

## Certification scheme for persons (**TMS 05**) in the field of welding - Welders (reinforcing steel)

ELEMENT	DESCRIPTION
Subject and area of	Certification of persons in the field of welding
certification	Category of persons: Welders (reinforing steel welding)
Reference documents	SRPS EN ISO 17660-1:2009 t. 9.2.1
Description of jobs and tasks	The welder, in accordance with the prescribed welding technology/WPS list, performs fusion welding of metal materials (load-bearing welded joints), whereby metal materials include reinforcing steel and low-carbon steel. The WPS list contains all the necessary data on the type of material, basic and additional, on the welding position, the number of passes, etc.
Criteria for initial certification / recertification (certificate renewal)	Za <u>početnu sertifikaciju</u> prema šemi TMS 05 postoje preduslovi a koji se odnose na obrazovanje, opšte i specifično radno iskustvo. Realizaciji ispita po šemi TMS 05 mogu pristupiti svi podnosioci zahteva koji poseduju odgovarajuću veštinu i sertifikat za formiranje ugaono zavarenih uzorka propisanih standardom SRPS EN ISO 9606-1.
	For <u>initial certification</u> under the TMS 05 scheme, there are prerequisites related to education, general and specific work experience. The TMS 05 exam can be taken by all applicants who possess the appropriate skills and a certificate for the formation of fillet-welded samples prescribed by the SRPS EN ISO 9606-1 standard.
	<ul> <li>The conditions for recertification are as follows:</li> <li>Option according to SRPS EN ISO 17660-1, point 9.3 - recertification is necessary after the expiration of 2 years from the issuance of the certificate;</li> <li>Option according to SRPS EN ISO 17660-1, point 9.3 - After the expiration of 2 years from the issuance of the certificate, the certificate is extended for an additional 2 years with the submitted certificate, and test reports (at least 8 in the last 24 months, of which at least 2 are for the last 6 months).</li> </ul>
	Link to: TMS PR.08, Rules for certification of persons and clause 9.3 SRPS EN ISO 17660-1
Method of certification / assessment method for initial certification and recertification	<u>Certification</u> : Examination and evaluation of the compliance of the demonstrated competence of the candidate on the conducted exam - by checking his work, with the established requirements for competence for a certain qualification, specified in the reference standard.
	Recertification: Evaluation of the candidate's competence based on the results of the evaluation of the submitted documentation.
	Link to: TMS PR.08, Rules for certification of persons and clause 9.3 SRPS EN ISO 17660-1
Provision of conditions for the implementation of the exam	Each candidate shall, independently of STSO, ensure the conditions for the implementation of the exam. All the necessary conditions are given in the document SO QI 02 03, Information on the conditions for the implementation of the exam.



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	The candidate should provide: WPS or pWPS (if not, the
	examiner can provide it).
Criteria / evaluation method	Professional knowledge exam: this part of the exam is not mandatory.
	The result of the professional knowledge test is satisfactory if the candidate answers positively to at least 8 out of a total of 10 questions.
	Practical part of the exam: in accordance with the provisions of the reference standard, through confirmation by examining the test sample in an accredited testing laboratory.
	Link to: TMS PR.08, Rules for certification of persons and point 9.2.1, Table 3 and point 14 SRPS EN ISO 17660-1
Code of behavior of a certified person	The rules of behavior of a certified person are given in the documents: TMS PR.08, Rules for the certification of persons and SO QI 02 01, Instructions for the use of certificates.
Monitoring methods and criteria	Checking or confirming that the certified person submits, every 6 months after the award of the certification, a certificate of performance of the work for which he is certified. This implies the obligation of the welding coordinator to validate the certificate of the certified person every 6 months.  Link to: TMS PR.08, Rules for certification of persons and clause
	9.3 SRPS EN ISO 17660-1
Criteria for suspension and withdrawal of certification	Described in document TMS PR.08, Rules for Certification of Persons.
Criteria for changing subjects and areas or certification levels	In the event of a change in the certification scheme, i.e. the reference standard, certified persons and other interested parties will be appropriately informed about the changes and ways of verifying them.
	Link to: TMS PR.08, Rules for Certification of Persons