

1. Title of the certificate (TR)
Silindir Operatörü Mesleki Yeterlilik Belgesi (Seviye 3)
(*) In the original language

2. Translated title of the certificate (EN)
Roller Operator VQA Vocational Qualification Certificate (Level 3)
(*) 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
11UY0027-3/A1	MANDATORY	<p>Occupational Health and Safety at the Profession of Roller Operatorship</p> <ul style="list-style-type: none"> • Has knowledge of legal requirements about occupational health and safety. • Has knowledge about occupational health and safety protection and intervention tools. • Has knowledge of basic first aid. • Knows the steps to be followed in case of emergency. • Has knowledge about the steps to be followed in case of emergency. • Has knowledge of fire intervention techniques and how to use fire extinguishers. • Has knowledge about the meanings of warning and signs. • Has knowledge of arrangement and organization of the work place at small scale. • Has knowledge of landscaping and protection measures at basic level. • Has knowledge of precautions to be taken related to traffic safety, takes occupational health and safety precautions, reduces risk factors. • Uses personal protective equipments suitable for the work. • Applies emergency procedures in case of danger. • Provides the cleanliness and order of the work area. • Takes precaution in case of danger.
11UY0027-3/A2	MANDATORY	<p>General Occupational Knowledge and Application Skill at the Profession of Roller Operatorship</p> <ul style="list-style-type: none"> • Has knowledge of receiving information from the authorized person related to the work to be done. • Has knowledge of using aural and flashin warnings when needed. • Has knowledge of receiving information related to the work verbally or written. • Has knowledge of controlling tire pressure according to the material to be compressed with wheel compactor. • Has knowledge of general control and cleaning before starting work. • Has knowledge of discharging water collected at fuel and air systems. • Has knowledge of cleaning the tip or sides of lubricator and pumping grease oil by grease pump at the amounts defined in manual . • Has knowledge of controlling inflation system and air leakage on wheeled ones. • Has knowledge of controlling deformations on the tire (puncture, slash, slit, bullous etc.) and informing the authorised person about deformations. • Has knowledge of controlling vibration insulator of drums, stripper blades and whether there is deformation on drums. • Has knowledge of controlling water injectors (if any). • Has knowledge of controlling mechanic and hydraulic junctions, tightening loosening screws and studs. • Has knowledge of controlling hydraulic unions, tightening leakages if exists and informing the authorised person about faults. • Has knowledge of controlling belts visually, necessity of changing if fracture, breakage, flash, depreciation exist. • Has knowledge of controlling belt tension adjustment manually, adjusting tension according to the manual if necessary. • Has knowledge of controlling depreciation, deformation and leakage at hoses, informing the authorised person if leakage and deformation exist. • Has knowledge of controlling acid level of the accumulator, adding distilled water or having it made when necessary.

