



Professional Qualification Certificate (CQP)
SKILLED WORKER STATUS
ROPE ACCESS TECHNICIAN
(LEVEL 2)

TECHNICAL FILE

**REFERENCE DOCUMENT FOR ACTIVITIES AND
SKILLS**

SKILLS EVALUATION METHODS



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PROFESSIONAL QUALIFICATION CERTIFICATE (CQP) ROPE ACCESS TECHNICIAN (SKILLED - LEVEL 2)

Has certification from SFETH (Syndicat français des entreprises de travail en hauteur [French union of work-at-height companies])

Certification applicable to any person performing rope access, permanently or occasionally. All company sizes, from a personal business to the largest companies.

General job description

A CQP2 rope access technician is a skilled worker at sites where work at height is carried out in difficult access locations. The work can only be safely performed using ropes, as determined by a preliminary risk analysis.

This technician works mainly in construction, industry, and public works.

Category of the level 2 CQP qualification

ROPE ACCESS TECHNICIAN - SKILLED LEVEL 2

Worker classification in the National Collective Bargaining Agreement (CCN): CCN Construction Work Position 2 Coefficient 185 / CCN Public Works Level II Position 2 Coefficient 110

Concerned occupation, function, or job

ROPE ACCESS TECHNICIAN

Closest ROME (operational list of French occupations and jobs) sheet: I1501 - Work at considerable height

The CQP rope access technician (level 2) works in at least a pair or is part of a team of certified level 1 and/or 2 rope access technicians. Under the direction of a "Rope Access Coordinator Technician" (CQP TOTC), and within the limits of his (or her) prerogatives, he is independent in his movements and in the execution of his assigned tasks, but also in decision-making related to the technical choices to secure rope access or the work station.

This level of qualification is required for supervising CQP1 rope access workers.

Regulations

French Decree 2004/924 of 1 September 2004 on the use of work equipment provided for temporary work at height (implementation circular 2005-08) / European directive 2001/45/CE of 27th June 2001.

SST (workplace first-aider)

INTERFACE WITH OTHER CERTIFICATIONS

Characteristics specific to the CQP and complementarity with other existing certifications.

- Prerequisites: CQP rope access worker (level 1 skill level below CQP2) and SST (workplace first-aider)
- Partial professional recognition of CATC (another French rope access technician certification)

Comparable foreign certifications:

- There are informal agreements between certain European countries within ECRA (European Committee for Rope Access). This organisation established comparative information for the national certifications in Germany / Norway / Spain / France. There is no formal agreement for the moment, but a comparative chart and matrix have been drawn up. The relevant certifications are: ANETVA level 3; FISAT level 3; Soft level 3.
- Concerning the British IRATA system, the technical content of their level 3 is similar to that of CQP2 (*the prerogatives of IRATA 2 and its technical content is similar to CQP1*).



CPNE CQP2 ID SHEET

C.P.N.E

Commissions Paritaires Nationales de l'Emploi conjointes du Bâtiment
et des Travaux Publics (joint national employment
commissions for construction and public works)

ID sheet

CQP No. 036-2002 09 24

PROFESSIONAL QUALIFICATION CERTIFICATE (CQP) Rope Access Technician (Skilled - Level 2)

CQP number	036-2002 09 24
Expiration date	December 2021
Created by the CPNE on	24 September 2002

Authority responsible for the certification:	CPNE Commissions Paritaires Nationales de l'Emploi conjointes du Bâtiment et des Travaux Publics 33 avenue Kléber 75784 Paris Cedex
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File support:	FNTP – FÉDÉRATION NATIONALE DES TRAVAUX PUBLICS (FRENCH NATIONAL FEDERATION OF PUBLIC WORKS) FFB – FÉDÉRATION FRANÇAISE DU BÂTIMENT (FRENCH CONSTRUCTION FEDERATION)	
Responsible entity:	SFETH – Syndicat Français des Entreprises de Travaux en Hauteur (French union of work-at-height companies)	9 rue de Berri 75008 PARIS Tel: +33 (0)1.44.13.31.44/+33 (0)4 90 79 50 69

Business sector:	CONSTRUCTION AND PUBLIC WORKS
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Job description:	A rope access technician is a skilled worker at sites where work at height is carried out in difficult access locations. The work can only be safely performed using ropes. He or she works mainly in construction, industry, and public works.
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Qualification name:	Rope Access Technician - Level 2
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Worker classification:	Level 3 - Position 1 - CNN (National Collective Bargaining Agreement), construction work Level 3 - Position 1 - CNN, public works <i>Employees whose earlier positioning is greater than the minimums above benefit from a 6-point increase for the coefficient.</i>
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Rope access technician, a profession

A rope access technician is doubly skilled, able to perform a task at height with the support of ropes. This requires technical skills for using ropes to set up an ergonomic work station in a difficult access location, so that the necessary equipment and materials for performing the task can be put in place. This activity is framed by the company's risk analysis.

