

## Assessment Grid

<i>Student Name:</i>			
<i>Assessor Name:</i>			
<i>Location of Assessment:</i>			
<i>Date of Assessment:</i>			
<i>Time of Assessment:</i>			
<i>Unit Assessed</i>	<b>European Partnership in Pneumatic Project (EPIPP)</b>		
<u>Level that the student is being assessed on is "under surveillance".</u>			
1	Yes	No	
The student shows an analysis of the work process on paper.			
The student makes an input /output list (on computer).			
The student chooses the right logical combination and/or sequence combination.			
The student prepares the air preparation devices.			
The student uses the main actuators and valves properly.			
The student connects the actuators with the control valves in accordance with the schemes.			
The student connects the electrical components in accordance with the electrical drawing.			
The student adjusts the speed of the cylinders according to their function.			
The student demonstrates a working circuit.			

2	Yes	No
The student uses Fluid-Sim for simulation of simple pneumatic circuits in the correct manner.		
The student explains the electrical drawing with inputs and outputs including safety aspects.		
The student explains the pneumatic drawing with inputs and outputs including safety aspects.		
The student explains the sequence diagram of the circuit.		
The student explains how the plc works with the valves and cylinders.		
3		
The student is able to measure the main pneumatic parameters.		
The student is able to make the diagnosis of the state of pneumatic elements.		
The student is able to correct faults as well as define and apply correction procedures.		
The student is able to choose the size of the cylinders, considering the requirements.		
4		
The student turns off energy while working on the machine.		
The student works following the safety rules in accordance with the workplace.		
5		
The student co-operates with colleagues.		