- Has knowledge of taking precautions preventing oxidation at battery terminals and preventing short circuit resulting from the conductive contact of battery terminals.
- Has knowledge of ensuring that discharge ports of accumulator are open.
- Has knowledge of controlling whether lighting (headlight, interior lighting, signal, warning, interior beacon lamps) and indication systems function.
- Has knowledge of controlling liquid levels of oil, fuel and cooler if any by indicator or bar according to the manual.
- Has knowledge of controlling junctions of radiator to the machine, cleaning cooling fins by air or water if they are blocked.
- Has knowledge of controlling air filter considering warning light or indicator, cleaning, replacing in compliance with the manual if necessary.
- Has knowledge of controlling safety equipment (brake, safety handle, service and parking brake, reverse gear hooter, parking and beacon lamp).
- Has knowledge of warming up the roller till reaching to operating temperature, controlling whether walking parts operate.
- Has knowledge of repairing simple faults defined in the operator manual, informing major faults and deficiencies to the authorised person.
- Has knowledge of reading maintenance-repair manual and tracking control registries, ensuring periodic maintenance of roller according to the defined working hours done.
- Has knowledge of keeping maintenance and control registries regularly and keeping maintenance card at the cab permanently.
- Has knowledge of starting and stopping engine according to instructions at manual.
- Has knowledge of controlling all indicators of the roller and bringing the roller to the operating temperature in the direction of instructions at manual.
- Has knowledge of determining unusual sounds coming from the machine which can be indication of fault.
- Has knowledge of controlling steering wheel by turning it to the right and left.
- Has knowledge of making brake control according to the type of the roller.
- Has knowledge of controlling reciprocating motion of the machine by commanding hand spike.
- Has knowledge of controlling whether engine speed increases by gunning up.
- Has knowledge of driving machine at vibratory rollers and pressing the vibration button and controlling vibration control system on earth to be compacted.
- Has knowledge of operating and controlling the dampening system by control button.
- Has knowledge of driving the roller by using hand spike as defined in the manual.
- Has knowledge of using the machine at proper speed for having the compaction homogeneous.
- Has knowledge of making speed selection of the machine according to the given values.
- Has knowledge of selecting vibration frequency according to the values given by vibration control system.
- Has knowledge of power transfer from the skided part to nonskid part in case of skidding, if traction control system exists.
- Has knowledge of finishing compaction operation if the results of compaction tests are positive.
- Has knowledge of informing the authorised person about completing compaction operation.
- Has knowledge of controlling whether there are breakage, fracture, leakages of oil, water and fuel, repairing and informing related person when necessary.
- Has knowledge of taking fuel on from stabilized fuel, recording the amount of taken fuel.
- Has knowledge of parking the roller to a flat surface safely at reserved parking area and cleaning.
- Has knowledge of troping up the roller, scotching under chassis in a way disconnecting tires or bandages from the ground.
- Has knowledge of dismantling the accumulator.
- Has knowledge of deaerating the air of the tires at the rate of 20% according to tire pressure, greasing exposed hydraulic roller rods.
- Has knowledge of taking fuel on.
- Has knowledge of greasing the roller with grease oil.
- Has knowledge of locking the roller cab and accumulator circuit breaker.
- Has knowledge of reporting to the authorised person about general situation.
- Has knowledge of starting the roller and applying all of the movements once in a month in case it will wait less than 6 (six) months, applying the things to be done at the situation of long standing which is defined in its manual in case it will wait for long time.
- Has knowledge of using tool and instruments which are on the machine and required to be used by the operator.
- Receives information from the authorized person related to the work to be done.
- Uses aural and flashin warnings when needed.
- Receives information related to the work verbally or written.
- Controls the tire pressure according to the material to be compressed with wheel compactor.
- Performs general control and cleaning before starting work.
- Discharges water collected at fuel and air systems.
- Cleans the tip or sides of lubricator and pumping grease oil by grease pump at the amounts defined in manual.
- Controls inflation system and air leakage on wheeled ones.
- Controls deformations on the tire (puncture, slash, slit, bullous etc.) and informs the authorised person about deformations.

		<ul style="list-style-type: none"> • Controls liquid levels of oil, fuel and cooler if any by indicator or bar according to the manual. • Controls the junctions of radiator to the machine, cleans cooling fins by air or water if they are blocked. • Controls air filter considering warning light or indicator, cleans and replaces in compliance with the manual if necessary. • Controls safety equipment (brake, safety handle, service and parking brake, reverse gear hooter, parking and beacon lamp). • Warms up the roller till reaching to operating temperature, controls whether walking parts operate. • Repairs simple faults defined in the operator manual, informs major faults and deficiencies to the authorised person. • Reads maintenance-repair manual, tracks maintenance and control registries, ensures implementation of periodical maintenances of the roller. • Keeps maintenance and control registries regularly and keeps maintenance card at the cab permanently and conserves properly. • Starts and stops the engine according to the instructions at manual. • Controls all indicators of the roller and brings the roller to the operating temperature in the direction of instructions at manual. • Determines unusual sounds coming from the machine which can be indication of fault. • Controls steering wheel by turning it to the right and left. • Makes brake control according to the type of the roller. • Finishes compaction operation if the results of compaction tests are positive. • Informs the authorised person about completing compaction operation. • Controls whether there are breakage, fracture, leakages of oil, water and fuel, repairs and informs related person when necessary. • Takes fuel on from stabilized fuel, records the amount of taken fuel. • Parks the roller to a flat surface safely at reserved parking area and cleans. • Trops up the roller, scotches under chassis in a way disconnecting tires or bandages from the ground. • Dismantles the accumulator. • Deaerats the air of the tires at the rate of 20% according to tire pressure, greases exposed hydraulic roller rods. • Fills fuel tank. • Greases parts of the roller to be greased with grease oil. • Locks the roller cab and accumulator circuit breaker. • Reports to the authorised person about general situation. • Solves simple problems which are encountered on his own. • Is sensitive to the environment. • Follows the technological developments at machine technology. • Perceives the instructions of superiors related to the work. • Works systematically under the supervision of superiors. • Works in coordination with the operators of other construction equipments. • Makes organisation during work. • Defines tightening errors and proposes preventive or corrective solutions. • Has skill of conveying information to the inferiors. • Reads the signs left by topographers. • Performs the given work systematically and according to work ethics.
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4. Range of occupations accessible to the holder of the certificate ⁽¹⁾

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⁽¹⁾ If applicable

^(*) 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 Roller Operator (Level 3) 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: 8342 and Level 3- 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 stages of A1 and A2 for obtaining Roller Operator (Level 3) 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

11UY0027-3 / 02.11.2011 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 3 qualifications for which this certificate herein is issued are defined as "Employee takes responsibility for the completion of tasks in work or study; adapts own behaviour to circumstances in solving problems."

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/>