

Examination Regulation

Competency for

Professional in Pneumatics and Hydraulics - Advanced Level with TÜV Rheinland Certified Qualification

1. Admission

All candidates fulfilling the following requirements are granted admission to the examination

- A) Professional experience (see No. 2)
- And
- B) Specific qualification (see No. 3)

2. Professional Experience

- Bachelor of Engineering / Bachelor of Technology in Mechanical, Electrical, Electronics, and Computer Science Engineering or
- Diploma in Mechanical, Electrical, Electronics, and Computer Science Engineering

Or, alternatively

Suitably qualified professionals, who want to upgrade their qualifications, with a minimum of 2 years of experience in Pneumatics and Hydraulics.

3. Specific Qualification

1. The candidate has completed the training Program offered by Fluidsys“Pneumatics and Hydraulics - Advanced Level” which has been recognized by the TÜV Rheinland Personnel Certification Body for its content, duration and structure. If deviations in the defined curriculum occur, the Personnel Certification Body has to be informed immediately.
2. The candidate must have been in attendance for 80% of the teaching units. The training organization provides an attendance list in order to quantify possible periods of absence.

Alternative proof of training and or attendance may be recognized by TÜV Rheinland Personnel Certification Body.

4. Examination Procedure

Proof of knowledge, skills and capabilities in the examination, consists of a 60 minutes written examination, practical examination 120 minutes and 30 minutes oral examination.

The examination is monitored by the examiner nominated by TÜV Rheinland (India) Private Limited (Personnel Certification Body) and evaluated according to the examination criteria defined by the certification body.

5. Examination

Written Examination

The written examination is generated from the TÜV Rheinland (India) Private Limited (Personnel Certification Body) question pool. It comprises 50 objective type questions for 60 minutes to complete the written examination.

Practical Examination

The practical examination is generated from the TÜV Rheinland (India) Private Limited (Personnel Certification Body) question pool. It comprises 2 questions for 120 minutes to complete the practical examination.

Oral Examination

Oral questions are generated from the TÜV Rheinland (India) Private Limited (Personnel Certification Body) question pool. It comprises 5 questions for 30 minutes to complete the oral examination.

6. Examination Evaluation

1. The examination is evaluated as passed or failed.
2. In cases of numerous examination modules, each examination module is evaluated individually.
3. The answer to a multiple choice question is regarded as correct, if all correct answer alternatives have been recognized. One point is given for the "correct" answer to a question. Partial points for partially correct answers are not granted.
4. The evaluation of open questions with possible points is carried out by the examiner using the answer key authorized by the certification body.
5. The evaluation of the oral / practical examination is carried out according to the answer key authorized by the certification body.
6. The project is evaluated according to the evaluation system authorized by the certification body.

7. Passing / Failing the Examination

The examination is regarded as passed, when the candidate has achieved a minimum of 67% in each of the written, practical & oral exams of the maximal number of points.

8. Retake of Examination

In cases of examination failure one retake examination may be taken at the next possible opportunity on application by the candidate. However this may only be one month after publication of results at the earliest. Only those examination modules where a minimum of 67% was not achieved have to be repeated.

9. Examination Regulations

1. A candidate may withdraw from the examination before the examination questions have been distributed. In this case the examination does not count as attempted. Should a candidate interrupt the examination after distribution of the questions, this examination counts as attempted and is evaluated.
2. Deception of all types is not allowed.
3. Only the examination documentation provided by TÜV Rheinland (India) Private Limited (Personnel Certification Body) is to be used.
4. Resources are not allowed during the examination / calculator / training documentation / legal texts etc.
5. All resources used during completion of the project / assignment have to be approved. Should resources used during the completion of the project / assignment not be approved, the project / assignment will be evaluated as failed.
6. Examination performance attained through non-observance of these examination regulations will not be evaluated as passed. In extreme cases, in cases of willful deceit in particular, candidates have no right to a repeat examination.

