

Statistics Austria

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**Classification ÖNANCE 2008 - 2012 - Ö-ISCO 2008 - 2012
ISCED-97-Level 2012**

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Classifications and specifications, certificates of competency and licensing's in 2009

**Engineering, Civil Engineering, Architecture and Master for High, Low & Special Constructions
Site management, ÖBA, Building Law
Construction Measurement
Certificates, Decisive Expert Certificates
Planning, Static's
Controlling, Projectmanagement
Immobile Assessment
Construction Documentation, Construction Physics**

Full Member of the WKO & AWKO

**ÖSTAT F/M/J/SV/71.11-0 Architekt
ÖNANCE 08-12 - E-ISCO 08-12 - F 41.10-0 NOV - M DE 71.11-0 - 28.11.2012**

Statistical central office of Vienna

**ÖSTAT F/M/J/SV/71.11-0 Architekt - ÖNANCE 08-12 - E-ISCO 08-12 - F 41.10-0 NOV - M DE
71.11-0 - 28.11.2012**

Approved, accredit & certificated by the EUC - Brussels EUC - EI-030527-155 QA

**SV.m.Dipl.Ing(bwa). Diploma Conclusion 21.03.2006 certified, accredit and bilateral legalized by
the Federal Swiss Chancellery and EDA Basel on 05.03.2007, by the Austrian Generalconsulate
Basel on 08.03.2007 and the Official Court in Krems a. d. Donau Austria on 13. Feb. 2008**

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- **Certificated & accredited external check after §§14,15.16 & 17 NÖBO 1996 submission - site management - approval procedure**
- **Certificated & accredited external check stock-takings, continuance measurement, continuance documentation, engineer's findings**
- **Certificated & accredited external check project studies & master planning**
- **Certificated & accredited external check construction time & financial controlling, account of land appropriations and federal appropriations, residential construction supports**
- **Certificated & accredited GU & University of Technology achievement lists ABK7 - 2011, AVA + 3.2, OMNIS7 to ÖN2062 & ÖN2063**
- **Certificated & accredited quotations GU ABK7 - 2011, AVA + 3.2, OMNIS7 to ÖN2062 & ÖN2063**
- **Certificated & accredited external check immobile investigations and assessments**
- **Certificated & accredited external check - creation advisory board of the country Lower Austria of place & landscape creation after NÖBO 1996**
- **Certificated & accredited external check after §§25,27,28.29 & 30 NÖBO 1996 acceptance & use approval**
- **Certificated & accredited external check QS of the TGA in the old- and new building sector**
- **Certificated & accredited external check energy identity cards, juridical parifications**
- **Certificated & accredited external check of property & real estate assessment, construction documentation state, redevelopment measure catalogue**

Subclass: And the following 41.10-0
Title: Construction

Explanations:

Master builder according to §94 Z. 5 GewO 1994

[http:// www.bau-noe.at/pages/details.php? Report=92](http://www.bau-noe.at/pages/details.php?Report=92)

Master builder according to §94 Z. 5 GewO 1994

Extract from the industrial code:

§99 paragraph 1: The master builder is entitled,

1. To plan structural engineering, civil engineering and other related constructions and to calculate,
2. To lead structural engineering, civil engineering and other related constructions,
3. To explain structural engineering, civil engineering and other related constructions in accordance with the paragraph 2 also structural engineering, civil engineering and other related constructions,
4. To put up scaffoldings for which static knowledge is necessary,
5. for the project development, project management and project control, to the project management as well as for the takeover of the site management,
6. within the scope of his trade authorisation to the representation of his principal before authorities and bodies of public right.

(2) The master builder is entitled furthermore to take over also the works of other trades within the scope of his site management, to plan and to calculate and to lead. He is also entitled to explain these works within the scope of his site management independently, as far as it concerns activities of the concrete goods producers, cast stone producers, "Terrazo" work, Isolator, screed manufacturers, ostrich, gardeners, plasterers and dry constructions, warm dawn, cold dawn, sound dawn and fire dawn and the abducting against humidity and pressure water. The production the master builder may take over from screeds and dry constructions work regardless of a site management and explain. As far as it concerns works of trades not called during these sales, he has to help himself for the implementation of these works their for authorised businessmen. Furthermore he is entitled regardless of the rights of the well supervisors to the realisation of deep wells of all kind.

