

WORKING ON THE DRAFT ASSESSMENT STANDARD FOR THE OCCUPATION OF “TURNER”



WORKING GROUP

VET EPC IN ZAPORIZHZHIA REGION

**“ZAPORIZHZHIA HIGHER VET SCHOOL
FOR MACHINE BUILDING” SEI**

GOAL:

SETTING UNIFIED REQUIREMENTS FOR
ASSESSMENT AND RECOGNITION OF LEARNING
OUTCOMES IN ORDER TO ASSIGN PROFESSIONAL
QUALIFICATIONS

OBJECTIVES:

- RECOGNITION OF VOCATIONAL TRAINING OUTCOMES (NONFORMAL/INFORMAL);
- ASSESSMENT BASED ON THE OUTCOMES OF COMPLETING FORMAL VOCATIONAL TRAINING/PROFESSIONAL ADVANCEMENT PROGRAMS;
- RECOGNITION OF CERTAIN PROFESSIONAL COMPETENCES (ASSIGNING QUALIFICATION ON THE BASIS OF THE TOTAL OF ATTAINED PARTIAL (INCLUDING ALSO PARTIAL SUPPLEMENTARY) QUALIFICATIONS).

Федерація роботодавців України

Галузева Рада з розробки професійних стандартів і стратегії розвитку

професійних кваліфікацій Федерації металургів України

ЗАТВЕРДЖЕНО

Галузевою радою з розробки професійних стандартів і стратегії розвитку професійних кваліфікацій Федерації металургів України (протокол від№.....)

на підставі рішення Комісії з питань професійних стандартів Федерації роботодавців України про відповідність професійного стандарту встановленим критеріям відповідності від 16.12.2015 № 8

Голова Галузевої Ради _____ **О.В. Колеснікова**

ПРОФЕСІЙНИЙ СТАНДАРТ

ТОКАР

Проект 2
24.05.18



Міністерство освіти і науки України
Міністерство соціальної політики України

ЗАТВЕРДЖЕНО

Наказ Міністерства освіти і науки України
від «» № 111

***Стандарт професійної
(професійно-технічної) освіти***

СП(ПТ)О 8211.С.25.62 -2018

(позначення стандарту)

Професія: **Токар**

Код: **8211**

Повна професійна кваліфікація: **Токар** (базовий рівень)

Професійна кваліфікація (додаткова): **Старший токар**

Професійна кваліфікація (додаткова): **Бригадний (груповий) токар**

Часткова професійна кваліфікація: **Токар** (початковий рівень)

Видання офіційне
Київ-2018

Description of assessment methods
for the profession of “Turner (basic level)”

Table 1

Assessment method	Competences under assessment	Maximum duration of exam	Description (organization of exam)
Module TKR-1 Production (processing) of simple parts on turning machines			
Performing works under conditions close to real production	To perform preparation work to process parts on the turning machine in accordance to technological process. Processing a part, or a small series on a turning machine. To perform control of the processed parts.	2 hrs 30 min	A candidate may use their own technical documentation, such as: a reference book or a summary book. Regular turning processing: Preparing to work (in a workshop for 30 min) Production of a part (in a workshop, duration – 2 hrs)
Module TKR-2 Production (processing) of medium complexity parts on turning machines			
Performing works under conditions close to real production	To perform preparation work to process parts on the turning machine in accordance to technological process. Processing a part, or a small series on a turning machine. To perform control of the processed parts.	2 hrs 30 min	A candidate may use their own technical documentation, such as: a reference book or a summary book. Regular turning processing: Preparing to work (in a workshop for 30 min) Production of a part (in a workshop, duration – 2 hrs)
Module TKR-3 Conducting continuous monitoring for quality of production (processing)			
Performing works under conditions close to real production	To perform preparation work to conduct quality monitoring for production and processing of parts on the turning machine in accordance to technological process. Control over the processing of a part or a small series of parts on the turning machine. To perform control of the processed parts.	2 hrs 30 min	A candidate may use their own technical documentation, such as: a reference book or a summary book. Controls over a regular turning processing: Preparing to work (in a workshop for 30 min) Performing control over the production of parts (in a workshop, duration 1 hrs). Entering control data into the protocol – 1 hrs.

Other assessment methods, if required.

Technical interview	Conducted in a form of tests	1 hrs	1 hrs
Questions over the work results	Stated or “not applied”		Stated or “not applied”
Final interview	Separate for each module	00 hrs 20 min	Including the time needed to discuss with a candidate their work experience. Final interview enables the commission to test: <ul style="list-style-type: none">- Mastery of professional materials- Candidate’s understanding and vision for his future profession- Knowledge and skills of professional culture and perception of the profession
Total duration of exam for a candidate (separate for each module)		03 hrs 50 min	

ASSESSMENT CRITERIA

The assessment covers completion of theoretical and practical tasks.

It is determined in the percentage or according to the criteria “knows”, “does not know”, “is able to do”, “is not able to do”.

Description of assessment methods for the profession of “Turner (basic level)”

Table 2

Professional competences	Assessment methods / demonstration of competence	Assessment criteria
1	2	3
Module TKR-1 Production (processing) of simple parts on turning machines		
To produce (process) simple parts on a turning machine (processing of cylindric, side surfaces, and cylindric openings; processing of conic surfaces and conic openings; processing of profiles surfaces; thread cutting with twist drills, spacers, and screw tips)	Performing works under conditions close to real production	Accepting the work station. Keeping to work safety conditions. Organization of the work station. Keeping to the requirements of work modes (cutting modes, selection of cutting, controlling and measuring tools, according to the technological process). Keeping the timing for the performance of works. Conformity of the tested processed parts to the set terms of references / specifications. Commissioning of the work station.

Assessment criteria of comprehensive (general) competences

Description of assessment criteria of comprehensive (general) competences

Table 3

Comprehensive competences	Professional competences to test comprehensive competences	Assessment criteria
1	2	3
Following legal requirements for health, safety, and environmental protection	<p>To prepare the turning machine in accordance with the drawings for the part.</p> <p>To process a part or a small series on the turning machine.</p>	<p>Applying safe methods and techniques when arranging job conditions for performing the works.</p> <p>Applying personal and collective protection means.</p> <p>Performing tasks under instructions.</p> <p>Applying safe methods and techniques when arranging job conditions for performing the works.</p> <p>Ability to act fast in emergency situations.</p>
Following the operational and maintenance rules, and the rules for safe maintenance of consumer electric appliances.	<p>To prepare the turning machine in accordance with the drawings for the part.</p> <p>To process a part or a small series on the turning machine.</p>	<p>Applying safe methods and techniques when performing technological operations, works at heights, working with electrical appliances.</p> <p>Applying personal and collective protection means.</p> <p>To act properly in emergency situations.</p>
Following the operational and maintenance rules, and the rules for safe maintenance of load lifting cranes.	To perform works for rafting the loads.	<p>Applying safe methods and techniques when rafting the loads.</p> <p>Applying personal and collective protection means.</p> <p>To act properly in emergency situations.</p>

Role of VET in assessment of professional qualifications

Modern vocational education institution or an education practical center of the VET institution can be an **accredited qualification center** for respective professions

THANK YOU

