPD claims, refer to the SAATCA CPD Guidelines - SF 58

END OF CRITERIA



REVISION HISTORY

Revision Date	Rev No.	Summary of changes
July 2010	2	
October 2011	3	Added Attachments four and five.
		Clarified the number of audit hours required per sector scope.
		Updated criteria to merge with and align to the Generic Criteria, CRT6.0, including:
		Removed detail that is already covered on the www.saatca.co.za , for example Background, objectives, codes of conduct, certification process.
		Removed annex on CPD and referred to SF58.
		Added revision table
		Clarified annual surveillance
		Updated Approval Table (font page)
		Updated definitions and references (1.2 and 1.3)
		Added disputes and appeals (1.9)
		Included details for transition (1.10)
		Addition of "Publication of Details of SAATCA Registered Auditors" (1.14)
		Included details of "grandfather" requirements (1.5)
		Clarified requirements for "equivalent" component for tertiary education and worl experience, including requirements if there is a break in working (2.1.3, 2.2.1 and 2.2.4)
		Added details of portfolio of evidence and option for SAATCA to verify evidence by means of an examination, or interview or otherwise to interview. (2.5.1).
		Clarified auditor training hours, at least 70% pass mark and applicant to supply certificate of training (2.6)
		Correction of lead audit experience being gained in 3 years prior to application (no 2) (2.8.3)
		Added note that applicants qualified as Lead Auditor in any one scheme sha automatically qualify for Lead Auditor in all schemes where they meet the auditor's requirements. (2.8.3)
		Clarified witnessing requirements
		Added conditions pertaining to breach of code of contact (2.9.1)
		Added use of Application Checklist and of Auditee Feedback form - Audite feedback to be provided - least one of the audits, per scheme of certification (3.3.4) Added Attachment 3(b) which will replace Attachment 3(a) at end of 2013.
		Effective 1 November 2011:
		Item 2.1 Added requirement for certified copy of ID to be provided with application. Item 2.8.1. And 2.8.2. Clarified wording related to hours under guidance of lead auditor. The requirement for 20 days of guidance has always been applied, but the wording was misleading.



ATTACHMENT ONE: TABLE 1: SECTOR /CATEGORY SPECIFIC WORK AND TECHNOLOGY

Sector	Scope	Sectors	Examples of knowledge o technology required by auditor
1.	Food and Beverage technology (Refer to Attachment 3)	Abattoirs, Farms, Feedlots Deboning and Processing Plants, Retailers	
2.	Mechanical engineering		
3.	Electrical Engineering		
4.	Civil Engineering	In the pro	cess of being developed.
5.	Chemical technology		on Scheme currently initiating with the extended over time to cover sectors
6.	Pharmaceutical and Health technology	where there are needs identified.	
7.	Fibre technology (including textile)		
	Etc		



ATTACHMENT TWO: GRANDFATHER CONCESSION

"GRANDFATHER CONCESSION"						
For registering as a SAATCA Product Certification Lead Auditor PCA001						
Name:		Sector:	Τ			
		Date:	Record	Sign		
1.		of confidentiality by auditor				
2.		ical product certification specifications for	Table 1			
	which the auditor are "deemed to be competent" to		Sector			
	conduct aud	Specific				
3.		n by the current employer that the auditor	Table 1			
		mally trained in at least the following:	Sector specific			
		er Table 1				
		be waived for auditors with evidence of				
	relevant auditing experience exceeding 15 years]					
4.	Confirmation	by the current employer that the auditor				
	has at least	10 year work experience in the relevant				
	field					
5.		eport by a Lead Auditor (in the relevant				
		of the applicant) of Auditor's				
		to conduct Product Certification Audits in				
	the relevant					
	Name of Company:					
6.	Log sheet of	audits for the last 3 years				



ATTACHMENT THREE (A): FOOD INDUSTRY SPECIFIC SUB-SECTORS

(ATTACHMENT 3 (A) WILL BE REPLACED BY ATTACHMENT 3 (B) BY THE END OF 31 DECEMBER 2013)

FOOD INDUSTRY SPECIFIC SUB-SECTORS

Product Certification Auditors in Sector 1 (Please refer to Attachment One) are certified and listed in the SAATCA register according to their scheme certification.

The sectors are numbered 1 a, b, c, d; 3 a, b etc. (*Please tick appropriate sectors*)

Note	e:Evidence of competence in the sectors a	pplied	for must be submitted with Application.		
			Abattoirs, Wholesalers (fresh meat)		
1	Meat and edible meat offal, preparations	b	Processors (as per type of foodstuff)		
	and products		Retailers (butcheries) (including supermarket premises)		
			Transporters (fresh meat)		
	Fish, crustaceans, molluscs and other	а	Wholesalers (fresh products)		
0		b	Processors (as per type of foodstuff)		
2	aquatic invertebrates, preparations and products		Retailers (fish shops) (including supermarket premises)		
			Transporters (fresh products)		
3	Sugars, honey and sugar confectionaries	а	Retailers		
3	Sugars, noney and sugar connectionalles		Processors (as per type of foodstuff)		
4	Edible oils and fats		Expressers (as per type of foodstuff)		
4			Processors (as per type of foodstuff)		
		а	Packing sheds (fresh products)		
	Venetables finit mute or ether newto of	b	Wholesalers (fresh products)		
5	Vegetables, fruit, nuts or other parts of plants, preparations and products	С	Processors (as per type of foodstuff)		
		d	Transporters (fresh products)		
			Retailers (fresh products) (including supermarket premises)		
	Grains, cereals, cocoa, starch and pastry-cook, preparations and products	а	Millers (as per type of foodstuff)		
6		b	Wholesalers		
		С	Processors (as per type of foodstuff)		
7	Beverages, beer, wine and spirits, preparations and products	а	Processors (as per type of foodstuffs)		
		а	Milking sheds (parlours)		
		b	Suppliers (fresh milk)		
8	Milk and dairy, preparations and products	С	Processors (as per type of foodstuff)		
		d	Transporters (fresh milk)		
			Retailers (milk shops) (including supermarket premises		
	Food preparation and catering (excluding street vendors)	а	Restaurants, delicatessens (including supermarket premises)		
9		b	Cafe's		
9		С	Caterers; industrial & retail		
			Hotels		
10	Stroot Vandara	а	Caters		
10	Street Vendors	b	Other perishable goods		
11	Coffee too borbs and spices	а	Processors (as per type of foodstuff)		
11	Coffee, tea, herbs and spices		Packers (as per type of foodstuff)		
		а	Wholesalers (fresh meat)		
		b	Wholesalers (fresh eggs)		
12	Poultry, preparations and products		Processors (as per type of foodstuff)		
			Transporters (fresh products)		
			Retailers (including supermarket premises)		

Effective Date: 2011-11-01 CRT6.17 Criteria for Product Certification Auditors. Rev 3



ATTACHMENT THREE (B): FOOD INDUSTRY SPECIFIC SUB-SECTORS

Product Certification Auditors in Sector 1 (Attachment 1) are certified and listed in the SAATCA register according to their specialised experience in food handling subsectors as specified

beid	w.Auditors may	regis	ter in	more	tnan 1	subsector.