(3) The ability for activities according to paragraph 1 Z 1 and 2 can be produced only in the way of a certificate of competency according to §18 paragraph 1.

(4) To write the authorisation of other businessmen, the arrangements technical in connection with the planning and facilities to necessary preliminary draughts in the area of the structural engineering and civil engineering, remains untouched.

(5) Only the businessmen whose fabric authorisation contains the right for the comprehensive planning according to §99 Abs.1 Z 1 may use the name "Master builder". The businessmen who are entitled to the exercise of the master builder's trade restrictedly on the implementation of constructions may use no name which could wake the impression that they are entitled to the planning of constructions.

(6) The Federal Minister of Commerce and Labour has to find out at the request of the businessman within three months by answer that the businessman whose trade authorisation contains the right for the comprehensive planning according to §99 paragraphs 1 Z1 may also use the name "commercial architect", if he beside the name "Master builder"

1. a certificate, a certificate or an other certificate of competency according to the articles 10 and 11 of the directive 85 / 384 / EWG from the 10th of June, 1985 for the mutual recognition of the certificates, certificates and other certificates of competency in the area of the architecture and for measures to the relief of the actual exercise of the right of establishment and the right on free service traffic, AB1. No. L 223 from the 21st of August, 1985, p. 15/25 - appendix VII Z 18 of the EWR agreement,
 - a) has acquired either on grounds of the successful finished of the school leaving exam in an appropriate home higher technical educational establishment (structural engineering) and at least ten years than construction businessman or in to the same-keeping closed function acted
 - b) or has acquired on grounds of a home appropriate academic(university)study and

2. in another member state of the European Union or the European Union on grounds of the regulations applying there and norms or even really from the takeover from public orders in the field of his trade authorisation or from the regulations applying there and norms from the takeover was excluded from private orders or from the participation in private advertising because he this name do not lead, provided that this exclusion not only compared with a home one Competitor becomes effective.

Authorisation extent:

1. Production of official plans, calculation and management of structural engineering, civil engineering and other related constructions of all kind and Scales, regardless of the implementation
2. Representation of the principal before authorities or bodies of public right
3. Takeover of whole planning missions
4. Activity as a general enterpriser
5. Takeover of the construction expiry planning, construction winding up as well as the construction coordination
6. Implementation of structural engineering, civil engineering and other related constructions of all kind and scales
7. Realisation of measurement operations
8. Realisation of economic efficiency calculations
9. Production of achievement lists, namely from master builder's works as well as taking into account works of other businessmen
10. Accompanying construction control
11. Supervision and running examination of the works concerning correspondence with building codes, as well as submission of her Approval documents
12. Realisation of the project management
13. Construction of scaffoldings
14. Demolition of structural engineering, civil engineering and other related constructions of all kind and scales
15. Takeover of deep wells
16. Realisation of all earth movement works

Access conditions:

1. Subject architecture or structural engineer's being or economic engineering - civil engineering or cultural technology and water economy
2. Advanced technical college study
+ 3 years of technical activity, of it two years as a site manager or site foreman
+ Ability check
3. Subject architecture at an art college
+ 4 years of technical activity, of it 2 years as a site manager or site foreman
+ Ability check
4. BHS or special forms in each case with main focus Civil engineering
+ 4 years of technical activity, of it 2 years as a site manager or site foreman
+ Ability check
5. Teaching final examination in the teaching civil engineering or bricklayer or carpenter or carpentry or formwork farmer or constructional draftsman
+ 6 years of technical activity (not within the scope of a teaching relation), of it 2 years as a site manager or site foreman
+ Ability check
6. other vocational school or special forms or school attempts in each case with main focus Civil engineering
+ 6 years of technical activity, of it 2 years as a site manager or site foreman
+ Ability check

Summary of the legal situation, provided by the office construction of the economic chamber Austria; state: July, 2009

Ban of constructional offices

The ban of the grounds of (ua) constructional offices is regulated in §134 paragraph 3 GewO as follows: „Engineer's offices may not be founded in fields which enclose reserved activities to the master builders, well supervisors, the room masters or the stonecutter masters including the cast stone production and “Terrazo” work. This is not valid for engineer's offices for interior decoration [...] and for engineer's offices for cultural technology and water economy within the scope of her field.“

To the areas reserved to the master builders count ua: To plan structural engineering, civil engineering and other related constructions and to calculate (§99 to lead paragraph 1 Z 1 GewO), structural engineering, civil engineering and other related constructions (§99 paragraph 1 Z 2 GewO), project development, project management and project control, project management as well as takeover the site management (§99 paragraph 1 Z 5 GewO).