10. Appeals

Appeals and complaints are to be directed to the manager of TÜV Rheinland (India) Private Limited (Personnel Certification Body) at the latest 14 days after publication of results. The complaint / appeal shall be treated according to the procedural instructions regarding complaints/appeals of TÜV Rheinland (India) Private Limited (Personnel Certification Body).

11. Certification

TÜV Rheinland (India) Private Limited (Personnel Certification Body) verifies the fulfillment of the defined requirements (admission requirements and criteria for passing the exam) with the proven admission requirements and examination performance of the candidate. As a result of this verification a certificate is produced, that certifies that the candidate has successfully achieved the qualification:

**“Professional in Pneumatics and Hydraulics - Advanced Level with
TUV Rheinland Certified Qualification”**

Certificate holders are registered by the certification body for purposes of verification. On the basis of this data PersCert TÜV confirms their qualification to third parties.

The certificate has 3 years validity

12. Recertification

An renewal of the certificate of a further 3 years is possible at the end of the period of validity of the existing certificate. The extension is made on written application only. The application may be made 3 months before expiration of the existing certificate at the earliest. The renewal must be completed at the latest 3 months after expiration.

Successful participation in relevant refresher training of the Professional in pneumatics and Hydraulics by Fluidsys

Continuous work-experience in the certified field

13. Rights of Use of Brand

1. TÜV Rheinland grants the certified candidate the right to mention their recognized qualification in the form of “ Professional In Pneumatics and Hydraulics - Advanced Level with TÜV Rheinland Certified Qualification.
2. Candidates, those have successfully been certified as “ Professional in Pneumatics and Hydraulics Advanced Level with TÜV Rheinland certified Qualification, are additionally granted the possibility of buying the Test Mark Signet with personal ID for advertising purposes (after recognition of terms and conditions of use).
3. The rights of use do not include the use of other logos, brands and other intellectual property rights of PersCert TÜV or affiliated companies according to §§ 15 ff of the German Stock Corporations Act (AktG), in particular not the use of the word or picture brand TÜV Rheinland.

14. Monitoring

The correct use of the certificate granted is monitored by TÜV Rheinland in so far as regarded reasonably possible. All information regarding misuse, e.g. from third parties is followed up. Certificate holders must inform TÜV Rheinland if they become aware of misuse of their certificate by third parties.

The certification document may not be used incorrectly or in a misleading manner. In particular the impression that the certificate holder is an employee of TÜV Rheinland or that their services have been subcontracted by TÜV Rheinland may not be given.

PersCert TÜV reserves the right to take legal action in cases of infringement of these terms and conditions that are brought to light.

15. Changes in the Certification System

TÜV Rheinland reserves the right to change the certification system. Changes are published (e.g. on the internet)

**Assessment Sheet for Practical & Oral Examination
 Professional in Pneumatics & Hydraulics – Advanced Level with TUV Rheinland Certified
 Qualification**

Student Name:

Date:

Section : Pneumatics & Hydraulics

Venue:

		Max Marks	Actual Marks	Remarks
A(1)	Development of Pneumatic circuit/Program (Question 1)	40		
A(2)	Preparation of BOM/Specifications	10		
A(3)	Identification & selection of components	10		
A(4)	Rigging up of circuit as per the requirement	10		
A(5)	Setting up of parameters	10		
A(6)	Testing the circuit & result	20		
B(1)	Development of Hydraulic circuit/Program (Question 2)	40		
B(2)	Preparation of BOM/Specifications	10		
B(3)	Identification & selection of components	10		
B(4)	Rigging up of circuit as per the requirement	10		
B(5)	Setting up of parameters	10		
B(6)	Testing the circuit & result	20		
C	Over all Skill	20		
D	Observance of safe precautions	10		
E	Time Management	10		
F	Behavior	10		
F	Oral/Viva	50		
	Total	300		

✓	Max	Min	Actual
Marks	300	67%	
Pass			
failed			

Evaluator Signature