Sector	Category description	Product examples	Examples of knowledge of technology required by auditor
1	Raw red meat	Beef, veal, pork, lamb, venison, offal, other meat.	Slaughter, primary cutting and butchery. Vacuum packing. Modified atmosphere packaging.
2	Raw poultry	Chicken, turkey, duck, goose, quail, farmed and wild game.	Slaughter, primary cutting. Vacuum packing. Modified atmosphere packaging.
3	Raw prepared products (Meat and vegetarian)	Bacon, comminuted meat products e.g. fish fingers, sausages, ready to cook meals, ready prepared meat products, pizza's, vegetable prepared meals, steamer meals.	Retail butchery, processing and packing. Curing, vacuum packing, modified atmosphere packaging. High risk and low risk principles.
4	Raw fish products and preparations	Wet fish, molluscs, crustacean, comminuted fish products, cold smoked fish, ready prepared fish products e.g. fish pie.	Stunning, harvesting. Vacuum packing. Modified atmosphere packaging.
5	Fruits vegetable and nuts	Fruit, vegetables, salads, herbs, nuts (unroasted)	Washing, grading.
6	Prepared fruit vegetables and nuts	Prepared /semi processed fruit, vegetables and salads incl prepared ready to eat salads, coleslaws, chips, frozen vegetables.	Blanching, freezing. High risk principles.
7	Dairy, liquid egg	Liquid egg, liquid milks/drinks, cream, liquid tea and coffee creamers, yoghurts, fermented milk based products, fromagefrais/crème fraiche. lce cream. Cheese – hard/soft/mold ripened/unpasteurized/processed. Long life milks, non dairy products e.g. soya milk, ambient yoghurts, custards etc. Fruit juices (incl freshly squeezed and pasteurized, smoothies). Dried whey powder, dried egg, dried milk/milk formulation.	Pasteurization, separation, fermentation. High risk principles.
8	Cooked meat/fish products	Cooked meats, hot eating pies, cold eating pies, molluscs& crustacean (ready to eat), fish pate. Hot smoked fish, poached salmon.	High and low risk principles. Vacuum packs. Heat treatment.
9	Raw cured and/or fermented meat and fish	Parma ham, cold smoked salmon, air dried meats, salami, ready to eat smoked fish, fermented meats, and dried fish.	Curing, fermentation. High and low risk principles.



Sector	Category description	Product examples	Examples of knowledge of technology required by auditor
10	Ready meals and sandwiches; ready to eat desserts	Ready meals, sandwiches, soups, sauces, pasta, quiche, flans, meal accompaniments, cream cakes, trifles, assembled high risk sweet desserts.	High and low risk principles.
11	Low/High acid in cans/glass	Canned products. Products packed in glass. Canned pet food.	Canning. Thermal processing. UHT.
12	Beverages Soft drinks, flavoured water, isotonics, concentrate squashes, cordials, minerals, ice, herbal drinks, milk and cereal beverages, food drinks.		Water treatment. Heat treatment.
13	Alcoholic drinks and fermented brewed products	Beer, wine, spirits. Vinegars. Alcopops.	Distilling, fermentation, fortification.
14	Bakery	Bread, pastry, biscuits, cakes, tarts, breadcrumbs, rusks.	Baking.
15	Dried foods and ingredients	Soups, sauces, gravies, spices, stocks, herbs, seasonings, pulses, legumes, rice's, noodles, nut preparations, fruit preparations, vitamins, salt, additives, gelatine, glace fruit, home baking syrups, tae, instant coffee, coffee creamers	Drying. Heat treatment.
16	Confectionary	Sugar, chocolate, gums, jellies, sweets.	Heat treatment.
17	Cereals and snacks	Oats, muesli, cereals, roasted nuts, crisps, poppadums.	Extrusion. Heat treatment.
18	Oils and fats	Cooking oils, margarine, shortening, spreads, butter, suet, ghee. Salad dressings, mayonnaise, vinaigrettes.	Refining. Hydrogenation.
19	Farming		Animal husbandry, Good veterinary practices.
20	Dairy	Milking sheds	Good veterinary practices.
21	Farming plants		Good agricultural practices
22	Feed production		Blending, mixing
23	Catering, Hotel kitchen, Food Service Outlet		High and low risk principles.
24	Transport, storage, distribution, wholesale		Good distribution practices
25	Packaging material manufacturing		Packaging technology
26	Retail Stores		High and low risk principles.
27	Pet food other than canned	Dried pet food. (Canned pet food sector11)	Extrusion, blending, thermal processes
28	Poultry	Shell Egg	Grading; Candling; Avian Health



ATTACHMENT FOUR: EUROPA - COMPETITION - LIST OF NACE CODES

EUROPA > European Commission > Competition Contact | Search on EUROPA

List of NACE codes

Important notice:

This page will no longer be updated as from 26 March 2010. Please use the case search tool to find the latest case information.

Links to the updated case information are also provided in the case details.

Page generated on: 2010-03-25

A - Agriculture, forestry and fishing

- A1 Crop and animal production, hunting and related service activities
- A1.1 Growing of non-perennial crops
- A1.1.1 Growing of cereals (except rice), leguminous crops and oil seeds
- A1.1.2 Growing of rice
- A1.1.3 Growing of vegetables and melons, roots and tubers
- A1.1.4 Growing of sugar cane
- A1.1.5 Growing of tobacco
- A1.1.6 Growing of fibre crops
- A1.1.9 Growing of other non-perennial crops
- A1.2 Growing of perennial crops
- A1.2.1 Growing of grapes
- A1.2.2 Growing of tropical and subtropical fruits
- A1.2.3 Growing of citrus fruits
- A1.2.4 Growing of pome fruits and stone fruits
- A1.2.5 Growing of other tree and bush fruits and nuts
- A1.2.6 Growing of oleaginous fruits
- A1.2.7 Growing of beverage crops
- A1.2.8 Growing of spices, aromatic, drug and pharmaceutical crops
- A1.2.9 Growing of other perennial crops
- A1.3 Plant propagation
- A1.3.0 Plant propagation
- A1.4 Animal production
- A1.4.1 Raising of dairy cattle
- A1.4.2 Raising of other cattle and buffaloes
- A1.4.3 Raising of horses and other equines
- A1.4.4 Raising of camels and camelids
- A1.4.5 Raising of sheep and goats
- A1.4.6 Raising of swine/pigs
- A1.4.7 Raising of poultry
- A1.4.9 Raising of other animals
- A1.5 Mixed farming
- A1.5.0 Mixed farming
- A1.6 Support activities to agriculture and post-harvest crop activities
- A1.6.1 Support activities for crop production
- A1.6.2 Support activities for animal production
- A1.6.3 Post-harvest crop activities
- A1.6.4 Seed processing for propagation
- A1.7 Hunting, trapping and related service activities



A1.7.0 - Hunting, trapping and related service activities

A2 - Forestry and logging

A2.1 - Silviculture and other forestry activities

A2.1.0 - Silviculture and other forestry activities

A2.2 - Logging

A2.2.0 - Logging

A2.3 - Gathering of wild growing non-wood products

A2.3.0 - Gathering of wild growing non-wood products

A2.4 - Support services to forestry

A2.4.0 - Support services to forestry

A3 - Fishing and aquaculture

A3.1 - Fishing

A3.1.1 - Marine fishing

A3.1.2 - Freshwater fishing

A3.2 - Aquaculture

A3.2.1 - Marine aquaculture

A3.2.2 - Freshwater aquaculture

B - Mining and quarrying

B5 - Mining of coal and lignite

B5.1 - Mining of hard coal

B5.1.0 - Mining of hard coal

B5.2 - Mining of lignite

B5.2.0 - Mining of lignite

B6 - Extraction of crude petroleum and natural gas

B6.1 - Extraction of crude petroleum

B6.1.0 - Extraction of crude petroleum

B6.2 - Extraction of natural gas

B6.2.0 - Extraction of natural gas

B7 - Mining of metal ores

B7.1 - Mining of iron ores

B7.1.0 - Mining of iron ores

B7.2 - Mining of non-ferrous metal ores

B7.2.1 - Mining of uranium and thorium ores

B7.2.9 - Mining of other non-ferrous metal ores

B8 - Other mining and guarrying

B8.1 - Quarrying of stone, sand and clay

B8.1.1 - Quarrying of ornamental and building stone, limestone, gypsum, chalk and slate

B8.1.2 - Operation of gravel and sand pits; mining of clavs and kaolin

B8.9 - Mining and quarrying n.e.c.

B8.9.1 - Mining of chemical and fertiliser minerals

B8.9.2 - Extraction of peat

B8.9.3 - Extraction of salt

B8.9.9 - Other mining and guarrying n.e.c.

