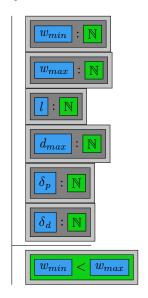
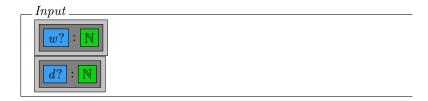


Physical Constants

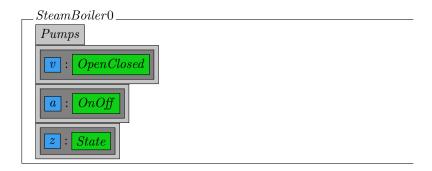


Measured values



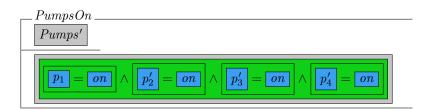
Control values

```
Pumps p_1, p_2, p_3, p_4 : OnOff
```

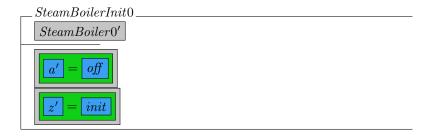


Auxiliary Schemata

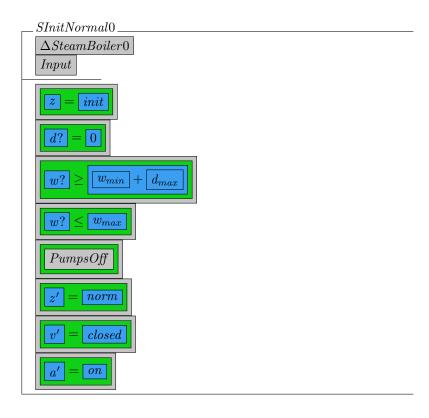




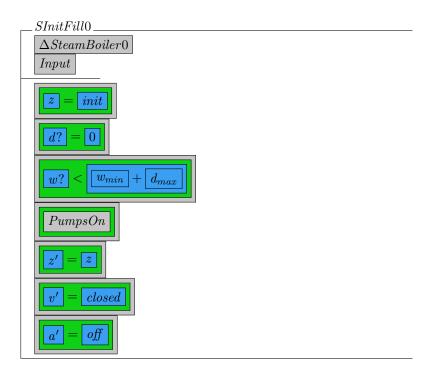
Steam Boiler Initial State

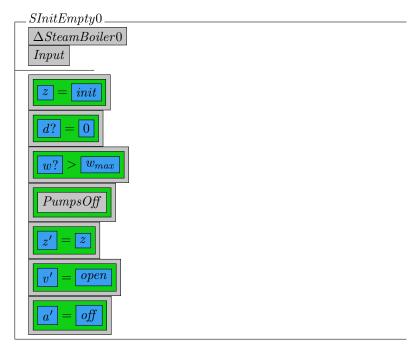


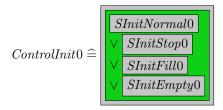
Operations for Initialisation



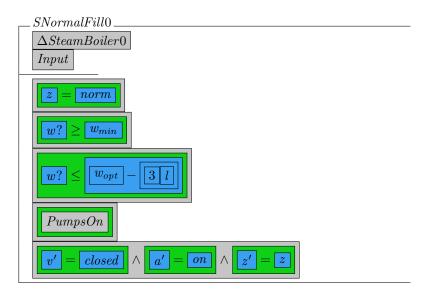




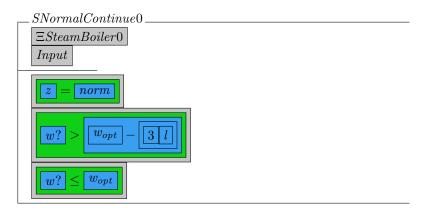


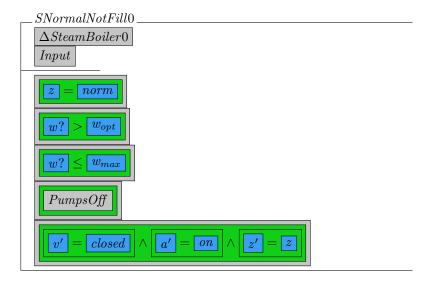


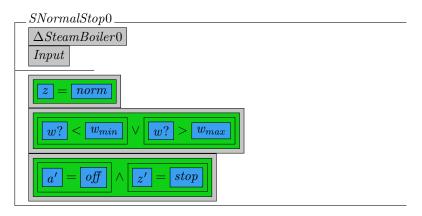
Operations for Normal State

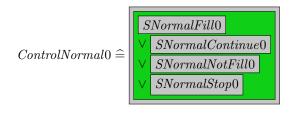


Note: Simplified version where all four pumps are swicthed on simultaneously.