It is based on a corpus of knowledge and skills acquired through training and/or professional experience, but also on the rules of the profession, which include behavioural and technical best practices.

Service and function are important ideas in the work of a rope access technician, who links a social practice with the mastery of technical skills (professional technique and experience) and can thus earn his or her livelihood from this activity.

Opportunity study

The profession is developing through various sectors, mainly construction, public works, and industry, but also cleaning, events, and shows. Whatever the sector, the skills of rope access technicians are needed where conditions of access are difficult and the work can only be performed using ropes.

The professionalisation of rope access technicians has led to the constant progression of the profession in the sectors mentioned above. In France, jobs are distributed over the entire country, but tend to concentrate in highly urbanised areas, on industrial sites, or in mountainous areas, where the relief makes access difficult.

Training is one of the pillars for acquiring these skills together with rope access techniques, which are constantly evolving and make technology and regulatory watch crucial for companies.

Professional development and the certification.

Organisation and professionalisation of rope access technician training started in 1995, with the goal of creating a professional qualification certification (CQP) for rope access technicians in 1996. Over the past 20 years, the professional branch brought changes to training to include diverse trainee profiles and to foster the possibility of career development. In addition to rope access technicians with caving, climbing, or mountaineering backgrounds, the profession now includes more and more personnel from construction-public works and other sectors, who train in rope access techniques to enhance their initial skills.

Moreover, the profession of rope access technician and work activities in difficult access locations were strengthened by the application of a decree (20040924 of 1 September 2004) transposing the European directive 2001/45/CE of 27th June 2001 and a circular of 27 June 2005. This legislation and the publication of a practical professional guide provided added structure to the profession. Similarly, the regulatory and technical requirements that the profession adheres to are now applied from the training phase with the initiative of the DPMC (French organisation for the development and promotion of rope access technicians) to support rope access training organisations (TO), notably by setting up a "Quality" reference document to accredit TOs registered with CNEFOP (French national council on employment, training, and professional orientation).

Finally, a constant effort is made to maintain balance between supply and demand, so that qualified technicians can find work in companies. This involves basing certification reference documents on the skills company executives expect according to qualification level, based on a professional reference document (Reference Document for Activities and Skills). The latest CQP2 reference document takes into account companies' need to have more personnel qualified for independent rope access and for supervising less experienced rope access workers (level 1). This justified adjusting skill levels between CQP1 and CQP2, the latter qualification held by too few technicians to meet job market and company needs.

The reference certification of the CQP rope access technician (level 2 : skilled worker status in France) is strengthened in the new rope access technician CQP system where the CQP1 holder must increase skills through training and certification, alongside professional experience.

The reference documents have not been completely revised, but rather adjusted in terms of skills and training content:

- Changes in techniques (e.g. personal protective equipment/PPE and simpler evacuation techniques for level 1)
- The jobs held, and the distinct positioning of a CQP1 compared to a CQP2 (main rope access technician qualification)
- Minimum training hours and evaluations



REFERENCE FRAMEWORK FOR ACTIVITIES AND SKILLS

BC1 - Skill Set 1

MAIN ACTIVITIES	ASSOCIATED SKILLS
BC1 _ ROPE ACCESS AND AT-HEIGHT WORK TECHNIQUES	
<p>BC1.A1 / Install and check rope access, progression, and holding systems and integrate work station ergonomics</p>	<p>C1. Check standard knots</p> <p>C2. Make knots with a specific function</p> <p>C3. Make anchors according to defined operating procedures</p> <p>C4. Set up attachments, rig rope on defined anchor points</p> <p>C5. Install ropes and/or fall-from-height personal protective systems from defined anchor points to allow access and installation of the work station</p>
<p>BC1.A2 / Progression at height in complex situations using ropes and/or fall-from-height PPE</p>	<p>C6. Move in all directions using progression techniques while suspended</p> <p>C7. Progression with help of an existing structure using climbing techniques</p> <p>C8. Apply substitute progression techniques in degraded mode</p>
<p>BC1.A3 / Use and check equipment (personal protective equipment/PPE and accessories) appropriate for performing a work task</p>	<p>C9. Choose standard equipment (PPE and accessories) in carrying out the defined work method</p> <p>C10. Choose appropriate PPE equipment, hauling equipment, and accessories for handling loads related to the work task</p> <p>C11. Check progression PPE and fall-from-height PPE</p>
<p>BC1.A4 / Help ensure compliance with the ergonomic principles specific to the worksite and the task to perform</p>	<p>C12. Ergonomically install the access and progression systems and the various work stations</p> <p>C13. Set up the work station to perform a task ergonomically</p>