B9 - Mining support service activities

B9.1 - Support activities for petroleum and natural gas extraction

B9.1.0 - Support activities for petroleum and natural gas extraction

B9.9 - Support activities for other mining and guarrying

B9.9.0 - Support activities for other mining and guarrying

C - Manufacturing

C10 - Manufacture of food products

C10.1 - Processing and preserving of meat and production of meat products

C10.1.1 - Processing and preserving of meat

C10.1.2 - Processing and preserving of poultry meat

C10.1.3 - Production of meat and poultry meat products

C10.2 - Processing and preserving of fish, crustaceans and molluscs

C10.2.0 - Processing and preserving of fish, crustaceans and molluscs

C10.3 - Processing and preserving of fruit and vegetables C10.3.1 - Processing and preserving of potatoes



- C10.3.2 Manufacture of fruit and vegetable juice
- C10.3.9 Other processing and preserving of fruit and vegetables
- C10.4 Manufacture of vegetable and animal oils and fats
- C10.4.1 Manufacture of oils and fats
- C10.4.2 Manufacture of margarine and similar edible fats
- C10.5 Manufacture of dairy products
- C10.5.1 Operation of dairies and cheese making
- C10.5.2 Manufacture of ice cream
- C10.6 Manufacture of grain mill products, starches and starch products
- C10.6.1 Manufacture of grain mill products
- C10.6.2 Manufacture of starches and starch products
- C10.7 Manufacture of bakery and farinaceous products
- C10.7.1 Manufacture of bread; manufacture of fresh pastry goods and cakes
- C10.7.2 Manufacture of rusks and biscuits; manufacture of preserved pastry goods and cakes
- C10.7.3 Manufacture of macaroni, noodles, couscous and similar farinaceous products
- C10.8 Manufacture of other food products
- C10.8.1 Manufacture of sugar
- C10.8.2 Manufacture of cocoa, chocolate and sugar confectionery
- C10.8.3 Processing of tea and coffee
- C10.8.4 Manufacture of condiments and seasonings
- C10.8.5 Manufacture of prepared meals and dishes
- C10.8.6 Manufacture of homogenised food preparations and dietetic food
- C10.8.9 Manufacture of other food products n.e.c.
- C10.9 Manufacture of prepared animal feeds
- C10.9.1 Manufacture of prepared feeds for farm animals
- C10.9.2 Manufacture of prepared pet foods
- C11 Manufacture of beverages
- C11.0 Manufacture of beverages
- C11.0.1 Distilling, rectifying and blending of spirits
- C11.0.2 Manufacture of wine from grape
- C11.0.3 Manufacture of cider and other fruit wines
- C11.0.4 Manufacture of other non-distilled fermented beverages
- C11.0.5 Manufacture of beer
- C11.0.6 Manufacture of malt
- C11.0.7 Manufacture of soft drinks; production of mineral waters and other bottled waters
- C12 Manufacture of tobacco products
- C12.0 Manufacture of tobacco products
- C12.0.0 Manufacture of tobacco products
- C13 Manufacture of textiles
- C13.1 Preparation and spinning of textile fibres
- C13.1.0 Preparation and spinning of textile fibres
- C13.2 Weaving of textiles
- C13.2.0 Weaving of textiles
- C13.3 Finishing of textiles
- C13.3.0 Finishing of textiles
- C13.9 Manufacture of other textiles
- C13.9.1 Manufacture of knitted and crocheted fabrics
- C13.9.2 Manufacture of made-up textile articles, except apparel
- C13.9.3 Manufacture of carpets and rugs
- C13.9.4 Manufacture of cordage, rope, twine and netting
- C13.9.5 Manufacture of non-wovens and articles made from non-wovens, except apparel
- C13.9.6 Manufacture of other technical and industrial textiles
- C13.9.9 Manufacture of other textiles n.e.c.
- C14 Manufacture of wearing apparel
- C14.1 Manufacture of wearing apparel, except fur apparel
- C14.1.1 Manufacture of leather clothes
- C14.1.2 Manufacture of workwear
- C14.1.3 Manufacture of other outerwear



- C14.1.4 Manufacture of underwear
- C14.1.9 Manufacture of other wearing apparel and accessories
- C14.2 Manufacture of articles of fur
- C14.2.0 Manufacture of articles of fur
- C14.3 Manufacture of knitted and crocheted apparel
- C14.3.1 Manufacture of knitted and crocheted hosiery
- C14.3.9 Manufacture of other knitted and crocheted apparel
- C15 Manufacture of leather and related products
- C15.1 Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
 - C15.1.1 Tanning and dressing of leather; dressing and dyeing of fur
 - C15.1.2 Manufacture of luggage, handbags and the like, saddlery and harness
 - C15.2 Manufacture of footwear
 - C15.2.0 Manufacture of footwear
 - C16 Manufacture of wood and of products of wood and cork, except

furniture: manufacture of articles of straw and plaiting materials

- C16.1 Sawmilling and planing of wood
- C16.1.0 Sawmilling and planing of wood
- C16.2 Manufacture of products of wood, cork, straw and plaiting materials
- C16.2.1 Manufacture of veneer sheets and wood-based panels
- C16.2.2 Manufacture of assembled parquet floors
- C16.2.3 Manufacture of other builders' carpentry and joinery
- C16.2.4 Manufacture of wooden containers
- C16.2.9 Manufacture of other products of wood; manufacture of articles
- of cork, straw and plaiting materials
- C17 Manufacture of paper and paper products
- C17.1 Manufacture of pulp, paper and paperboard
- C17.1.1 Manufacture of pulp
- C17.1.2 Manufacture of paper and paperboard
- C17.2 Manufacture of articles of paper and paperboard
- C17.2.1 Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
- C17.2.2 Manufacture of household and sanitary goods and of toilet requisites
- C17.2.3 Manufacture of paper stationery
- C17.2.4 Manufacture of wallpaper
- C17.2.9 Manufacture of other articles of paper and paperboard
- C18 Printing and reproduction of recorded media
- C18.1 Printing and service activities related to printing
- C18.1.1 Printing of newspapers
- C18.1.2 Other printing
- C18.1.3 Pre-press and pre-media services
- C18.1.4 Binding and related services
- C18.2 Reproduction of recorded media
- C18.2.0 Reproduction of recorded media
- C19 Manufacture of coke and refined petroleum products
- C19.1 Manufacture of coke oven products
- C19.1.0 Manufacture of coke oven products
- C19.2 Manufacture of refined petroleum products
- C19.2.0 Manufacture of refined petroleum products
- C20 Manufacture of chemicals and chemical products
- C20.1 Manufacture of basic chemicals, fertilisers and nitrogen
- compounds, plastics and synthetic rubber in primary forms
- C20.1.1 Manufacture of industrial gases
- C20.1.2 Manufacture of dyes and pigments
- C20.1.3 Manufacture of other inorganic basic chemicals
- C20.1.4 Manufacture of other organic basic chemicals
- C20.1.5 Manufacture of fertilisers and nitrogen compounds
- C20.1.6 Manufacture of plastics in primary forms
- C20.1.7 Manufacture of synthetic rubber in primary forms