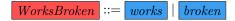




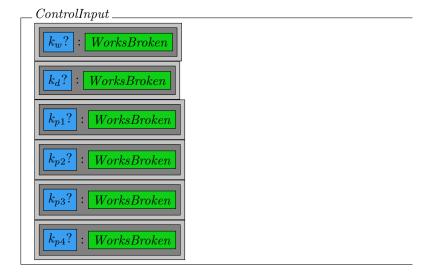




Extended Solution Additional Type



Additional measured values



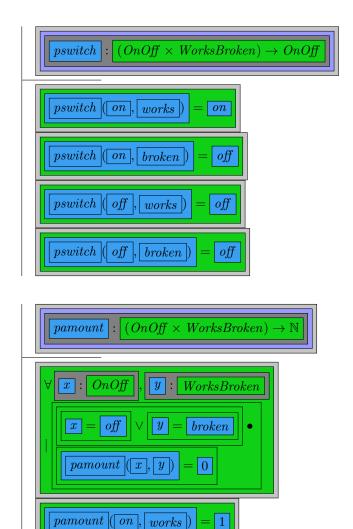
Control values



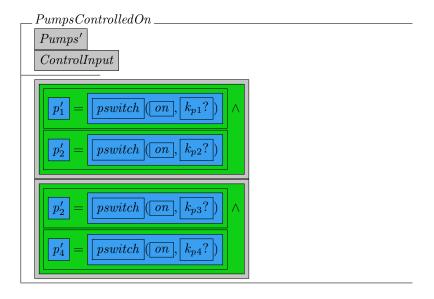
Initial State

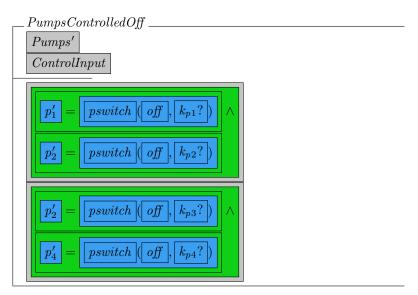


Auxiliary Functions

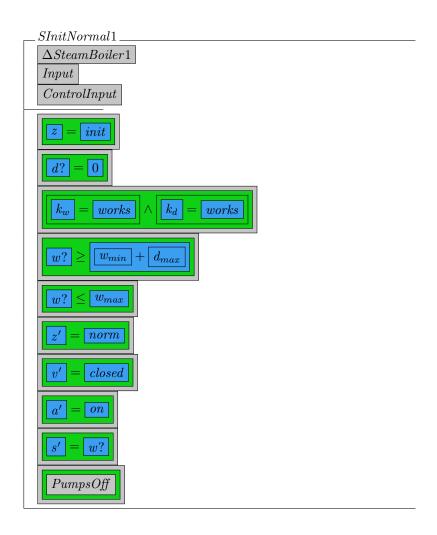


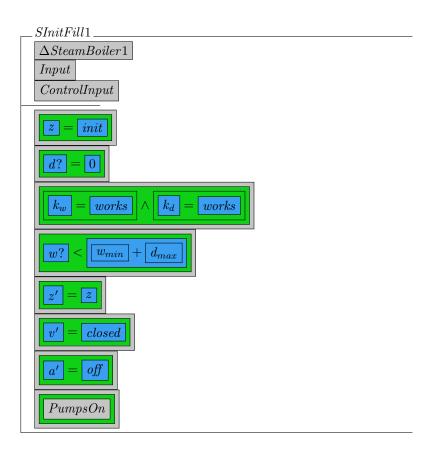
Auxilary Schemata

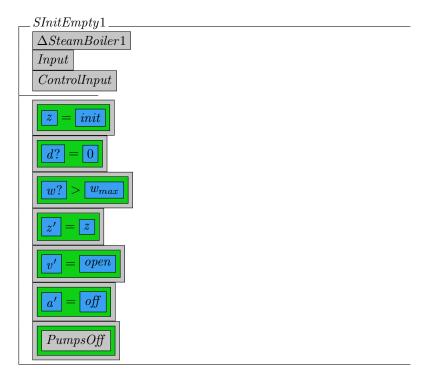


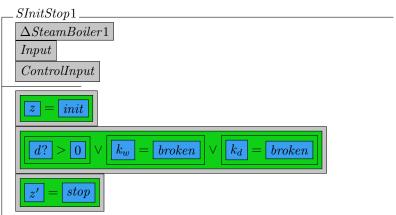


