

1. Title of the certificate (TR)
CNC Programcısı Mesleki Yeterlilik Belgesi (Seviye 5)
(1) In the original language

2. Translated title of the certificate (EN)
CNC Programmer VQA Vocational Qualification Certificate (Level 5)
(1) 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
12UY0082-4/A1	MANDATORY	OHS and Environmental Safety Measures at CNC Works <ul style="list-style-type: none"> • Explains OHS measures. • Explains environment protection measures.
12UY0082-4/A2	MANDATORY	Quality Management System, Making Work Organisation and Professional Development Activities <ul style="list-style-type: none"> • Defines quality applications. • Explains how to make work organization. • Defines activities needed to be carried out for professional development.
12UY0082-5/A3	MANDATORY	Using Computer Aided Design Program <ul style="list-style-type: none"> • Uses the menus and commands of the program. • Makes necessary adjustments on the programme for drawing. • Makes draft drawing. • Makes designs by knowing the deformation on piece during operation process. • Plans the tools for processing the products to be designed. • Defines the size of the piece according to the operating machine. • Prepares the drawings of piece belonging to production process. • Prepares 3D mounting drawings of desinged products. • Creates the folder of products whose design is completed.
12UY0082-5/A4	MANDATORY	Performing CNC Coding, Using Computer-Aided Manufacturing Program <ul style="list-style-type: none"> • Performs coding to be used on the counter. • Writes program according to the hey features and coordinate system of the counter. • Makes cutting and driving calculations. • Determines process steps and coding system and sorts the codes. • Controls the prepared program with simulation. • Uses the software of the counter. • Places the material according to the processing direction and minimum wastage. • Creates tool path by selecting processing order. • Produces G and M codes and makes corrections on codes when necessary.

12UY0082-5/A5	MANDATORY	Selecting Tool and Adjusting the Counter According to the Program <ul style="list-style-type: none"> • Determines the tools, tool chuck and cutting tips to be used for the work piece. • Identifies the features of the tool to the counter. • Determines the reference codes of the piece to be processed and the tools. • Connects the work piece to the counter/ connecting die (fixture). • Makes necessary preparations for writing software according to the defined reference point. • Changes the reset points of the counter.
12UY0082-5/A6	MANDATORY	Using the Workbench to be Programmed <ul style="list-style-type: none"> • Tests the workbench according to the programme. • Makes the parameter adjustments of the counter.

4. Range of occupations accessible to the holder of the certificate ⁽¹⁾

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(¹) If applicable

(¹) 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

Name and status of the body awarding the certificate CNC Programmer (Level 5) Vocational Qualification Certificate, is awarded by Authorised Certification Bodies authorised by Vocational Qualification Authority. The list of Authorised Bodies available at: http://www.myk.gov.tr/ybk	Name and status of the national/regional authority providing accreditation/recognition of the certificate Vocational Qualification Authority (Mesleki Yeterlilik Kurumu) Ziyabey Caddesi 1420. Sokak No:12 Balgat Çankaya/ANKARA TURKIYE www.myk.gov.tr
Level of the certificate (national or international) ISCO 08: 3115 and Level 5- Turkish Qualifications Framework Detailed information on Turkish Qualifications Framework available at: http://www.tyc.gov.tr	Grading scale / Pass requirements It is required that the candidate must be successful at the fields of A1,A2,A3,A4,A5 and A6 for obtaining CNC Programmer (Level 5) Vocational Qualification Certificate.
Access to next level of education/training -	International agreements -
Legal basis 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

12UY0082-5 - 26.09.2012 Rev. No:00

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 5 qualifications for which this certificate herein is issued are defined as "Employee exercises management and supervision of work or study activities where there is unpredictable change; reviews and develops performance of self and others."

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

Vocational Qualifications Authority

www.myk.gov.tr

www.tyc.gov.tr

Europass

www.europass.gov.tr

<https://europass.cedefop.europa.eu/>