- C20.2 Manufacture of pesticides and other agrochemical products
- C20.2.0 Manufacture of pesticides and other agrochemical products
- C20.3 Manufacture of paints, varnishes and similar coatings, printing ink and mastics
- C20.3.0 Manufacture of paints, varnishes and similar coatings, printing ink and mastics
- C20.4 Manufacture of soap and detergents, cleaning and polishing

preparations, perfumes and toilet preparations

- C20.4.1 Manufacture of soap and detergents, cleaning and polishing preparations
- C20.4.2 Manufacture of perfumes and toilet preparations
- C20.5 Manufacture of other chemical products
- C20.5.1 Manufacture of explosives
- C20.5.2 Manufacture of glues
- C20.5.3 Manufacture of essential oils
- C20.5.9 Manufacture of other chemical products n.e.c.
- C20.6 Manufacture of man-made fibres
- C20.6.0 Manufacture of man-made fibres
- C21 Manufacture of basic pharmaceutical products and pharmaceutical preparations
- C21.1 Manufacture of basic pharmaceutical products
- C21.1.0 Manufacture of basic pharmaceutical products
- C21.2 Manufacture of pharmaceutical preparations
- C21.2.0 Manufacture of pharmaceutical preparations
- C22 Manufacture of rubber and plastic products
- C22.1 Manufacture of rubber products
- C22.1.1 Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres
- C22.1.9 Manufacture of other rubber products
- C22.2 Manufacture of plastics products
- C22.2.1 Manufacture of plastic plates, sheets, tubes and profiles
- C22.2.2 Manufacture of plastic packing goods
- C22.2.3 Manufacture of builders' ware of plastic
- C22.2.9 Manufacture of other plastic products
- C23 Manufacture of other non-metallic mineral products
- C23.1 Manufacture of glass and glass products
- C23.1.1 Manufacture of flat glass
- C23.1.2 Shaping and processing of flat glass
- C23.1.3 Manufacture of hollow glass
- C23.1.4 Manufacture of glass fibres
- C23.1.9 Manufacture and processing of other glass, including technical glassware
- C23.2 Manufacture of refractory products
- C23.2.0 Manufacture of refractory products
- C23.3 Manufacture of clay building materials
- C23.3.1 Manufacture of ceramic tiles and flags
- C23.3.2 Manufacture of bricks, tiles and construction products, in baked clay
- C23.4 Manufacture of other porcelain and ceramic products
- C23.4.1 Manufacture of ceramic household and ornamental articles
- C23.4.2 Manufacture of ceramic sanitary fixtures
- C23.4.3 Manufacture of ceramic insulators and insulating fittings
- C23.4.4 Manufacture of other technical ceramic products
- C23.4.9 Manufacture of other ceramic products
- C23.5 Manufacture of cement, lime and plaster
- C23.5.1 Manufacture of cement
- C23.5.2 Manufacture of lime and plaster
- C23.6 Manufacture of articles of concrete, cement and plaster
- C23.6.1 Manufacture of concrete products for construction purposes
- C23.6.2 Manufacture of plaster products for construction purposes
- C23.6.3 Manufacture of ready-mixed concrete
- C23.6.4 Manufacture of mortars
- C23.6.5 Manufacture of fibre cement
- C23.6.9 Manufacture of other articles of concrete, plaster and cement
- C23.7 Cutting, shaping and finishing of stone



- C23.7.0 Cutting, shaping and finishing of stone
- C23.9 Manufacture of abrasive products and non-metallic mineral products n.e.c.
- C23.9.1 Production of abrasive products
- C23.9.9 Manufacture of other non-metallic mineral products n.e.c.
- C24 Manufacture of basic metals
- C24.1 Manufacture of basic iron and steel and of ferro-alloys
- C24.1.0 Manufacture of basic iron and steel and of ferro-alloys
- C24.2 Manufacture of tubes, pipes, hollow profiles and related fittings, of steel
- C24.2.0 Manufacture of tubes, pipes, hollow profiles and related fittings, of steel
- C24.3 Manufacture of other products of first processing of steel
- C24.3.1 Cold drawing of bars
- C24.3.2 Cold rolling of narrow strip
- C24.3.3 Cold forming or folding
- C24.3.4 Cold drawing of wire
- C24.4 Manufacture of basic precious and other non-ferrous metals
- C24.4.1 Precious metals production
- C24.4.2 Aluminium production
- C24.4.3 Lead, zinc and tin production
- C24.4.4 Copper production
- C24.4.5 Other non-ferrous metal production
- C24.4.6 Processing of nuclear fuel
- C24.5 Casting of metals
- C24.5.1 Casting of iron
- C24.5.2 Casting of steel
- C24.5.3 Casting of light metals
- C24.5.4 Casting of other non-ferrous metals
- C25 Manufacture of fabricated metal products, except machinery and equipment
- C25.1 Manufacture of structural metal products
- C25.1.1 Manufacture of metal structures and parts of structures
- C25.1.2 Manufacture of doors and windows of metal
- C25.2 Manufacture of tanks, reservoirs and containers of metal
- C25.2.1 Manufacture of central heating radiators and boilers
- C25.2.9 Manufacture of other tanks, reservoirs and containers of metal
- C25.3 Manufacture of steam generators, except central heating hot water boilers
- C25.3.0 Manufacture of steam generators, except central heating hot water boilers
- C25.4 Manufacture of weapons and ammunition
- C25.4.0 Manufacture of weapons and ammunition
- C25.5 Forging, pressing, stamping and roll-forming of metal; powder metallurgy
- C25.5.0 Forging, pressing, stamping and roll-forming of metal; powder metallurgy
- C25.6 Treatment and coating of metals; machining
- C25.6.1 Treatment and coating of metals
- C25.6.2 Machining
- C25.7 Manufacture of cutlery, tools and general hardware
- C25.7.1 Manufacture of cutlery
- C25.7.2 Manufacture of locks and hinges
- C25.7.3 Manufacture of tools
- C25.9 Manufacture of other fabricated metal products
- C25.9.1 Manufacture of steel drums and similar containers
- C25.9.2 Manufacture of light metal packaging
- C25.9.3 Manufacture of wire products, chain and springs
- C25.9.4 Manufacture of fasteners and screw machine products
- C25.9.9 Manufacture of other fabricated metal products n.e.c.
- C26 Manufacture of computer, electronic and optical products C26.1 Manufacture of electronic components and boards
- C26.1.1 Manufacture of electronic components
- C26.1.2 Manufacture of loaded electronic boards
- C26.2 Manufacture of computers and peripheral equipment
- C26.2.0 Manufacture of computers and peripheral equipment



- C26.3 Manufacture of communication equipment
- C26.3.0 Manufacture of communication equipment
- C26.4 Manufacture of consumer electronics
- C26.4.0 Manufacture of consumer electronics
- C26.5 Manufacture of instruments and appliances for measuring, testing
- and navigation; watches and clocks
- C26.5.1 Manufacture of instruments and appliances for measuring, testing and navigation
- C26.5.2 Manufacture of watches and clocks
- C26.6 Manufacture of irradiation, electromedical and electrotherapeutic equipment
- C26.6.0 Manufacture of irradiation, electromedical and electrotherapeutic equipment
- C26.7 Manufacture of optical instruments and photographic equipment
- C26.7.0 Manufacture of optical instruments and photographic equipment
- C26.8 Manufacture of magnetic and optical media
- C26.8.0 Manufacture of magnetic and optical media
- C27 Manufacture of electrical equipment
- C27.1 Manufacture of electric motors, generators, transformers and
- electricity distribution and control apparatus
- C27.1.1 Manufacture of electric motors, generators and transformers
- C27.1.2 Manufacture of electricity distribution and control apparatus
- C27.2 Manufacture of batteries and accumulators
- C27.2.0 Manufacture of batteries and accumulators
- C27.3 Manufacture of wiring and wiring devices
- C27.3.1 Manufacture of fibre optic cables
- C27.3.2 Manufacture of other electronic and electric wires and cables
- C27.3.3 Manufacture of wiring devices
- C27.4 Manufacture of electric lighting equipment
- C27.4.0 Manufacture of electric lighting equipment
- C27.5 Manufacture of domestic appliances
- C27.5.1 Manufacture of electric domestic appliances
- C27.5.2 Manufacture of non-electric domestic appliances
- C27.9 Manufacture of other electrical equipment
- C27.9.0 Manufacture of other electrical equipment
- C28 Manufacture of machinery and equipment n.e.c.
- C28.1 Manufacture of general-purpose machinery
- C28.1.1 Manufacture of engines and turbines, except aircraft, vehicle and cycle engines
- C28.1.2 Manufacture of fluid power equipment
- C28.1.3 Manufacture of other pumps and compressors
- C28.1.4 Manufacture of other taps and valves
- C28.1.5 Manufacture of bearings, gears, gearing and driving elements
- C28.2 Manufacture of other general-purpose machinery
- C28.2.1 Manufacture of ovens, furnaces and furnace burners
- C28.2.2 Manufacture of lifting and handling equipment
- C28.2.3 Manufacture of office machinery and equipment (except computers and peripheral equipment)
- C28.2.4 Manufacture of power-driven hand tools
- C28.2.5 Manufacture of non-domestic cooling and ventilation equipment
- C28.2.9 Manufacture of other general-purpose machinery n.e.c.
- C28.3 Manufacture of agricultural and forestry machinery
- C28.3.0 Manufacture of agricultural and forestry machinery
- C28.4 Manufacture of metal forming machinery and machine tools
- C28.4.1 Manufacture of metal forming machinery
- C28.4.9 Manufacture of other machine tools
- C28.9 Manufacture of other special-purpose machinery
- C28.9.1 Manufacture of machinery for metallurgy
- C28.9.2 Manufacture of machinery for mining, quarrying and construction
- C28.9.3 Manufacture of machinery for food, beverage and tobacco processing
- C28.9.4 Manufacture of machinery for textile, apparel and leather production
- C28.9.5 Manufacture of machinery for paper and paperboard production



