



WD1 - cable for power supply  
WD2 - cable control box - MPS-PA workstation  
WG3 - cable control box - MPS-PA workstation

SF0 (red) - Emergency Stop  
SF1 (red) - System OFF  
SF2 (green) - System ON  
SF3 (black) - Switch MAN/AUTO  
SF4 (red) - Pump OFF  
SF5 (black) - Pump ON  
SF6 (black) - Valve OPEN  
SF7 (black) - Reset

PF1 (red) - Error  
PF2 (green) - System ON  
PF3 (Yellow) - Manual Mode  
PF4 (green) - Automatic Mode  
PF5 (green) - Pump ON  
PF6 (green) - Valve OPEN

R2 (Poti) - Speed Pump

Switch Nr.1 to Nr.5 - Switch with NO and NC contact for the faults

Test Project for the 44<sup>th</sup> WorldSkills  
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Skill: Industrial Control 19		
Scale: X:Y	Date: 20.04.2016	Paper: A3
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Description: Faultfinding hardware		Rev: 2.0
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