

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 Hydraulics***

Instruction:

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

- ***INSTALLATION***

**Describe the candidate's experience in reading hydraulic 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 wor**

- ***SERVICING 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	
Temperature	
Accumulator pressure/pre-charge pressure	
Fluid cleanliness according to ISO classification system	
Sensors and switches for fluid system	
2: Fault finding in systems:	
From diagram and symptom	
With test equipment	
Without test equipment; feel, smell, listen	
By phone description	
3: Understand security and environmental issues at dis-assembly of complete or part of fluid systems and machines:	
Read and understand maintenance and security instructions	
What means by Lockout and Tag out instructions	
Secure movements with plunge or similar equipment	
Check and dis-charge trapped pressure within pipes	
Dis-charge accumulators	
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 in a safe manner due to environmental issues	
Understand the importance of using relevant personal protection	
4: Maintain and repair hydraulic systems:	
<b>Maintaining systems:</b>	
Exchange sealing's	
Check mounting surfaces	
Couplings	
Flanges	
Valves	
Empty and refill fluid in systems	
Inside cleaning	
Cleaning coolers	
Exchange filter cartridges	
<b>Exchange components:</b>	
Pumps	
Valves	

#### 4: Maintain and repair hydraulic systems:

##### Exchange components:

Fluid motors

Electric motors

Accumulator piston and bladder

Cylinders

Hoses

Other components

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

Pumps

Motors

Valves

Cylinders

Accumulators

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

Flushing

De-aeration

Adjust pressure and flow

Leakage control

Control of cleanliness level according to ISO code system

Cleaning of workplace

Documentation

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

#### Comments about the candidate's experiences.