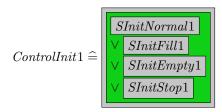
Operations for Initialisation



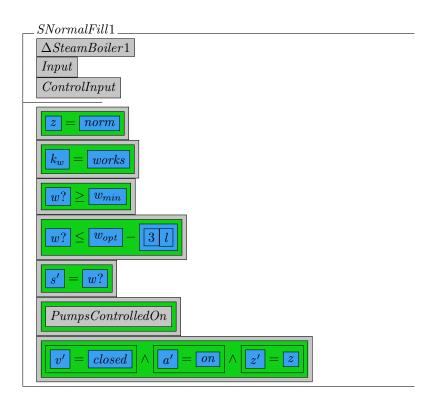


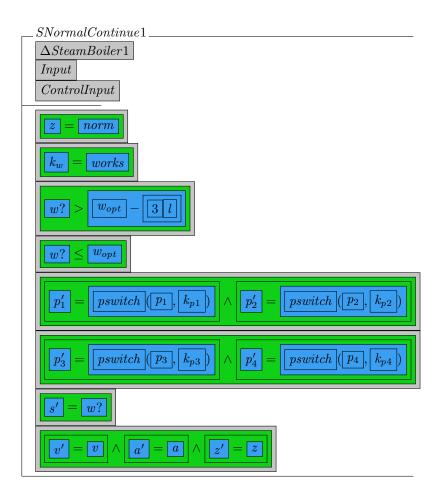


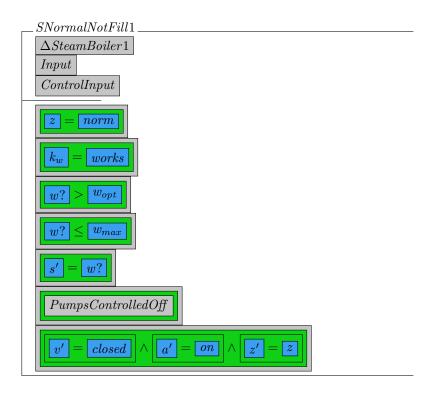


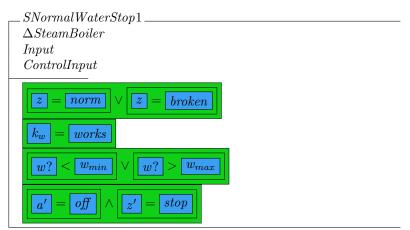


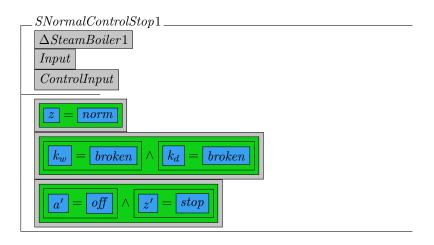
Operations for Normal State

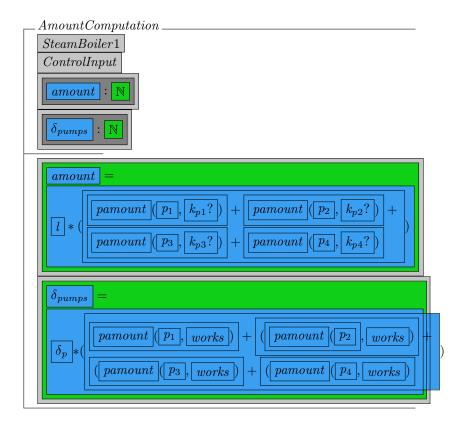


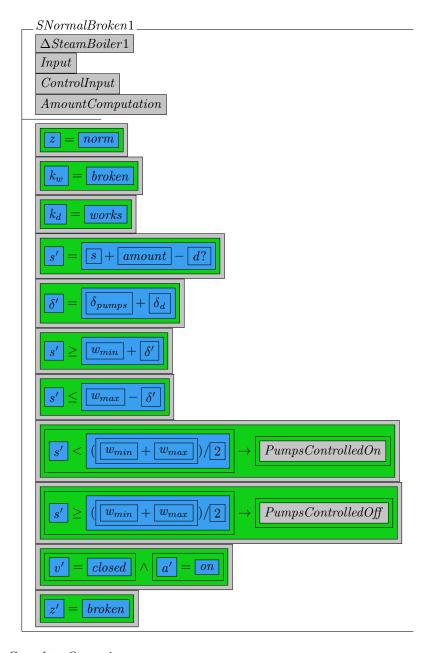




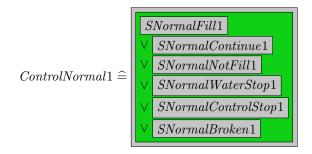








Complete Operation



Operations for Broken State