BC2 - Skill Set 2

MAIN ACTIVITIES	ASSOCIATED SKILLS
BC2. ORGANISATION OF ROPE ACCESS OPERATIONS	
BC2.A1 / Ensure application of the worksite risk prevention measures	<p>C14. Take work station risk prevention measures into account</p> <p>C15. Integrate the required means and measures for performing the work operations; detect any deviations from reality and inform supervisor</p> <p>C16. Continuously check that the work station prevention measures are adequate</p> <p>C17. Set up work station for rapid evacuation</p> <p>C18. Anticipate a work station set-up that will facilitate rescue and victim retrieval</p>
BC2.A2 / Interact with the operational actors at the worksite	<p>C19. Communicate with other actors about the work to perform</p> <p>C20. Identify unpredicted or degraded situations and take appropriate action</p>

BC3 - Skill Set 3

MAIN ACTIVITIES	ASSOCIATED SKILLS
BC3. PARTICIPATION IN EMERGENCY SITUATIONS AND/OR OPERATIONS	
BC3.A1 / Apply a complex rescue method	<p>C21. Decide on the appropriate rescue method</p> <p>C22. Use retrieval techniques in order to rescue a victim in a complex rope situation</p>



SKILLS EVALUATION METHODS

BC1 / ROPE ACCESS AND AT-HEIGHT WORK TECHNIQUES					
SKILLS OR CAPABILITIES EVALUATED	EVALUATION METHODS / Tests				
BC1.A1 Install and check rope access, progression, and holding systems and integrate work station ergonomics	MCQ/open-ended short-answer questionnaire	Application Worksite	Skills Book		
C1. Check standard knots	X	X	X		
C2. Make knots with a specific function		X	X		
C3. Make anchors according to defined operating procedures	X	X	X		
C4. Set up attachments	X	X	X		
C5. Install ropes and/or fall-from-height personal protective systems from defined anchor points to allow access and installation of the work station		X	X		
BC1.A2 Progression at height in complex situations using ropes and/or fall-from-height PPE	MCQ/open-ended short-answer questionnaire	Application Worksite	Skills Book		
C6. Move in all directions using progression techniques while suspended.		X	X		
C7. Progression with help of an existing structure using climbing techniques	X	X	X		
C8. Apply substitute progression techniques in degraded mode	X	X	X		
BC1.A3 Use and check equipment (personal protective equipment/PPE and accessories) appropriate for performing a work task	MCQ/open-ended short-answer questionnaire	Application Worksite	Skills Book		
C9. Choose standard equipment (PPE and accessories) in carrying out the defined work method	X	X	X		
C10. Choose appropriate PPE equipment, hauling equipment, and accessories for handling loads related to the work task	X	X	X		
C11. Check progression PPE and fall-from-height PPE	X	X	X		



BC1 continued / ROPE ACCESS AND AT-HEIGHT WORK TECHNIQUES

SKILLS OR CAPABILITIES EVALUATED	EVALUATION METHODS / Tests				
BC1.A4 Help ensure compliance with the ergonomic principles specific to the worksite and the task to perform	MCQ/open-ended short-answer questionnaire	Application Worksite	Skills Book		
C12. Ergonomically install the access and progression systems and the various work stations	X	X	X		
C13. Set up the work station to perform a task ergonomically	X	X	X		

BC2 / ORGANISATION OF ROPE ACCESS OPERATIONS

SKILLS OR CAPABILITIES EVALUATED	EVALUATION METHODS / Tests				
BC2.A1 Ensure application of the worksite risk prevention measures	MCQ/open-ended short-answer questionnaire		Skills Book	Professional interview	
C14. Take work station risk prevention measures into account	X		X	X	
C15. Integrate the required means and measures for performing the work operations; detect any deviations from reality and inform supervisor			X	X	
C16. Continuously check that the work station prevention measures are adequate	X		X	X	
C17. Set up work station for rapid evacuation	X		X	X	
C18. Anticipate a work station set-up that will facilitate rescue and victim retrieval			X	X	
BC2.A2 Interact with the operational actors at the worksite	MCQ/open-ended short-answer questionnaire		Skills Book	Professional interview	
C19. Communicate with other actors about the work to perform	X		X	X	
C20. Identify unpredicted or degraded situations and take appropriate action	X		X	X	

