

1. Title of the certificate <sup>(TR)</sup>
<b>Ağ Teknolojileri Elemanı Mesleki Yeterlilik Belgesi</b>
(Seviye 4)
<sup>(1)</sup> In the original language

2. Translated title of the certificate <sup>(EN)</sup>
<b>Network Technologies Personnel VQA Vocational Qualification Certificate</b>
(Level 4)
<sup>(1)</sup> If applicable. This translation has no legal status.

3. Profile of skills and competences		
A typical holder of the certificate is able to:		
UNIT CODE	TYPE	UNITS
12UY0046-4/A1	MANDATORY	<b>Occupational Health and Safety, Environmental Protection and Work Organization</b> <ul style="list-style-type: none"> <li>• Explains OHS measures.</li> <li>• Explains environment protection measures.</li> <li>• Defines quality applications.</li> <li>• Explains how to make work organization.</li> <li>• Defines activities needed to be carried out for professional development.</li> </ul>
12UY0046-4/A2	MANDATORY	<b>Basis of Computer Hardware and Software</b> <ul style="list-style-type: none"> <li>• Explains the operating logic of the computer.</li> <li>• Explains basic computer use.</li> <li>• Describes the basic features of computer components.</li> </ul>
12UY0046-4/A3	MANDATORY	<b>Basis of Network Technologies</b> <ul style="list-style-type: none"> <li>• Explains basic network concepts.</li> <li>• Explains the concept of network protocols and the bases of IP communication.</li> <li>• Explains network cabling technologies.</li> <li>• Explains wireless networking technologies.</li> <li>• Explains the properties of simple active network equipment.</li> <li>• Describes the subnetwork concept and routing processes.</li> <li>• Describes remote connection types and basic features.</li> </ul>
12UY0046-4/A4	MANDATORY	<b>User Relations and Technical Support</b> <ul style="list-style-type: none"> <li>• Explains the communication processes to be performed with the user.</li> <li>• Explains the steps involved in remote technical support activity.</li> <li>• Describe the steps involved in the on-site technical support activity.</li> <li>• Explains how to provide network support for IP based multimedia transport systems.</li> </ul>
12UY0046-4/A5	MANDATORY	<b>Network Design and Installation</b> <ul style="list-style-type: none"> <li>• Explains how to design simple network structures.</li> <li>• Describes preparations needed to be realised for network installation activities.</li> <li>• Describe the removing phases of the old network structure.</li> <li>• Explains how to make the network cabling.</li> <li>• Performs network cable termination and testing.</li> <li>• Explains the installation process of network equipment.</li> </ul>

		<ul style="list-style-type: none"> <li>• Explains how to configure the simple active network equipment.</li> <li>• Describes how to test network setup.</li> </ul>
<b>12UY0046-4/A6</b>	<b>MANDATORY</b>	<b>Network Security, Maintenance and Productivity</b> <ul style="list-style-type: none"> <li>• Describes how to configure network security hardware.</li> <li>• Describes how to secure network by software.</li> <li>• Explains periodic network monitoring activities.</li> <li>• Explains network maintenance and repair activities.</li> <li>• Explains periodic preventive maintenance activities.</li> </ul>
<b>12UY0046-4/A7</b>	<b>MANDATORY</b>	<b>Use of Network Server Operating System</b> <ul style="list-style-type: none"> <li>• Describes the basic features of server operating systems.</li> <li>• Explains how to install the operating system.</li> <li>• Describes how to configure server services.</li> <li>• Describes periodic follow up of server operating systems.</li> </ul>

#### 4. Range of occupations accessible to the holder of the certificate <sup>(1)</sup>

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

#### <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.

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## 5. Official basis of the certificate

<b>Name and status of the body awarding the certificate</b> Network Technologies Personnel (Level 4) Vocational Qualification Certificate, is awarded by Authorised Certification Bodies authorised by Vocational Qualification Authority. The list of Authorised Bodies available at: <a href="http://www.myk.gov.tr/ybk">http://www.myk.gov.tr/ybk</a>	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Vocational Qualification Authority (Mesleki Yeterlilik Kurumu) Ziyabey Caddesi 1420. Sokak No:12 Balgat Çankaya/ANKARA TURKIYE <a href="http://www.myk.gov.tr">www.myk.gov.tr</a>
<b>Level of the certificate (national or international)</b> ISCO 08: 3513 and Level 4- Turkish Qualifications Framework  Detailed information on Turkish Qualifications Framework available at: <a href="http://www.tyc.gov.tr">http://www.tyc.gov.tr</a>	<b>Grading scale / Pass requirements</b> It is required that the candidate must be successful at the fields of A1,A2,A3,A4,A5,A6 and A7 for obtaining Network Technologies Personnel (Level 4) Vocational Qualification Certificate.
<b>Access to next level of education/training</b> It is evaluated that the continuance of persons holding this certificate to their careers on National Qualifications below will be appropriate:  12UY0046-5 - Network Technologies Personnel - Level 5	<b>International agreements</b> -
<b>Legal basis</b> Vocational Qualification Authority Law No. 5544	

## 6. Officially recognised ways of acquiring the certificate

This document is prepared for candidates applying to authorised certification bodies, in the case of meeting the performance criteria after theoretical and applied assessments are made and each required unit for obtaining the qualification is successfully completed.

The performance criteria and assessment rates may be different for each qualification.

### Entry requirements

There is not an entry requirement for this national qualification.

### Information

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### Additional information

It is an equitable, transparent and confidential system including rules and activities regarding the development and application of technical and vocational education standards and qualifications, and accreditation, authorisation, audit, assessment, certification related to them, based on national and international occupational standards.

The levels of VQA Vocational Qualification Certificates in relation to Turkish Qualifications Framework are defined as a result of comparing the learning outcomes of the related national qualification to TQF level descriptors. TQF level descriptors, defining the minimum learning outcomes required for the qualifications levelled according to TQF, are available at <http://www.tyc.gov.tr/st>. Since TQF is referenced to European Qualifications Framework (EQF), eight TQF levels correspond to eight EQF levels. Level 4 qualifications for which this certificate herein is issued are defined as "Employee exercises self-management for the work or study activities that are usually predictable, but are subject to change; supervises the routine work of others, taking some responsibility for the evaluation and improvement of work or study activities."

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

**Vocational Qualifications Authority**

[www.myk.gov.tr](http://www.myk.gov.tr)

[www.tyc.gov.tr](http://www.tyc.gov.tr)

**Europass**

[www.europass.gov.tr](http://www.europass.gov.tr)

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