

Experimental Control System

Plan:
Catalysis
Experiment

Bluesky Run Engine

Bluesky
Documents

Gas Analysis
Ophyd Device

Gas Dosing
Ophyd Device

Reactor Cell
Ophyd Device

Containerized Sim-
ulated Hardware

SECoP

SECoP

SECoP

Field Layer

Gas Analysis
SEC Node

Gas Dosing
SHALL-LabVIEW

Reactor Cell
SHALL-LabVIEW

Hardware Components

Mass
Spectrometer

3x Massflow Contr.
1x Pressure Contr.

Temperature Contr.
Temperature Sensor

