

## 1. Title of the certificate <sup>(1)</sup>

Motorlu Araçlar Teknolojisi Alanı  
Otomotiv Elektromekanik Dal

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

## 2. Translated title of the certificate <sup>(1)</sup>

Motor Vehicles Technologies Field  
Automotive Electromechanic Branch

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

## 3. Profile of skills and competences

The holder of this certificate;

- Performs mechanic repair operations on engine.
- Makes maintenance and repair of hydraulic and pneumatic systems on motor vehicles.
- Makes troubleshooting, maintenance, repair and adjustments of automotive electric and electronic systems.
- Performs troubleshooting, maintenance and repair of petrol engine fuel injection and ignition systems on autos.
- Makes maintenance and repair of diesel engine fuel injection system.
- Makes troubleshooting, maintenance, repair and adjustments of power trains.
- Makes troubleshooting, maintenance, repair and adjustments of motion control systems.
- Performs maintenance repair of alternative engines and fuel systems.
- Calculates machine components.
- Makes applications related to basic thermodynamic terms and ideal gas laws.
- Performs basic working drawing applications and draws automotive parts drawings according to working drawing rules.
- Uses technical English on motor vehicles technology.
- Makes troubleshooting, maintenance, repair and adjustments of auto.
- Performs engine rebuilding operations.
- Makes engine test adjustments.

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

Can work as Automotive Electromechanics, Petrol Automotive Mechanics, Diesel Automotive Mechanics, Diesel Pump and Injection Adjustor, Automotive Test Adjuster, Front Alignment Balance and Adjustor, Automotive Electrician, Automotive LPG Fitter, Maintenance and Repairer, Automotive Brake Maintenance and Repairer, Automotive Akku Salesperson and Service Operator, Automotive Tire Salesperson, Service Operator and Repairer, Automotive Radiator Maker and Automotive Exhaust Operator at Motor Vehicles Sector.

<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> Related secondary education institutions realising formal vocational and technical education which is subordinated to Ministry of National Education	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Ministry of National Education												
<b>Level of the certificate (national or international)</b> Level 4 occupation according to EQF. Level 4 occupation according to TQF. It complies with ISCED 3. ISCED-F CODE: 0716	<b>Grading scale / Pass requirements</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;"><u>Score</u></td> <td style="text-align: left;"><u>Grade</u></td> </tr> <tr> <td>85.00-100</td> <td>Excellent</td> </tr> <tr> <td>70.00-84.99</td> <td>Good</td> </tr> <tr> <td>60.00-69.99</td> <td>Average</td> </tr> <tr> <td>50.00-59.99</td> <td>Passing</td> </tr> <tr> <td>0-49,99</td> <td>Fails</td> </tr> </table>	<u>Score</u>	<u>Grade</u>	85.00-100	Excellent	70.00-84.99	Good	60.00-69.99	Average	50.00-59.99	Passing	0-49,99	Fails
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50.00-59.99	Passing												
0-49,99	Fails												
<b>Access to next level of education/training</b> The holder of this diploma can switch to higher education programs in line with the related legislation.	<b>International agreements</b>												
<b>Legal basis</b> National Education Basic Law No. 1739 Vocational Education Law No. 3308 Regulation on Ministry of National Education Secondary Education Institutions													

### 6. Officially recognised ways of acquiring the certificate

1. Having completed the vocational and technical Anatolian High School, Anatolian vocational or Anatolian technical program providing four-year education 2. Successfully having completed the education program related to his/her field on vocational open education high school						
Vocational education takes 3 years after the 9th grade of formal education and the percentage and duration of theoretical and practical education within the program are indicated below. Vocational education is provided both theoretically and practically.						
Description of vocational education and training received	Percentage of total programme (%)			Duration (hours/weeks/months/years)		
	Anatolian Vocational Program	Anatolian Technical Program	Vocational Training Center	Anatolian Vocational Program	Anatolian Technical Program	Vocational Training Center
School-/training centre-based	80	93	-	86	108	-
Workplace-based	20	7	-	22	8	-
<b>Total duration of the education/ training leading to the certificate</b>				108	116	-

**Entry requirements**

1. For formal vocational education, having completed the lower secondary school and not exceeding the age limit according to related legislation
2. For vocational open education highschool, having completed the lower secondary school
3. Achieving year-end success average in line with the related legislation after the 9th grade which is common for Anatolian technical program
4. Passing the exam for secondary education institutions for entering vocational and technical Anatolian High School, Anatolian vocational or Anatolian technical program

**Additional information**

This EUROPASS Certificate Supplement is prepared for graduates of 2018-2020.

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

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

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

**Europass**

<https://www.europass.gov.tr/>

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

**National Reference Point**

<http://urn.meb.gov.tr>