It concerns with this regulation compelling right. Should an engineer's office in one of the reserved areas (with the exception of an engineer's office for interior decoration or an engineer's office be announced for cultural technology and water economy), the authority according to §340 has to prohibit paragraph 3 GewO this According to answer. Besides, a latitude does not exist. Informatively is to be pointed out to the fact that this legal situation is valid since 1958; the „constructional offices established before it“ may act on account of a transitional regulation still furthermore.

Subclass: M 71.12-0

Title: Engineer's offices

Explanations:

This subclass encloses:

- Engineer's design (i.e. use of physical laws and construction principles on the draught of machines, materials, instruments, structures, procedures and systems) and consultation operations for:
 - Machines, industrial procedures and arrangements
 - Projects in connection with structural engineering and civil engineering, hydraulic engineering and road construction
 - Planning, care and accompanying control of civil engineering work works
 - Water economy projects
 - Draught and implementation of projects in the areas of Electrical engineering and electronics, mining, procedure technology, mechanical engineering, manufacturing organisation, system development, security technology
 - Draught of projects in the areas of Climate technology, chill technology, sanitary technology and environmental technology, audio engineering etc.
 - Geophysical, geologic and seismic investigations
 - Geodetic investigations:
 - Land surveying and border measurement
 - Hydrologic investigations
 - Subterranean investigations
 - Cartographies and telemetry

This subclass encloses further:

- Activities of design offices or technical design studios
- Expert's operations or consultant's operations for the activities classed in this subclass
- Activities of civil engineers, engineer's consultants, civil geometer and civil engineers according to her competence

This subclass does not enclose:

- Test drillings in the mining (see. 09.10-0 and 09.90-0)
- Development and transferring of software in the engineering (see. 58.29-0 and 62.01-0)
- Activities of hard and software advisers and software advisers (see. 62.02-0 and 62.09-0)
- Technical, physical and chemical investigations (see. 71.20-0)
- Research and development in the engineering (see. 72.1)
- Industrial design (see. 74.10-0)

- Aerial picture photograph (see. 74.20-0)

Subclass: J62 and J63

Title: Performance of services of the information technology and news service achievements

J 62 performance of services of the information technology

J 63 information technology service achievements

Group: J 62.0

Title: Performance of services of the information technology

Deeper breakdown:

Code elements

J programming operations

62.01

J performance of consultation achievements in the area of the information technology

62.02

J company of data processing facilities for third

62.03

J performance of other services of the information technology

62.02

Department: J 63

Title: News service achievements

Deeper breakdown:

Code elements

J data processing, Hosting and with it linked activities; web main entrances

63.1

J performance of other news service achievements

63.9

Subclass: M 71.11-0

Title: Architect's offices see also subclass F 41.10-0 construction and subclass M 71.12-0 engineer's office

Explanations:

This subclass encloses:

- Consultation operations of architect's offices:
- Building design and construction plan
- Town planning and landscape architecture
- architectural planning achievements:
- Production of planning documents (also digitally)
- Preliminary draught and draught
- Official plannings for the official approval
- Implementation planning
- Cost inquiry
- Continuance and handing over plans
- Object care for a certain period concerning appearing construction faults as well as construction documentations
- Construction supervision
- Project control and accompanying control
- Construction coordination

This subclass does not enclose:

- Activities of hard and software advisers and hard and software advisers (see. 62.02-0 and 62.09-0)
- Activities of interior designers and interior decorators (see. 74.10-0)

Subclass: And the following F 41.10-0

Title: Construction - implementation

Explanations:

Subclass: And the following F 41.10-0

Title: Development of properties; developer

Explanations:

This subclass encloses:

- Realisation of building project with regard to residential constructions and non-residential buildings for the later sales by backup of the financing and technical implementation

This subclass does not enclose:

- Construction of buildings (see. 41.20)
- Activities of architect's offices and engineer's offices (see. 71.1)
- Project management achievements for building project (see. 71.1)

Subclass: And the following F 41.20-1

Title: House building and settlement construction

Explanations:

This subclass encloses:

- Establishment of residential buildings of all kind:
 - Single-family dwellings
 - Blocks of flats including high rises
- Establishment of finished part houses for residential purposes of concrete on the building site
- Establishment of finished part houses for residential purposes of wood on the building site

This subclass does not enclose:

- Activities of architect's offices and engineer's offices (see. 71.1)
- Project management for building project (see. 71.1)

Subclass: And the following F 41.20-2

Title: Adaptation works in the structural engineering

Explanations:

This subclass encloses:

- Construction works in connection with renovations and Adaptierungen in the structural engineering
- Rebuilding or renovation of existing residential constructions

This subclass does not enclose:

- Activities of architect's offices and engineer's offices (see. 71.1)
- Project management for building project (see. 71.1)

Subclass: And the following F 42.11-0
Title: Construction of streets

Explanations:

This subclass encloses:

- Construction of highways, country roads, streets and ways
- Layer works on streets, bridges and tunnels:
- Asphalt from streets
- Mark of roadways, parking bays and similar surfaces
- Attach from guardrails, traffic signs
- Construction of start roads and land roads including rolling roads and accompanying airport buildings without building
- Maintenance and repair of streets

This subclass does not enclose:

- Assembly of road lightings and electric signals (see. 43.21-0)
- Activities of architect's offices and engineer's offices (see. 71.1)
- Project management for building project (see. 71.1)

Subclass: And the following F 42.12-0
Title: Construction of road traffic distances

Explanations:

This subclass encloses:

- Construction of road traffic distances
- Construction of funicular railways and cable railways
- Renewal or repair of road traffic distances

This subclass does not enclose:

- Assembly of lighting and electric signals (see. 43.21-0)
- Activities of architect's offices and engineer's offices (see. 71.1)
- Project management for building project (see. 71.1)

Subclass: And the following F 42.13-1
Title: Bridge road construction and high road construction

Explanations:

This subclass encloses:

- Construction of bridges, viaducts and high-level streets

This subclass does not enclose:

- Assembly of lighting and electric signals (see. 43.21-0)
- Activities of architect's offices and engineer's offices (see. 71.1)
- Project management for building project (see. 71.1)

Subclass: And the following F 42.13-2
Title: Tunnel construction

Explanations:

This subclass encloses:

- Construction of tunnels and underpasses

This subclass encloses further:

- Construction of U-road nets

This subclass does not enclose:

- Assembly of lighting and electric signals (see. 43.21-0)
- Activities of architect's offices and engineer's offices (see. 71.1)
- Project management for building project (see. 71.1)

Subclass: And the following F 42.21-0

Title: Conduit civil engineering, well construction and sewage plant construction

Explanations:

This subclass encloses:

- Construction from:
 - Pipe long-distance lines and urban conduits
 - Water pipes
 - To irrigation systems (canals)
 - Storage tanks
- Construction from:
 - To canal nets (including maintenance)
 - Sewerage facilities
 - Pumping stations
 - Well construction

This subclass does not enclose:

- Project management for civil engineering operations (see. 71.1)

Subclass: And the following F 42.22-0

Title: Cable net line civil engineering

Explanations:

This subclass encloses:

- Construction of civil engineering works for:
 - Stream and communication power mains (internal-urban and about country) including accompanying buildings like broadcasting towers and free poles aeriels or transformer stations as well as switch stations for the distribution at municipal level
 - Power stations

This subclass does not enclose:

- Project management for civil engineering operations (see. 71.1)

Subclass: And the following F 42.91-0

Title: Hydraulic engineering

Explanations:

This subclass encloses:

- Construction from:
 - Waterways, harbours (including yacht harbours), river constructions, sluices etc.
 - Dams and dykes
 - Dredge from waterways

This subclass does not enclose:

- Transferring of sea cables (see. 42.22-0)
- Project management for civil engineering operations (see. 71.1)

Subclass: And the following F 42.99-0

Title: Other civil engineering a.n.g.

