

This form must be completed by the Candidate and the employer together and returned to the National Fluid power Association (CETOP M.A.).

Personal Details (To be completed by the Candidate - BLOCK CAPITALS)

Full Name

Position

Employer's Name

Employer's Address

Contact Address (Home)

Tel No

Date of Birth (Civil reg no)

E-mail

EMPLOYER WORK EXPERIENCE: Verification Entry

This form must be completed by the Employer of the candidate and returned to the CETOP M. A. by the candidate.

Employer Programme/Scheme

Personal Details (To be completed by the Employer representative - BLOCK CAPITALS)

Verification Date

Name of Organization

Full Address

Contact Name

Position

Tel No

Fax No

E-mail

Web

Signature

Date

Practical task assessments to verify competency about:

- INSTALLATION
- COMMISSIONING
- PERFORMANCE TESTING
- PROACTIVE MAINTENANCE AND MACHINE MANAGEMENT
- SERVICING
- COMPONENT REMOVAL AND REPLACEMENT

***Verified by employer, system related,
work based experience to CETOP Level 3 Pneumatics***

Instruction:

Describe what type of work the candidates have been done within:

- ***INSTALLATION***

Describe the candidate's experience in reading pneumatic diagrams to be able to correct install a hydraulic system, including associated electronic diagrams and mechanical drawings.

Describe the candidate's experience of assembly based on cleanliness, security and quality.

- **COMMISSIONING AND PERFORMANCE TESTING**

Describe the candidate's experience of commissioning in respect by person, component, system security and cleanliness.

Describe the candidate's experience of system functional testing

- ***PROACTIVE MAINTENANCE AND MACHINE MANAGEMENT***

Describe the candidate's candidates experience in practical work

- ***SERVICE INC. COMPONENT REMOVAL AND REPLACEMENT***

Describe the candidate's experience of fault finding and repair (dis-assembly and assembly of existing system)

Verification of the candidate's practical experience

1: Control and adjustment:	If experienced, tick
Flow	
Speed on certain movements	
Pressure	
Accumulator pressure/site pressure awareness	
Air cleanliness according to ISO classification system	
Sensors and switches for air system	
2: Fault finding in systems:	
From diagram and symptom	
With test equipment	
Without test equipment. (look (visual), listen (auditory))	
By phone/email/conversational description	
3: Understand security and environmental issues at dis-assembly of complete or part of pneumatic systems and machines:	
Read and understand maintenance and security instructions	
What means by Lockout and Tag out instructions	
Secure movements with piston rod locking, 5/3 valves, shot bolts	
Check and safely dis-charge trapped pressure within pipes	
Without maintenance and safety instructions, from diagram and machine structure, analyze actions to be done to be able to work safe	
Cleanliness at dis-assembly of system.	
Understand the importance of managing waste fluids and condensate in a safe manner due to environmental issues	
Understand the importance of using relevant personal protection	
4: Maintain and repair pneumatic systems:	
Maintaining systems:	
Exchange seals within cylinders/valves	
Check mounting surfaces	
Fittings and connectors	
Valves	
Drains within Filter assemblies	
Bowl cleaning of air preparation equipment	
Vacuum components	
Exchange components:	
Filter Elements	
Cylinders	
Valves	

4: Maintain and repair pneumatic systems:

Exchange components:

Proximity sensors (reed switches)

Hoses/Tubing

Vacuum components (cups, filters, generators)

Other components

Repair of components, dis-assemble, analyze status, exchange wear parts and re-mount:

Air filters, regulators, lubricators

Cylinders

Valves

Vacuum systems

Sensors

5: Start-up of pneumatic systems after maintenance work I exchange of component:

Adjust pressure and flow

Leakage control

Control of cleanliness level according to ISO code system

Cleaning of workplace

Documentation

Cleaning of workplace

Documentation

For approved practical experience to CETOP level 3 Pneumatics shall the candidate have practical experience of at least 50% of above listed.

Comments about the candidate's experiences.