

Zertifizierungsschema P59

# Innovation Risk Managerin/Manager (IRM)

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## 1 Scope

This certification scheme defines the procedure for certification of the competence of persons in the field of Innovation Risk Management by Austrian Standards plus Certification (AS+C), business unit Certification of Austrian Standards plus GmbH.

Certification is carried out in accordance with the International Standard ISO/IEC 17024 .

The subject of the certification is exclusively the competence of natural persons.

The Austrian Standards certification body is an independent division within Austrian Standards plus GmbH. Austrian Standards plus GmbH is a 100% subsidiary of the Austrian Standards Institute.

## 2 Competence requirements

### 2.1 Competence profile

Persons certified according to this certification scheme are competent to analyse and rate opportunities and risks in digital business innovation. Persons certified are capable to monitor, support, and to give advice regarding risks in innovation processes. They are competent to analyse emerging business models by knowing how to create value and how to design organisational cultures, structures, and agile processes for innovation and risk control.

### 2.2 Knowledge and skills requirements

Persons certified in accordance this scheme shall have the following knowledge and skills:

#### 2.2.1 Risk management fundamentals

Persons certified shall have knowledge in the fields of:

- Risk Management levels (i.e. corporate, strategic, project), process & systems, risk categorization,
- risk identification techniques, e.g. brainstorming, PESTEL (politic, economic, social, technical, environmental, legal impacts-) analysis, SWOT (strengths, weaknesses, opportunities, threats) analysis,
- risk assessment/classification (i.e. scaling, scoring of likelihood vs impact/severance, tools),
- risk control, risk mitigation and risk treatment methods.

Persons certified shall be able to:

- outline the basic principles of Risk Management based on regulatory frameworks, especially ISO 31000 (framework, processes & principles, methods),
- describe the interactions and dependencies of corporate business and corporate organisation.

#### 2.2.2 Innovation and human factor risks

Persons certified shall be able to

- discuss the relation between culture and responsibility in an organisation
- describe roles and activities in Risk Management
- explain human factor as threat and opportunity.

### 2.2.3 Risk Management in innovation

Persons certified shall be able to:

- identify innovation types (technology, product, service, management model, business model),
- describe the degrees of innovation (incremental/sustaining, efficiency, radical/disruptive),
- describe innovation (i.e. technical-, external-, financial-) risks, and the VUCA (volatility, uncertainty, complexity, ambiguity) concept,
- sketch innovation frameworks, e.g. blue ocean strategy, frugal innovation, lean start-ups,
- compare traditional vs agile vs lean innovation management,
- illustrate innovation leadership skills and tools, e.g. vanity vs actionable metrics, ambidexterity, effectuation and strategic foresight using scenario planning and value scenarios,
- combine business modelling and innovation as well as change management and innovation.

## 3 Requirements for admission to the examination

In order to qualify for participation in the exam one of the following options shall be met by the candidate:

- accomplishment of a course focussing the topics of innovation Risk Management of at least 40 presence hours based on the content of section 2.
- proof of professional experience in the field of innovation and Risk Management for at least three years.

## 4 Exam

### 4.1 Theory exam

The multiple-choice exam (single response) will consist of 30 questions relating to the three subject areas as described in section 2.2 (10 questions per section). Every question will be assessed with a maximum of 1 pt. (0 pts. wrong answer, 1 pt. correct answer).

The maximum duration of this part of the examination shall be 45 minutes.

### 4.2 Oral exam

The oral exam will consist of a presentation of a corporate (digital) innovation initiative (maximum duration: 20 minutes) including a Question and Answer (Q&A) session (maximum duration: 10 minutes).

The maximum duration of this part of the examination shall be 30 minutes.

## 5 Evaluation criteria

For the overall positive assessment and thus for the proof of competence on the above-mentioned contents the following criteria shall be fulfilled.

### 5.1 Theory exam

The requirement for passing this part of the examination is minimum quorum of 60% of the maximum number of points possible (which equals 18 points out of a maximum of 30 points).

Hereby, a minimum quorum of 50% of the maximum number of points possible (which equals 5 of a maximum number of 10 points) per section shall be reached.

## **5.2 Oral exam**

The requirement for passing this part of the examination is minimum quorum of 60% of the maximum number of points possible (which equals 42 points of a maximum of 70 points).

## **5.3 Overall result and repetition of the exam**

Requirement for passing the exam is to have reached at least 60% of the maximum number of points possible (which equals 60 of a maximum number of 100 points).

If a single section is assessed as negative, the appropriate section can be repeated.

If both sections are assessed as negative, the examination shall be repeated in its entirety.

## **6 Issue of certificates**

For the issue of certificates, the provisions of the terms and conditions of the certification body of Austrian Standards plus shall apply.

The certificates are valid for a period of 3 years.

## **7 Recertification**

### **7.1 Criteria**

For certificate renewal following criteria shall be met:

7.1.1 Evidence of at least 32 hours of continuous professional development shall be provided.

7.1.2 Evidence of ongoing professional activity in the field of MT post-editing shall be provided.

### **7.2 Issue of certificates**

For renewal of the certification for another period of 3 years, fulfilment of criteria as described in sections 7.1.1 and 7.1.2 is required.

### **7.3 Deadlines**

Recertification shall be completed before expiry of the certificate. Hereby, the following conditions shall apply:

7.3.1 Renewal of the certificate shall latest be accomplished 6 months after expiry.

7.3.2 The date of renewal and expiration is determined by the date of initial issue.