Explanations:

This subclass encloses:

- Construction of industrial arrangements (except buildings) such as
- Refineries
- Chemical factories
- Establishment of buildings which no buildings are, such as
- Sports arrangements and recreational arrangements

This subclass encloses further:

- Segmenting and opening of country (parcelled out properties) including infrastructure improvements (e.g., construction of additional streets and public utility uses)

This subclass does not enclose:

- Installation of machines and equipment (see. 33.20-0)
- Segmenting and opening of country without infrastructure improvements (see. 68.10-0)
- Project management for civil engineering operations (see. 71.1)

Department: And the following F 43

Title: Preparatory building site works, construction installation and other removal trade

Deeper breakdown:

Code elements

F And the following demolition works and preparatory building site works

43.1

F And the following construction installation

43.2

F And the following other removal

43.3

F And the following other specified building activities

43.9

National and international Expert's

Subclass: Anew 00

Title: National and international accredited and certificated Forensics

Explanations:

This subclass encloses:

- The expert
- The judicial expert
- The certificate
- The right of the expert
- Compensation and cost allowance
- Competent area planning, architecture, certified engineer's being, construction - In general and specified
- Competent area court civil law
- Competent area court criminal law

- Competent area immovable estimates and certificates
- Competent area authority, environment, nature conservation, old loads
- Competent area national law and laws - the EU right
- Competent area justice
- Competent area police and criminal forensic
- Competent area financial law and controlling
- Competent area companies - craft and industry
- Competent area vehicle
- Competent area IT - Hardware
- Competent area IT - Software
- Competent area IT - Internet and user data
- Competent area medicine in general
- Competent area medicine specified
- Competent area psychology
- Competent area education, higher education and teachings
- Competent area labour legislation and social right
- Expert as a justice forensics
- Expert as a referee
- Competent area interpreter
- Competent area national law
- Competent area German right
- Competent area the EU - right
- Competent area international right and international expert's activity legal aid agreements and inside diplomatic assistance

This subclass encloses further:

This subclass does not enclose:

Juridical activities which in connection with lawyer activity, to judicial, public lawyer activity , police, military, justice and similar official and civil law interests stand except a straight competence and / or an official licensing is proved

Alphabetical:

Alphabetical

- Construction supervision by engineer's offices
- Construction care by engineer's offices
- Construction plan by engineer's offices
- Structural engineer's office
- Site management by engineer's offices
- Building design office, engineer's offices
- Building project management by engineer's offices
- Construction competent office, engineer's office
- Construction-ecological consultation
- Consultation, construction-ecologically
- Fire prevention consultation
- Office for automation
- Energy consultation

- Draught of industrial arrangements
- Draught of machines
- Investigation of ground water occurrences
- Exploratron of gas fields
- Exploratron of oil beds
- Field measurements
- Field measurement office
- Geodetic investigations
- Geologic institution
- Geologic investigations
- Geometry office
- Geophysical investigations
- Consultant's operations for activities of engineer's offices
- Hydrologic investigations
- Industrial arrangements, planning
- Engineer's office
- Engineer's consultant's office
- Engineer's models
- Cartography
- Design engineering department
- Consultant's office for technical questions
- Land surveying
- Machines, draught
- Mechanical engineering, draught
- Investigation office
- Planning master builder, civil engineering
- Planning master builder, civil engineering
- Planning office, engineer's office
- Projecting
- Spatial planning
- Competent activity for activities of engineer's offices

- Competent activity of engineer's offices
- Seismograph broad investigations
- Technical sign studio
- Telemetry
- Investigations, geodetically
- Investigations, geologically
- Investigations, geophysical
- Investigations, hydrologic
- Investigations, seismographic
- Measurement office
- Test drilling
- Water economy projects
- Sign studio, technically
- Sign office
- Civil geometer office
- Civil engineer's office (not: for the structural engineering)
- Civil engineer's office

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Construction Measurement
Certificates, Decisive Expert Certificates
Planning, Static's
Controlling, Projectmanagement
Immobile Assessment
Construction Documentation, Construction Physics**