- C28.9.6 Manufacture of plastics and rubber machinery
- C28.9.9 Manufacture of other special-purpose machinery n.e.c.
- C29 Manufacture of motor vehicles, trailers and semi-trailers
- C29.1 Manufacture of motor vehicles
- C29.1.0 Manufacture of motor vehicles
- C29.2 Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
- C29.2.0 Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
- C29.3 Manufacture of parts and accessories for motor vehicles
- C29.3.1 Manufacture of electrical and electronic equipment for motor vehicles
- C29.3.2 Manufacture of other parts and accessories for motor vehicles
- C30 Manufacture of other transport equipment
- C30.1 Building of ships and boats
- C30.1.1 Building of ships and floating structures
- C30.1.2 Building of pleasure and sporting boats
- C30.2 Manufacture of railway locomotives and rolling stock
- C30.2.0 Manufacture of railway locomotives and rolling stock
- C30.3 Manufacture of air and spacecraft and related machinery
- C30.3.0 Manufacture of air and spacecraft and related machinery
- C30.4 Manufacture of military fighting vehicles
- C30.4.0 Manufacture of military fighting vehicles
- C30.9 Manufacture of transport equipment n.e.c.
- C30.9.1 Manufacture of motorcycles
- C30.9.2 Manufacture of bicycles and invalid carriages
- C30.9.9 Manufacture of other transport equipment n.e.c.
- C31 Manufacture of furniture
- C31.0 Manufacture of furniture
- C31.0.1 Manufacture of office and shop furniture
- C31.0.2 Manufacture of kitchen furniture
- C31.0.3 Manufacture of mattresses
- C31.0.9 Manufacture of other furniture
- C32 Other manufacturing
- C32.1 Manufacture of jewellery, bijouterie and related articles
- C32.1.1 Striking of coins
- C32.1.2 Manufacture of jewellery and related articles
- C32.1.3 Manufacture of imitation jewellery and related articles
- C32.2 Manufacture of musical instruments
- C32.2.0 Manufacture of musical instruments
- C32.3 Manufacture of sports goods
- C32.3.0 Manufacture of sports goods
- C32.4 Manufacture of games and toys
- C32.4.0 Manufacture of games and toys
- C32.5 Manufacture of medical and dental instruments and supplies
- C32.5.0 Manufacture of medical and dental instruments and supplies
- C32.9 Manufacturing n.e.c.
- C32.9.1 Manufacture of brooms and brushes
- C32.9.9 Other manufacturing n.e.c.
- C33 Repair and installation of machinery and equipment
- C33.1 Repair of fabricated metal products, machinery and equipment
- C33.1.1 Repair of fabricated metal products
- C33.1.2 Repair of machinery
- C33.1.3 Repair of electronic and optical equipment
- C33.1.4 Repair of electrical equipment
- C33.1.5 Repair and maintenance of ships and boats
- C33.1.6 Repair and maintenance of aircraft and spacecraft
- C33.1.7 Repair and maintenance of other transport equipment
- C33.1.9 Repair of other equipment
- C33.2 Installation of industrial machinery and equipment
- C33.2.0 Installation of industrial machinery and equipment



D - Electricity, gas, steam and air conditioning supply

- D35 Electricity, gas, steam and air conditioning supply
- D35.1 Electric power generation, transmission and distribution
- D35.1.1 Production of electricity
- D35.1.2 Transmission of electricity
- D35.1.3 Distribution of electricity
- D35.1.4 Trade of electricity
- D35.2 Manufacture of gas; distribution of gaseous fuels through mains
- D35.2.1 Manufacture of gas
- D35.2.2 Distribution of gaseous fuels through mains
- D35.2.3 Trade of gas through mains
- D35.3 Steam and air conditioning supply
- D35.3.0 Steam and air conditioning supply

E - Water supply; sewerage; waste management and remediation activities

- E36 Water collection, treatment and supply
- E36.0 Water collection, treatment and supply
- E36.0.0 Water collection, treatment and supply
- E37 Sewerage
- E37.0 Sewerage
- E37.0.0 Sewerage
- E38 Waste collection, treatment and disposal activities; materials recovery
- E38.1 Waste collection
- E38.1.1 Collection of non-hazardous waste
- E38.1.2 Collection of hazardous waste
- E38.2 Waste treatment and disposal
- E38.2.1 Treatment and disposal of non-hazardous waste
- E38.2.2 Treatment and disposal of hazardous waste
- E38.3 Materials recovery
- E38.3.1 Dismantling of wrecks
- E38.3.2 Recovery of sorted materials
- E39 Remediation activities and other waste management services
- E39.0 Remediation activities and other waste management services
- E39.0.0 Remediation activities and other waste management services

F - Construction

- F41 Construction of buildings
- F41.1 Development of building projects
- F41.1.0 Development of building projects
- F41.2 Construction of residential and non-residential buildings
- F41.2.0 Construction of residential and non-residential buildings
- F42 Civil engineering
- F42.1 Construction of roads and railways
- F42.1.1 Construction of roads and motorways
- F42.1.2 Construction of railways and underground railways
- F42.1.3 Construction of bridges and tunnels
- F42.2 Construction of utility projects
- F42.2.1 Construction of utility projects for fluids
- F42.2.2 Construction of utility projects for electricity and telecommunications
- F42.9 Construction of other civil engineering projects
- F42.9.1 Construction of water projects
- F42.9.9 Construction of other civil engineering projects n.e.c.
- F43 Specialised construction activities
- F43.1 Demolition and site preparation
- F43.1.1 Demolition
- F43.1.2 Site preparation
- F43.1.3 Test drilling and boring
- F43.2 Electrical, plumbing and other construction installation activities
- F43.2.1 Electrical installation
- F43.2.2 Plumbing, heat and air-conditioning installation



- F43.2.9 Other construction installation
- F43.3 Building completion and finishing
- F43.3.1 Plastering
- F43.3.2 Joinery installation
- F43.3.3 Floor and wall covering
- F43.3.4 Painting and glazing
- F43.3.9 Other building completion and finishing
- F43.9 Other specialised construction activities
- F43.9.1 Roofing activities
- F43.9.9 Other specialised construction activities n.e.c.

