

Nitrous Oxide & Ethanol Engine Test Stand P&ID

Version: 1.2 Date: 7/1/2020 Author: Mac Seidel

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Manual Ball Valve

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Pneumatically Actuated

Ball Valve

Pneumatically Actuated 3-Way Ball Valve (T Denotes Fail State, Arrow Indicates Direction of Actuation)

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Solenoid Valve

 \bowtie

Pilot Solenoid

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Globe Valve

Regulator

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Pressure Relief Valve

Check Valve
(Arrow Indicates Direction of Allowed Flow)



Particle Filter



Vent to Atmosphere

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End Cap



Thermocouple



Pressure Transducer



Burst Disk



Flow Meter



Pressure Gage