Full Member of the WKO & AWKO

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Basel on 08.03.2007 and the Official Court in Krems a. d. Donau Austria on 13. Feb. 2008**

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- **Certificated & accredited external check construction time & financial controlling, account of land appropriations and federal appropriations, residential construction supports**
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- **Certificated & accredited external check immobile investigations and assessments**
- **Certificated & accredited external check - creation advisory board of the country Lower Austria of place & landscape creation after NÖBO 1996**
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- **Certificated & accredited external check QS of the TGA in the old- and new building sector**
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- **Certificated & accredited external check of property & real estate assessment, construction documentation state, redevelopment measure catalogue**

Main classification by the government institution statistics Austria dept. REG Gugl-Lane 13, A - 1110
Vienna - Austria

Architect's office

Subclass: M 71.11-0

Title: Architect's offices see also subclass F 41.10-0 construction and subclass M 71.12-0 engineer's office

Explanations:

This subclass encloses:

- Consultation operations of architect's offices:
- Building design and draught
- Town planning and landscape architecture
- architectural planning achievements:
- Production of planning documents (also digitally)
- Preliminary draught and draught
- Planning for the official approval
- Implementation planning
- Cost inquiry
- Continuance and handing over plans
- Object care for a certain period concerning appearing construction faults as well as construction documentations
- Construction supervision
- Project control and accompanying control
- Construction coordination

This subclass does not enclose:

- Activities of hard and software advisers, hard and software advisers (see. 62.02-0 and 62.09-0)
- Activities of interior designers and interior decorators (see. 74.10-0)

Under classification by the government institution statistics Austria dept. REG Gugl-Lane 13, A - 1110
Vienna - Austria

Engineer's office

Subclass: M 71.12-0

Title: Engineer's offices

Explanations:

This subclass encloses:

- Engineer's design (i.e. use of physical laws and construction principles on the draught of machines, materials, instruments, structures, procedures and systems) and consultation operations for:
- Machines, industrial procedures and arrangements
- Projects in connection with structural engineering and civil engineering, hydraulic engineering and road construction
- Planning, care and accompanying control of civil engineering work works
- Water economy projects
- Draught and implementation of projects in the areas of Electrical engineering and electronics, mining, procedure technology, Mechanical engineering, manufacturing organisation, system development, security technology
- Draught of projects in the areas of Climate technology, chill technology, sanitary technology and environmental technology, audio engineering etc.
- Geophysical, geologic and seismic investigations
- Geodetic investigations:
- Land surveying and border measurement
- Hydrologic investigations

- Subterranean investigations
- Cartography and telemetry

This subclass encloses further:

- Activities of sign offices or technical design studios
- Expert's operations or consultant's operations for the activities classed in this subclass
- Activities of civil engineers, engineer's consultants, civil geometrician and civil engineers according to her competence

This subclass does not enclose:

- Test drillings in the mining (see. 09.10-0 and 09.90-0)
- Development and transferring of software in the engineering (see. 58.29-0 and 62.01-0)
- Activities of hard and software advisers and software advisers (see. 62.02-0 and 62.09-0)
- Technical, physical and chemical investigations (see. 71.20-0)
- Research and development in the engineering (see. 72.1)
- Industrial design (see. 74.10-0)
- Aerial picture photograph (see. 74.20-0)

Under classification by the government institution statistics Austria dept. REG Gugl-Lane 13, A - 1110 Vienna - Austria

Data processing and information technology

Subclass: J62 and J63

Title: Performance of services of the information technology and news service achievements

J 62 performance of services of the information technology

J 63 news service achievements

Group: J 62.0

Title: Performance of services of the information technology

Deeper breakdown:

Code elements

J programming operations

62.01

J performance of consultation achievements in the area of the information technology

62.02

J company of data processing facilities for third

62.03

J performance of other services of the information technology

62.09

Department: J 63

Title: News service achievements

Deeper breakdown:

Code elements

J data processing, Hosting and with it linked activities; web main entrances

63.1

J performance of other news service achievements

63.9

Under classification by the government institution statistics Austria dept. REG Gugl-Lane 13, A - 1110 Vienna - Austria

National and international Expert's

Subclass: Anew 00

Title: National and international accredited and certificated Forensics

Explanations:

