

## 1. TITLE OF THE CERTIFICATE <sup>(1)</sup>

**Külmamehaanik, EKR tase 3**

<sup>(1)</sup> in the original language

## 2. TRANSLATED TITLE OF THE CERTIFICATE <sup>(1)</sup>

**Refrigeration Mechanic, EstQF level 3**

<sup>(1)</sup> if applicable. This translation has no legal status.

## 3. PROFILE OF SKILLS AND COMPETENCIES

Refrigeration mechanics install and maintain systems containing refrigerants to create artificial climate in trade, transport, residential buildings, industry etc.

The job of a refrigeration mechanic includes fitting, electrical and automation operations.

A refrigeration mechanic of level 3 installs and maintains factory-made systems (containing up to 3 kg of refrigerant) or appropriately labelled hermetically sealed systems (containing up to 6 kg of fluorinated greenhouse gases). He/she visually inspects the leak tightness of cooling systems without opening the cooling circuit and collects the refrigerant irrespective of its quantity.

Usually he/she works as a team member, in some cases independently (e.g. work where he/she has participated as a member of a working team). He/she may need supervision.

Areas of work

1. Installation of refrigeration equipment and systems

- Installing utility lines.
- Connecting and installing refrigerant pipes.
- Installing factory-assembled equipment.

2. Maintenance and operation of refrigeration equipment and systems

- Regulating equipment.
- Servicing equipment.
- Activation, regulation and adjustment.

3. Leakage testing of cooling systems by opening cooling circuit

- Testing cooling circuit.
- Conducting procedures after testing.

4. Leakage testing of cooling systems without opening cooling circuit

- Testing cooling circuit.
- Conducting procedures after testing.

5 Refrigerant collection

- Collecting refrigerant from cooling system.

### <sup>(\*)</sup>Explanatory note

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information available at: <http://europass.cedefop.europa.eu/en/home>

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- Conducting procedures after collection.

#### 4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE <sup>(1)</sup>

Refrigeration and air conditioning equipment mechanic, mechanic of refrigeration equipment on ships

<sup>(1)</sup> If applicable

#### 5. OFFICIAL BASIS OF THE CERTIFICATE

<b>Name and status of the body awarding the certificate</b>	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b>
The occupational certificate that has been issued by the professional council that operates under the activity license issued by a Awarding Body	Sector Skills Council approved by a Regulation of the Government of the Republic
<b>Level of the certificate (national or international)</b>	<b>Grading scale / Pass requirements</b>
Estonian Qualification Framework level European Qualification Framework level	passed/fail
<b>Access to next level of education/training</b>	<b>International agreements</b>
Refrigeration mechanic, EstQF level 4	
<b>Legal basis</b> Occupational Qualifications Act (RT I, 10.12.2010, 12; 01.01.2011)	

#### 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

In order to obtain a occupational certificate, the applicant has to prove all his/her competencies required by the occupational standard and by the procedure for awarding of occupational qualification established by the body awarding the occupational qualification.

**More information** (including a description of the national qualifications system) available at:

[www.kutsekoda.ee](http://www.kutsekoda.ee)