



## COURSE DATASHEET

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|--------------------------------|----------------------------------|
| <b>Semester:</b>               | 2013/14/1                        |
| <b>Course:</b>                 | Corrosion quality assurance      |
| <b>Code:</b>                   | VEMKFKT111M                      |
| <b>Responsible department:</b> | Department of Physical Chemistry |
| <b>Department code:</b>        | MKFK                             |
| <b>Responsible instructor:</b> | dr. Mónika Valiskó               |

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### Course objectives:

Application of quality assurance systems in corrosion protection and prevention

### Course content:

1. Basic terms and concepts
2. Legislative and other requirements
  - 2.1. External regulatory documents
    - 2.1.1. Laws / decrees
    - 2.1.2. Standards
    - 2.1.3. Product descriptions and instructions for use
    - 2.1.4. Safety data sheets
    - 2.1.5. Customer requirements, provisions
  - 2.2. Internal regulatory documents
    - 2.2.1. Contracts
    - 2.2.2. Orders-regulations
    - 2.2.3. Descriptions of procedures / Work orders
    - 2.2.4. Instruction manuals
    - 2.2.5. Job descriptions
    - 2.2.6. Maintenance of machinery, equipment
3. Documents and notes
  - 3.1. Basic terms and concepts
  - 3.2. Forms
  - 3.3. Control and sampling plan for surface protection works
  - 3.4. Accompanying documents to painting material
4. Tracking documents and the application thereof
  - 4.1. Manufacturing control sheet / Procedural control sheet
  - 4.2. Protocol for establishment of reference surface
  - 4.3. Certificate of manufacture
  - 4.4. Construction Log and its annexes

### Requirements, evaluation and grading:

After a half an hour's preparation the examinee gives an oral presentation on the examination topic



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### Requirements, evaluation and grading:

for about 20-25 minutes.

Fail (1) when the examinee is unable to prove either the definition of the basic notions or a short scheme of the items related to the topic.

Pass (2) when the examinee is able to interpret the basic notions of the topic.

Satisfactory (3) when the examinee is well - versed in the basic notions of the topic and is able to present the logical sequence of the topic - with the help of the examiner.

Good (4) when the examinee provides a logical, well - structured presentation with all the important facts and connections of the topic (exam question) outlined, but he does not know or knows only in part the required reading material related to the topic.

Very good (5) when the examinee gives a logically structured, independent oral presentation also perfect as to its details that completely reveals the connections of the concepts within the topic.

### Required and recommended readings:

MSZ EN ISO 9001:2009  
MSZ EN ISO 14001:2005  
MSZ 28001:2008