Tikz P&ID circuit extension

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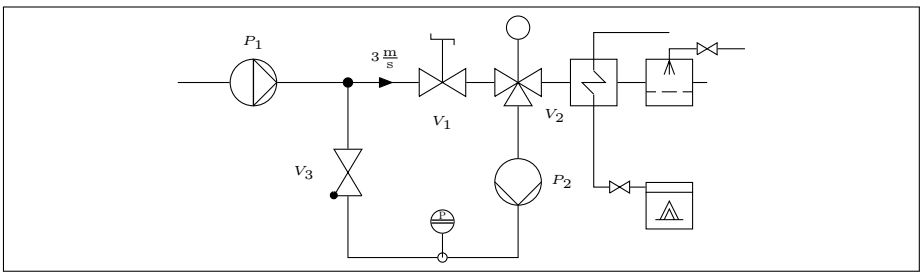
```
\usepackage{tikz}
\usetikzlibrary{circuits}
\usetikzlibrary{circuits.pid.ISO14617}
\usetikzlibrary{positioning,calc}

\begin{tikzpicture}[
  circuit pid ISO14617,
  every info/.style={font=\tiny}]

 \draw (0,0) to [pump={displacement,name=P1,info=$P_1$}](2,0)
 to [branch={name=T1}](2.5,0)
 to [flow direction={speed=3}](3,0)
 to [valve={name=V1,info'=$V_{1}$}](4,0)
 to [three way valve={name=V2,info=belowright:$V_2$}]++(1,0)
 to [tank={name=B1,with={heatingcoil}{0pt}{0pt}}]++(1,0)
 to [tank={name=F1,with={filterelement}{0}{-0.5},with={spraynozzle}{0}{0.8}}]++
    (1,0);
 \draw (V2.south) to [pump={name=P2,info=$P_2$}]++(0,-2)
 to [measurementpoint={name=M1}]++(-2,0)
 to (\currentcoordinate -| T1)
 to [valve={nonreturn,info=$V_3$}](T1);
 \node[measurementdevice=localcontrol room, at=M1,measure=P]{};
 \node[turning actuator, at=V1]{};
 \node[automaticoperation, at=V2]{};
 \node[tank={name=B2,with={steamgenerator}{0}{1},with={firedtype}{0}{-0.25}},
    below=ofF1]{};
 \draw (B1-heatingcoil.south) to (B1-heatingcoil.north |- B2-steamgenerator.input)
 to [valve, circuit symbolunit=3pt] (B2-steamgenerator.input);
 \draw (B1-heatingcoil.north) to ++(0,0.5)
 to ++(1,0);
 \draw (F1-spraynozzle.north) to ++(0,0.15)
 to [valve, circuit symbolunit=3pt] ++(1,0);


\end{tikzpicture}
```



Listing1: P&ID example code