G - Wholesale and retail trade; repair of motor vehicles and motorcycles

- G45 Wholesale and retail trade and repair of motor vehicles and motorcycles
- G45.1 Sale of motor vehicles
- G45.1.1 Sale of cars and light motor vehicles
- G45.1.9 Sale of other motor vehicles
- G45.2 Maintenance and repair of motor vehicles
- G45.2.0 Maintenance and repair of motor vehicles
- G45.3 Sale of motor vehicle parts and accessories
- G45.3.1 Wholesale trade of motor vehicle parts and accessories
- G45.3.2 Retail trade of motor vehicle parts and accessories
- G45.4 Sale, maintenance and repair of motorcycles and related parts and accessories
- G45.4.0 Sale, maintenance and repair of motorcycles and related parts and accessories
- G46 Wholesale trade, except of motor vehicles and motorcycles
- G46.1 Wholesale on a fee or contract basis
- G46.1.1 Agents involved in the sale of agricultural raw materials, live
- animals, textile raw materials and semi-finished goods
- G46.1.2 Agents involved in the sale of fuels, ores, metals and industrial chemicals
- G46.1.3 Agents involved in the sale of timber and building materials
- G46.1.4 Agents involved in the sale of machinery, industrial equipment, ships and aircraft
- G46.1.5 Agents involved in the sale of furniture, household goods, hardware and ironmongery
- G46.1.6 Agents involved in the sale of textiles, clothing, fur, footwear and leather goods
- G46.1.7 Agents involved in the sale of food, beverages and tobacco
- G46.1.8 Agents specialised in the sale of other particular products
- G46.1.9 Agents involved in the sale of a variety of goods
- G46.2 Wholesale of agricultural raw materials and live animals
- G46.2.1 Wholesale of grain, unmanufactured tobacco, seeds and animal feeds
- G46.2.2 Wholesale of flowers and plants
- G46.2.3 Wholesale of live animals
- G46.2.4 Wholesale of hides, skins and leather
- G46.3 Wholesale of food, beverages and tobacco
- G46.3.1 Wholesale of fruit and vegetables
- G46.3.2 Wholesale of meat and meat products
- G46.3.3 Wholesale of dairy products, eggs and edible oils and fats
- G46.3.4 Wholesale of beverages
- G46.3.5 Wholesale of tobacco products
- G46.3.6 Wholesale of sugar and chocolate and sugar confectionery
- G46.3.7 Wholesale of coffee, tea, cocoa and spices
- G46.3.8 Wholesale of other food, including fish, crustaceans and molluscs
- G46.3.9 Non-specialised wholesale of food, beverages and tobacco
- G46.4 Wholesale of household goods
- G46.4.1 Wholesale of textiles
- G46.4.2 Wholesale of clothing and footwear
- G46.4.3 Wholesale of electrical household appliances
- G46.4.4 Wholesale of china and glassware and cleaning materials
- G46.4.5 Wholesale of perfume and cosmetics
- G46.4.6 Wholesale of pharmaceutical goods
- G46.4.7 Wholesale of furniture, carpets and lighting equipment
- G46.4.8 Wholesale of watches and jewellery



- G46.4.9 Wholesale of other household goods
- G46.5 Wholesale of information and communication equipment
- G46.5.1 Wholesale of computers, computer peripheral equipment and software
- G46.5.2 Wholesale of electronic and telecommunications equipment and parts
- G46.6 Wholesale of other machinery, equipment and supplies
- G46.6.1 Wholesale of agricultural machinery, equipment and supplies
- G46.6.2 Wholesale of machine tools
- G46.6.3 Wholesale of mining, construction and civil engineering machinery
- G46.6.4 Wholesale of machinery for the textile industry and of sewing and knitting machines
- G46.6.5 Wholesale of office furniture
- G46.6.6 Wholesale of other office machinery and equipment
- G46.6.9 Wholesale of other machinery and equipment
- G46.7 Other specialised wholesale
- G46.7.1 Wholesale of solid, liquid and gaseous fuels and related products
- G46.7.2 Wholesale of metals and metal ores
- G46.7.3 Wholesale of wood, construction materials and sanitary equipment
- G46.7.4 Wholesale of hardware, plumbing and heating equipment and supplies
- G46.7.5 Wholesale of chemical products
- G46.7.6 Wholesale of other intermediate products
- G46.7.7 Wholesale of waste and scrap
- G46.9 Non-specialised wholesale trade
- G46.9.0 Non-specialised wholesale trade
- G47 Retail trade, except of motor vehicles and motorcycles
- G47.1 Retail sale in non-specialised stores
- G47.1.1 Retail sale in non-specialised stores with food, beverages or tobacco predominating
- G47.1.9 Other retail sale in non-specialised stores
- G47.2 Retail sale of food, beverages and tobacco in specialised stores
- G47.2.1 Retail sale of fruit and vegetables in specialised stores
- G47.2.2 Retail sale of meat and meat products in specialised stores
- G47.2.3 Retail sale of fish, crustaceans and molluscs in specialised stores
- G47.2.4 Retail sale of bread, cakes, flour confectionery and sugar confectionery in specialised stores
- G47.2.5 Retail sale of beverages in specialised stores
- G47.2.6 Retail sale of tobacco products in specialised stores
- G47.2.9 Other retail sale of food in specialised stores
- G47.3 Retail sale of automotive fuel in specialised stores
- G47.3.0 Retail sale of automotive fuel in specialised stores
- G47.4 Retail sale of information and communication equipment in specialised stores
- G47.4.1 Retail sale of computers, peripheral units and software in specialised stores
- G47.4.2 Retail sale of telecommunications equipment in specialised stores
- G47.4.3 Retail sale of audio and video equipment in specialised stores
- G47.5 Retail sale of other household equipment in specialised stores
- G47.5.1 Retail sale of textiles in specialised stores
- G47.5.2 Retail sale of hardware, paints and glass in specialised stores
- G47.5.3 Retail sale of carpets, rugs, wall and floor coverings in specialised stores
- G47.5.4 Retail sale of electrical household appliances in specialised stores
- G47.5.9 Retail sale of furniture, lighting equipment and other household articles in specialised stores
- G47.6 Retail sale of cultural and recreation goods in specialised stores
- G47.6.1 Retail sale of books in specialised stores
- G47.6.2 Retail sale of newspapers and stationery in specialised stores
- G47.6.3 Retail sale of music and video recordings in specialised stores
- G47.6.4 Retail sale of sporting equipment in specialised stores
- G47.6.5 Retail sale of games and toys in specialised stores
- G47.7 Retail sale of other goods in specialised stores
- G47.7.1 Retail sale of clothing in specialised stores
- G47.7.2 Retail sale of footwear and leather goods in specialised stores
- G47.7.3 Dispensing chemist in specialised stores
- G47.7.4 Retail sale of medical and orthopaedic goods in specialised stores
- G47.7.5 Retail sale of cosmetic and toilet articles in specialised stores



- G47.7.6 Retail sale of flowers, plants, seeds, fertilisers, pet animals and pet food in specialised stores
- G47.7.7 Retail sale of watches and jewellery in specialised stores
- G47.7.8 Other retail sale of new goods in specialised stores
- G47.7.9 Retail sale of second-hand goods in stores
- G47.8 Retail sale via stalls and markets
- G47.8.1 Retail sale via stalls and markets of food, beverages and tobacco products
- G47.8.2 Retail sale via stalls and markets of textiles, clothing and footwear
- G47.8.9 Retail sale via stalls and markets of other goods
- G47.9 Retail trade not in stores, stalls or markets
- G47.9.1 Retail sale via mail order houses or via Internet
- G47.9.9 Other retail sale not in stores, stalls or markets

H - Transporting and storage

- H49 Land transport and transport via pipelines
- H49.1 Passenger rail transport, interurban
- H49.1.0 Passenger rail transport, interurban
- H49.2 Freight rail transport
- H49.2.0 Freight rail transport
- H49.3 Other passenger land transport
- H49.3.1 Urban and suburban passenger land transport
- H49.3.2 Taxi operation
- H49.3.9 Other passenger land transport n.e.c.
- H49.4 Freight transport by road and removal services
- H49.4.1 Freight transport by road
- H49.4.2 Removal services
- H49.5 Transport via pipeline
- H49.5.0 Transport via pipeline
- H50 Water transport
- H50.1 Sea and coastal passenger water transport
- H50.1.0 Sea and coastal passenger water transport
- H50.2 Sea and coastal freight water transport
- H50.2.0 Sea and coastal freight water transport
- H50.3 Inland passenger water transport
- H50.3.0 Inland passenger water transport
- H50.4 Inland freight water transport
- H50.4.0 Inland freight water transport
- H51 Air transport
- H51.1 Passenger air transport
- H51.1.0 Passenger air transport
- H51.2 Freight air transport and space transport
- H51.2.1 Freight air transport
- H51.2.2 Space transport
- H52 Warehousing and support activities for transportation
- H52.1 Warehousing and storage
- H52.1.0 Warehousing and storage
- H52.2 Support activities for transportation
- H52.2.1 Service activities incidental to land transportation
- H52.2.2 Service activities incidental to water transportation
- H52.2.3 Service activities incidental to air transportation
- H52.2.4 Cargo handling
- H52.2.9 Other transportation support activities
- H53 Postal and courier activities
- H53.1 Postal activities under universal service obligation
- H53.1.0 Postal activities under universal service obligation
- H53.2 Other postal and courier activities
- H53.2.0 Other postal and courier activities