This subclass encloses:

- The expert
- The judicial expert
- The certificate
- The right of the expert
- Compensation and cost allowance
- Competent area planning, architecture, certified engineer's being, construction - In general and specified
- Competent area court civil law
- Competent area court criminal law
- Competent area immovable estimates and certificates
- Competent area authority, environment, nature conservation, old loads
- Competent area national law and laws - the EU right
- Competent area justice
- Competent area police and criminal forensic
- Competent area financial law and controlling
- Competent area companies - craft and industry
- Competent area vehicle
- Competent area IT - Hardware
- Competent area IT - Software
- Competent area IT - Internet and user data
- Competent area medicine in general
- Competent area medicine specified
- Competent area psychology
- Competent area education, higher education and teachings
- Competent area labour legislation and social right
- Expert as a justice forensics
- Expert as a referee
- Competent area interpreter
- Competent area national law
- Competent area German right
- Competent area the EU - right
- Competent area international right and international expert's activity legal aid agreements and inside diplomatic assistance

This subclass encloses further:

This subclass does not enclose:

Juridical activities which in connection with lawyer activity, to judicial, public lawyer activity , police, military, justice and similar official and civil law interests stand except a straight competence and / or an official licensing is proved

Alphabetical:

Alphabetical

- Construction supervision by engineer's offices
- Construction care by engineer's offices
- Construction plan by engineer's offices
- Structural engineer's office

- Site management by engineer's offices
- Building design office, engineer's offices
- Building project management by engineer's offices
- Construction competent office, engineer's office
- Construction-ecological consultation
- Consultation, construction-ecologically
- Fire prevention consultation
- Office for automation
- Energy consultation
- Draught of industrial arrangements
- Draught of machines
- Investigation of ground water occurrences
- Exploratron of gas fields
- Exploratron of oil beds
- Field measurements
- Field measurement office
- Geodetic investigations
- Geologic institution
- Geologic investigations
- Geometry office
- Geophysical investigations
- Consultant's operations for activities of engineer's offices
- Hydrologic investigations
- Industrial arrangements, planning
- Engineer's office
- Engineer's consultant's office
- Engineer's models
- Cartography
- Design engineering department
- Consultant's office for technical questions
- Land surveying

- Machines, draught
- Mechanical engineering, draught
- Investigation office
- Planning master builder, civil engineering
- Planning master builder, civil engineering
- Planning office, engineer's office
- Projecting
- Spatial planning
- Competent activity for activities of engineer's offices
- Competent activity of engineer's offices
- Seismograph broad investigations
- Technical sign studio
- Telemetry
- Investigations, geodetically
- Investigations, geologically
- Investigations, geophysical
- Investigations, hydrologic
- Investigations, seismographic
- Measurement office
- Test drilling
- Water economy projects
- Sign studio, technically
- Sign office
- Civil geometer office
- Civil engineer's office (not: for the structural engineering)
- Civil engineer's office

HTBLA construction - teaching replacement for ISCED 5B - 2012

The formation of the technical College building concludes with a matriculation and diploma examination. This holistic training also replaces the final examination of some professions (structural engineering, draftsman, bricklayers, concrete workers, model builders, carpenters, locksmiths, plumbers, roofers, construction and soil laboratory and HKLS installations, etc.). The part of the matriculation examination from the general items will be stored for about a year before the main event, those from the fields of art after the final semester of graduate work. The Graduate entitles you to attend the universities and polytechnics.

Specification

Use in the planning, design, construction, construction management and construction management, with a high degree of responsibility as an employee or entrepreneur in various branches of the construction industry, civil engineering, construction companies, architectural and civil engineering firms, builders, carpenters and timber construction companies, city and state governments in the Federal service in the building and construction industry and the real estate industry.