BC3 / PARTICIPATION IN EMERGENCY SITUATIONS AND/OR OPERATIONS

SKILLS OR CAPABILITIES EVALUATED	EVALUATION METHODS / Tests				
BC3.A1 Apply a complex rescue method	MCQ/open-ended short-answer questionnaire		Skills Book		Rope Access Rescue
C21. Decide on the appropriate rescue method	X		X		X
C22. Use retrieval techniques in order to rescue a victim in a complex rope situation			X		X



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CERTIFICATION REFERENCE FRAMEWORK / SKILLS VALIDATION

CQP Objective / Legend				
Improves upon technique - Transferable skill				T
Applies technique - Level achieved			A	
Partially applies technique - Can do better - Performs technique under supervision		SC		
Degrades technique - Does not know how to perform the technique	D			

SKILLS OR CAPABILITIES EVALUATED	SECONDARY SKILLS	KEY SKILLS
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Example: Help install rope access, progression, and holding systems to contribute to work station ergonomics.

C1. Evaluate standard knots	D	S C	A	T
<div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">For KEY skills, the required level is indicated in blue</div>				
C7. Back up a technician's progression against an existing structure using appropriate equipment and technique	D	S C	A	T
<div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">For SECONDARY skills, the required level is indicated in grey</div>				

SKILLS OR CAPABILITIES EVALUATED	SECONDARY SKILLS	KEY SKILLS
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BC1 / ROPE ACCESS AND AT-HEIGHT WORK TECHNIQUES

BC1.A1 / Install and check rope access, progression, and holding systems to contribute to work station ergonomics

C1. Check standard knots	D	S C	A	T
C2. Make knots with a specific function	D	S C	A	T
C3. Make stationary anchorages according to defined operating procedures	D	S C	A	T
C4. Set up attachments	D	S C	A	T
C5. Install ropes and/or fall-from-height personal protective systems from defined anchor points to allow access and installation of the work station	D	S C	A	T

BC1.A2 / Progression at height in complex situations using ropes and/or fall-from-height PPE

C6. Move in all directions using progression techniques while suspended	D	S C	A	T
C7. Progression against an existing structure using climbing techniques	D	S C	A	T
C8. Apply substitute progression techniques in degraded mode	D	S C	A	T



BC1 continued / ROPE ACCESS AND AT-HEIGHT WORK TECHNIQUES

BC1.A3 / Use and check equipment (personal protective equipment/PPE and accessories) appropriate for performing a work task

C9. Choose standard equipment (PPE and accessories) in carrying out the defined work method	D	S C	A	T
C10. Choose appropriate PPE equipment, hauling equipment, and accessories for handling loads related to the work task	D	S C	A	T
C11. Check progression PPE and fall-from-height PPE	D	S C	A	T

BC1.A4 / Help ensure compliance with the ergonomic principles specific to the worksite and the task to perform

C12. Ergonomically install the access and progression systems and the various work stations	D	S C	A	T
C13. Set up the work station to perform a task ergonomically	D	S C	A	T

BC2 / ORGANISATION OF ROPE ACCESS OPERATIONS

BC2.A1 / Ensure application of the worksite risk prevention measures

C14. Take work station risk prevention measures into account	D	S C	A	T
C15. Integrate the required means and measures for performing the work operations; detect any deviations from reality and inform supervisor	D	S C	A	T
C16. Continuously check that the work station prevention measures are adequate	D	S C	A	T
C17. Set up work station for rapid evacuation	D	S C	A	T
C18. Anticipate a work station set-up that will facilitate rescue and victim retrieval	D	S C	A	T

BC2.A2 / Interact with the operational actors at the worksite

C19. Communicate with other actors about the work to perform	D	S C	A	T
C20. Identify unpredicted or degraded situations and take appropriate action	D	S C	A	T

BC3 / PARTICIPATION IN EMERGENCY SITUATIONS AND/OR OPERATIONS

BC3.A1 / Apply a simple rescue method

C21. Decide on the appropriate rescue method	D	S C	A	T
C22. Use retrieval techniques in order to rescue a victim in a complex rope situation	D	S C	A	T



TYPE OF EVALUATION DEPENDING ON SKILLS, APTITUDES, AND KNOWLEDGE TO BE CHECKED

Every skill set is evaluated based on the test types below, depending on the type of skills to check (see pages 8 to 10, “Skills Evaluation Methods” table).