I - Accommodation and food service activities

- I55 Accommodation
- 155.1 Hotels and similar accommodation



- 155.1.0 Hotels and similar accommodation
- 155.2 Holiday and other short-stay accommodation
- 155.2.0 Holiday and other short-stay accommodation
- 155.3 Camping grounds, recreational vehicle parks and trailer parks
- 155.3.0 Camping grounds, recreational vehicle parks and trailer parks
- 155.9 Other accommodation
- 155.9.0 Other accommodation
- 156 Food and beverage service activities
- 156.1 Restaurants and mobile food service activities
- 156.1.0 Restaurants and mobile food service activities
- 156.2 Event catering and other food service activities
- 156.2.1 Event catering activities
- 156.2.9 Other food service activities
- 156.3 Beverage serving activities
- 156.3.0 Beverage serving activities

J - Information and communication

- J58 Publishing activities
- J58.1 Publishing of books, periodicals and other publishing activities
- J58.1.1 Book publishing
- J58.1.2 Publishing of directories and mailing lists
- J58.1.3 Publishing of newspapers
- J58.1.4 Publishing of journals and periodicals
- J58.1.9 Other publishing activities
- J58.2 Software publishing
- J58.2.1 Publishing of computer games
- J58.2.9 Other software publishing
- J59 Motion picture, video and television programme production, sound
- recording and music publishing activities
- J59.1 Motion picture, video and television programme activities
- J59.1.1 Motion picture, video and television programme production activities
- J59.1.2 Motion picture, video and television programme post-production activities
- J59.1.3 Motion picture, video and television programme distribution activities
- J59.1.4 Motion picture projection activities
- J59.2 Sound recording and music publishing activities
- J59.2.0 Sound recording and music publishing activities
- J60 Programming and broadcasting activities
- J60.1 Radio broadcasting
- J60.1.0 Radio broadcasting
- J60.2 Television programming and broadcasting activities
- J60.2.0 Television programming and broadcasting activities
- J61 Telecommunications
- J61.1 Wired telecommunications activities
- J61.1.0 Wired telecommunications activities
- J61.2 Wireless telecommunications activities
- J61.2.0 Wireless telecommunications activities
- J61.3 Satellite telecommunications activities
- J61.3.0 Satellite telecommunications activities
- J61.9 Other telecommunications activities
- J61.9.0 Other telecommunications activities
- J62 Computer programming, consultancy and related activities
- J62.0 Computer programming, consultancy and related activities
- J62.0.1 Computer programming activities
- J62.0.2 Computer consultancy activities
- J62.0.3 Computer facilities management activities
- J62.0.9 Other information technology and computer service activities
- J63 Information service activities
- J63.1 Data processing, hosting and related activities; web portals
- J63.1.1 Data processing, hosting and related activities



- J63.1.2 Web portals
- J63.9 Other information service activities
- J63.9.1 News agency activities
- J63.9.9 Other information service activities n.e.c.

K - Financial and insurance activities

- K64 Financial service activities, except insurance and pension funding
- K64.1 Monetary intermediation
- K64.1.1 Central banking
- K64.1.9 Other monetary intermediation
- K64.2 Activities of holding companies
- K64.2.0 Activities of holding companies
- K64.3 Trusts, funds and similar financial entities
- K64.3.0 Trusts, funds and similar financial entities
- K64.9 Other financial service activities, except insurance and pension funding
- K64.9.1 Financial leasing
- K64.9.2 Other credit granting
- K64.9.9 Other financial service activities, except insurance and pension funding n.e.c.
- K65 Insurance, reinsurance and pension funding, except compulsory social security
- K65.1 Insurance
- K65.1.1 Life insurance
- K65.1.2 Non-life insurance
- K65.2 Reinsurance
- K65.2.0 Reinsurance
- K65.3 Pension funding
- K65.3.0 Pension funding
- K66 Activities auxiliary to financial services and insurance activities
- K66.1 Activities auxiliary to financial services, except insurance and pension funding
- K66.1.1 Administration of financial markets
- K66.1.2 Security and commodity contracts brokerage
- K66.1.9 Other activities auxiliary to financial services, except insurance and pension funding
- K66.2 Activities auxiliary to insurance and pension funding
- K66.2.1 Risk and damage evaluation
- K66.2.2 Activities of insurance agents and brokers
- K66.2.9 Other activities auxiliary to insurance and pension funding
- K66.3 Fund management activities
- K66.3.0 Fund management activities

L - Real estate activities

- L68 Real estate activities
- L68.1 Buying and selling of own real estate
- L68.1.0 Buying and selling of own real estate
- L68.2 Renting and operating of own or leased real estate
- L68.2.0 Renting and operating of own or leased real estate
- L68.3 Real estate activities on a fee or contract basis
- L68.3.1 Real estate agencies
- L68.3.2 Management of real estate on a fee or contract basis

M - Professional, scientific and technical activities

- M69 Legal and accounting activities
- M69.1 Legal activities
- M69.1.0 Legal activities
- M69.2 Accounting, bookkeeping and auditing activities; tax consultancy
- M69.2.0 Accounting, bookkeeping and auditing activities; tax consultancy
- M70 Activities of head offices; management consultancy activities
- M70.1 Activities of head offices
- M70.1.0 Activities of head offices
- M70.2 Management consultancy activities
- M70.2.1 Public relations and communication activities
- M70.2.2 Business and other management consultancy activities
- M71 Architectural and engineering activities; technical testing and analysis



- M71.1 Architectural and engineering activities and related technical consultancy
- M71.1.1 Architectural activities
- M71.1.2 Engineering activities and related technical consultancy
- M71.2 Technical testing and analysis
- M71.2.0 Technical testing and analysis
- M72 Scientific research and development
- M72.1 Research and experimental development on natural sciences and engineering
- M72.1.1 Research and experimental development on biotechnology
- M72.1.9 Other research and experimental development on natural sciences and engineering
- M72.2 Research and experimental development on social sciences and humanities
- M72.2.0 Research and experimental development on social sciences and humanities
- M73 Advertising and market research
- M73.1 Advertising
- M73.1.1 Advertising agencies
- M73.1.2 Media representation
- M73.2 Market research and public opinion polling
- M73.2.0 Market research and public opinion polling
- M74 Other professional, scientific and technical activities
- M74.1 Specialised design activities
- M74.1.0 Specialised design activities
- M74.2 Photographic activities
- M74.2.0 Photographic activities
- M74.3 Translation and interpretation activities
- M74.3.0 Translation and interpretation activities
- M74.9 Other professional, scientific and technical activities n.e.c.
- M74.9.0 Other professional, scientific and technical activities n.e.c.
- M75 Veterinary activities
- M75.0 Veterinary activities
- M75.0.0 Veterinary activities

N - Administrative and support service activities

- N77 Rental and leasing activities
- N77.1 Renting and leasing of motor vehicles
- N77.1.1 Renting and leasing of cars and light motor vehicles
- N77.1.2 Renting and leasing of trucks
- N77.2 Renting and leasing of personal and household goods
- N77.2.1 Renting and leasing of recreational and sports goods
- N77.2.2 Renting of video tapes and disks
- N77.2.9 Renting and leasing of other personal and household goods
- N77.3 Renting and leasing of other machinery, equipment and tangible goods
- N77.3.1 Renting and leasing of agricultural machinery and equipment
- N77.3.2 Renting and leasing of construction and civil engineering machinery and equipment
- N77.3.3 Renting and leasing of office machinery and equipment (including computers)
- N77.3.4 Renting and leasing of water transport equipment
- N77.3.5 Renting and leasing of air transport equipment
- N77.3.9 Renting and leasing of other machinery, equipment and tangible goods n.e.c.
- N77.4 Leasing of intellectual property and similar products, except copyrighted works
- N77.4.0 Leasing of intellectual property and similar products, except copyrighted works
- N78 Employment activities
- N78.1 Activities of employment placement agencies
- N78.1.0 Activities of employment placement agencies
- N78.2 Temporary employment agency activities
- N78.2.0 Temporary employment agency activities
- N78.3 Other human resources provision
- N78.3.0 Other human resources provision
- N79 Travel agency, tour operator and other reservation service and related activities
- N79.1 Travel agency and tour operator activities
- N79.1.1 Travel agency activities
- N79.1.2 Tour operator activities