- As engineers and designers (eg, for residential, commercial and industrial)
- A specialist in structural dimensions (sound insulation)
- As experts constructional assessments, designs, quality assurance
- As a construction manager and construction manager in the construction industry, on construction sites and in pricing, billing and construction contract
- Energy planning - constructing buildings energetically reasonable, use of ecological materials and assessment of sustainability
- Planning of residential, commercial and industrial buildings
- Engineering subjects such as wood, steel and reinforced concrete construction
- Calculation, construction management and construction management
- Facility management
- Building physical dimensions in the context of the EU building regulations
- Sustainability in construction and application of ecological building materials
- Geographical informatics
- Energy and building technology - intelligent Building
- Design practice with CAD, computer
- Use of practical software

Competency profiles

- Design, design and dimensions of buildings, use and application of materials and manufacturing methods with particular emphasis on building codes, building codes and calculation
- Structural engineering design and construction of buildings of all kinds and their various construction (heavy, light or precast) and structurally correct use of ecological materials
- Manual and computer-assisted in drafting, submission and execution plans
- Implementation of static and structural calculations
- Creation of specifications, rough calculation
- Establishment, coordination and management of construction drafting services for all types of theoretical buildings and dimensioning technical principles
- Planning of the necessary structural details for obtaining permits and official inspection
- Calls for tender, offer collection and allocation, application of the principles of marketing, leadership, negotiation skills, contracting and financing
- Specific written and communication in German and one or two foreign languages

With the positive conclusion already reached the international standard qualification in education ISCED 5B.

ISCED-97 level

- 2.1 Level 0 (Preschool education)
- 2.2 Level 1 (Basic education)
- 2.3 Level 2 (Secondary education I / lower level, intermediate level)
- 2.4 Level 3 (II secondary education / high school)
- 2.5 Level 4 (Post Secondary Education)
- 2.6 Level 5 (Tertiary education, first stage)
- 2.7 Level 6 (Tertiary education, research qualification)

ISCED-97 level in 2012

ISCED levels, systematic classification

Level 0 (preschool education)

Level 0 includes preschool education (pre-primary education). This includes childjard and preschool. It comprises the ages of 3/5 to 5/7 years.

Level 1 (basic education)

Basic education (primary education / first step of basic education) begins with the start of the classroom or school attendance and on a class teacher system is based (a single teacher teaches the class in most objects, usually in all subjects except religion and works). This includes die primary school (Austria) or primary school (Germany) or primary school (Switzerland).

Level 2 (secondary education I / lower level, intermediate level)

Lower secondary education level (secondary education first stage / second step of basic education): Basic Training with a subject teacher system (a separate teacher for each subject). The term equivalent to the term secondary education, and is the excess of the pre-and primary school education, which goes to the end of compulsory education, usually the 7.-9. School year, ages ranging from 10/12 to 14/16. German systems in the secondary stage is called, in Austria also lower secondary education level (primary school, new middle school and lower level AHS).

Level 3 (secondary education II / Advanced)

The upper secondary education (upper secondary education or second stage secondary education) provides general or vocational education. A degree means permission to work in a specific career field (Level 3B program designed to direct access to ISCED 5B) and / or to attend a university (Level 3A program designed to direct access to ISCED 5A). There are no more isolated programs (Level 3C programmes not designed to lead to ISCED 5A or 5B). The age ranges from 15/16 to 18/20. German systems in secondary education and the training of dual vocational training is mapped to ISCED level 3, in Austria it is also called secondary Colleges.

Level 4 (Post Secondary Education)

Level 4 is the Post-secondary education (post-secondary non-tertiary education). Upon completion of secondary education, although not attributable to the tertiary level 4A-level programs that provide access to 5A, as night schools, colleges, vocational high schools (1/2-jährig), combinations of a general education program (ISCED 3A) and a vocational program (ISCED 3B), as occupation / technical high schools, Level 4B programs that allow access to 5B, may be combinations of two vocational programs to ISCED 3B. Again, there are no more special shapes (Level 4C).

Level 5 (tertiary education, first stage)

The first stage of tertiary education (first stage of tertiary education, not leading directly to an advanced research qualification) takes at least 2 years and requires a degree in secondary education. Level 5B covers practical programs (labor market relevant qualification) at colleges, vocational schools, and the like; 5A level (university level / advanced research programs and professions with high skills requirements) comprises the rest of higher education below the doctoral level.

Level 6 (tertiary education, research qualification)

Tertiary education with research qualification (second stage of tertiary education, leading directly to an advanced research qualification) having the highest high school education forms, so the PhD and Habilitation.

ISCED-97 level in 2012