1. Skills Book for each of the 3 skill sets

This book is given to employees when they submit their CQP 2 candidacy. It identifies the skills the candidate has mastered in real work situations.

By joint signature, a worksite manager and a works supervisor or, in lieu of the latter, a company representative, attest to the skill mastery recorded in the book.

2. MCQ (multiple choice questionnaire) and open-ended short-answer questionnaire for each of the 3 skill sets

In addition to the observable skills in the practical tests, these questions check the candidate’s general and technical knowledge.

3. Professional interview with the jury members - skill set 2

The professional interview conducted by the jury members is based on a pre-established scheme to check and complete the key skills in skill set 2 that the candidate has acquired through professional training and experience.

4. Application worksite - skill set 1

Practical test to certify the candidate’s ability to safely rig complex configurations up to a work station and to perform diverse tasks at this station.

The “Application Worksite” test certifies the candidate’s ability to:

- safely rig and unrig ropes in complex work situations while taking constant accessibility into account to be able to anticipate a rescue;
- ergonomically set up a work site for multiple tasks;
- plan for work phasing at the work station;
- safely haul (or lower) and handle the materials and equipment necessary to perform at-height work;
- supervise CQP rope access workers (level 1) in their performance of subordinate tasks during the operation.

5. Evacuation and rescue - skill set 3

Practical test to certify the candidate’s ability to provide assistance or rescue an incapacitated workmate in a complex worksite configuration (indirect evacuation) and manage evacuation of the work station in case of imminent risk.

For an objective evaluation of the expected skills, rope access professionals and experts have drafted the associated criteria for each skill.

BC1	SKILL SET 1 – ROPE ACCESS AND AT-HEIGHT WORK TECHNIQUES			
	BC1-A1		Install and check rope access, progression, and holding systems and integrate work station ergonomics	Lev 2
	KEY	C1	Check standard knots	Lev 2
			The quality of the knots made in site is checked	Crit1



JURY

The evaluation is performed by a joint jury with equal representation. It is made up of qualified professionals and includes both company and employee representatives.

To conduct the evaluation based on rope access technician CQP tests, the jury members are certified by the DPMC. They are required to have in-depth knowledge of the professional context and the jobs for which the Rope Access Technician (Level 2 - Skilled) CQP is intended. They undergo jury training before completing a programme for work in pairs with a certified examiner.

For the practical tests, they hold French CQP2 or CQP3 certification.

The day of the evaluation, they will have:

- a manual of certification validation procedure for the jury members
- CQP ID sheet and certification reference document
- reference document for activities and skills
- evaluation criteria and supports (skill evaluation tables), MCQ, list of key skills that the examiners for the certification session are required to check

The jury members assess the candidate's skill level using the evaluation table for the required CQP skills and give a favourable or unfavourable opinion as to whether the CPNE should award the CQP.

JURY DELIBERATIONS

Following the tests, the jury meets for concerted deliberations, during which the jury members measure the candidate's knowledge, assess skill level for each test, and correct the MCQ/open-ended short-answer questionnaire.

They make their assessment collectively for each skill set. All faults and comments are discussed by all jury members present, to accurately gauge the seriousness of any faults.

The deliberations are a particularly important exchange to arrive at a decision that will validate or invalidate each of the 3 skill sets. The joint jury members thus have an important responsibility in that they have a degree of power over the candidate's professional future.

PARTIAL VALIDATION

Depending on the skills and knowledge validated, and to enable the candidate to obtain the complete certification in the best conditions, the jury or the DPMC advises him or her on how to go about finalising the CQP2 skill sets yet to be completed.

The candidate maintains the validation of his (or her) skill sets, but for obvious safety reasons he must pass the tests again for the non-validated skill set(s) in the year following his training. During this period, he can retest on the non-validated skill set(s), which requires appearing before another jury.

Beyond one year, for safety reasons and to maintain skills and knowledge, the candidate must present a technical positioning report for the previously validated skill set(s) to the jury. The technical positioning will be prepared by a training company approved by the profession.



PROCEDURE TO FOLLOW

Upon receiving a CQP2 candidature, the certifying organisation (DPMC) sends a complete file to the future candidate and, if applicable, to his or her company, including:

- this “Technical File _ Reference Document for Activities and Skills” for CQP2
- Reference Document for Activities and Skills (RAC)
- the “Implementation Methods” manual for rope access technician CQP 1&2, addressed to the candidate or the company
- CQP2 ID sheet
- CQP2 skill validation book
- interview procedure with the established architecture
- list of approved training companies
- if applicable, a calendar with CQP examination dates by region