- N79.9 Other reservation service and related activities
- N79.9.0 Other reservation service and related activities
- N80 Security and investigation activities
- N80.1 Private security activities
- N80.1.0 Private security activities
- N80.2 Security systems service activities
- N80.2.0 Security systems service activities
- N80.3 Investigation activities
- N80.3.0 Investigation activities
- N81 Services to buildings and landscape activities
- N81.1 Combined facilities support activities
- N81.1.0 Combined facilities support activities
- N81.2 Cleaning activities
- N81.2.1 General cleaning of buildings
- N81.2.2 Other building and industrial cleaning activities
- N81.2.9 Other cleaning activities
- N81.3 Landscape service activities
- N81.3.0 Landscape service activities
- N82 Office administrative, office support and other business support activities
- N82.1 Office administrative and support activities
- N82.1.1 Combined office administrative service activities
- N82.1.9 Photocopying, document preparation and other specialised office support activities
- N82.2 Activities of call centres
- N82.2.0 Activities of call centres
- N82.3 Organisation of conventions and trade shows
- N82.3.0 Organisation of conventions and trade shows
- N82.9 Business support service activities n.e.c.
- N82.9.1 Activities of collection agencies and credit bureaus
- N82.9.2 Packaging activities
- N82.9.9 Other business support service activities n.e.c.

O - Public administration and defence; compulsory social security

- O84 Public administration and defence; compulsory social security
- O84.1 Administration of the State and the economic and social policy of the community
- O84.1.1 General public administration activities
- O84.1.2 Regulation of the activities of providing health care,
- education, cultural services and other social services, excluding social security
- O84.1.3 Regulation of and contribution to more efficient operation of businesses
- O84.2 Provision of services to the community as a whole
- O84.2.1 Foreign affairs
- O84.2.2 Defence activities
- O84.2.3 Justice and judicial activities
- O84.2.4 Public order and safety activities
- O84.2.5 Fire service activities
- O84.3 Compulsory social security activities
- O84.3.0 Compulsory social security activities

P - Education

- P85 Education
- P85.1 Pre-primary education
- P85.1.0 Pre-primary education
- P85.2 Primary education
- P85.2.0 Primary education
- P85.3 Secondary education
- P85.3.1 General secondary education
- P85.3.2 Technical and vocational secondary education
- P85.4 Higher education
- P85.4.1 Post-secondary non-tertiary education
- P85.4.2 Tertiary education
- P85.5 Other education



- P85.5.1 Sports and recreation education
- P85.5.2 Cultural education
- P85.5.3 Driving school activities
- P85.5.9 Other education n.e.c.
- P85.6 Educational support activities
- P85.6.0 Educational support activities

Q - Human health and social work activities

- Q86 Human health activities
- Q86.1 Hospital activities
- Q86.1.0 Hospital activities
- Q86.2 Medical and dental practice activities
- Q86.2.1 General medical practice activities
- Q86.2.2 Specialist medical practice activities
- Q86.2.3 Dental practice activities
- Q86.9 Other human health activities
- Q86.9.0 Other human health activities
- Q87 Residential care activities
- Q87.1 Residential nursing care activities
- Q87.1.0 Residential nursing care activities
- Q87.2 Residential care activities for mental retardation, mental health and substance abuse
- Q87.2.0 Residential care activities for mental retardation, mental health and substance abuse
- Q87.3 Residential care activities for the elderly and disabled
- Q87.3.0 Residential care activities for the elderly and disabled
- Q87.9 Other residential care activities
- Q87.9.0 Other residential care activities
- Q88 Social work activities without accommodation
- Q88.1 Social work activities without accommodation for the elderly and disabled
- Q88.1.0 Social work activities without accommodation for the elderly and disabled
- Q88.9 Other social work activities without accommodation
- Q88.9.1 Child day-care activities
- Q88.9.9 Other social work activities without accommodation n.e.c.

R - Arts, entertainment and recreation

- R90 Creative, arts and entertainment activities
- R90.0 Creative, arts and entertainment activities
- R90.0.1 Performing arts
- R90.0.2 Support activities to performing arts
- R90.0.3 Artistic creation
- R90.0.4 Operation of arts facilities
- R91 Libraries, archives, museums and other cultural activities
- R91.0 Libraries, archives, museums and other cultural activities
- R91.0.1 Library and archives activities
- R91.0.2 Museums activities
- R91.0.3 Operation of historical sites and buildings and similar visitor attractions
- R91.0.4 Botanical and zoological gardens and nature reserves activities
- R92 Gambling and betting activities
- R92.0 Gambling and betting activities
- R92.0.0 Gambling and betting activities
- R93 Sports activities and amusement and recreation activities
- R93.1 Sports activities
- R93.1.1 Operation of sports facilities
- R93.1.2 Activities of sport clubs
- R93.1.3 Fitness facilities
- R93.1.9 Other sports activities
- R93.2 Amusement and recreation activities
- R93.2.1 Activities of amusement parks and theme parks
- R93.2.9 Other amusement and recreation activities

S - Other services activities

S94 - Activities of membership organisations



- S94.1 Activities of business, employers and professional membership organisations
- S94.1.1 Activities of business and employers membership organisations
- S94.1.2 Activities of professional membership organisations
- S94.2 Activities of trade unions
- S94.2.0 Activities of trade unions
- S94.9 Activities of other membership organisations
- S94.9.1 Activities of religious organisations
- S94.9.2 Activities of political organisations
- S94.9.9 Activities of other membership organisations n.e.c.
- S95 Repair of computers and personal and household goods
- S95.1 Repair of computers and communication equipment
- S95.1.1 Repair of computers and peripheral equipment
- S95.1.2 Repair of communication equipment
- S95.2 Repair of personal and household goods
- S95.2.1 Repair of consumer electronics
- S95.2.2 Repair of household appliances and home and garden equipment
- S95.2.3 Repair of footwear and leather goods
- S95.2.4 Repair of furniture and home furnishings
- S95.2.5 Repair of watches, clocks and jewellery
- S95.2.9 Repair of other personal and household goods
- S96 Other personal service activities
- S96.0 Other personal service activities
- S96.0.1 Washing and (dry-)cleaning of textile and fur products
- S96.0.2 Hairdressing and other beauty treatment
- S96.0.3 Funeral and related activities
- S96.0.4 Physical well-being activities
- S96.0.9 Other personal service activities n.e.c.

<u>T - Activities of households as employers; undifferentiated goods - and services - producing activities of households for own use</u>

- T97 Activities of households as employers of domestic personnel
- T97.0 Activities of households as employers of domestic personnel
- T97.0.0 Activities of households as employers of domestic personnel
- T98 Undifferentiated goods- and services-producing activities of private households for own use
- T98.1 Undifferentiated goods-producing activities of private households for own use
- T98.1.0 Undifferentiated goods-producing activities of private households for own use
- T98.2 Undifferentiated service-producing activities of private households for own use
- T98.2.0 Undifferentiated service-producing activities of private households for own use

U - Activities of extraterritorial organisations and bodies

- U99 Activities of extraterritorial organisations and bodies
- U99.0 Activities of extraterritorial organisations and bodies
- U99.0.0 Activities of extraterritorial organisations and bodies
 - [Merger cases] [Merger Legislation] [Mergers Other
 - documents] [Published in the Official Journal on Merger Control]

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