What is claimed is:

1. A point of use (POU) abatement device, comprising:

a housing having a plurality of independent flow paths, each independent flow path defined by a corresponding inlet, flow path, and outlet within the housing and configured to facilitate flowing separated gas streams through the respective independent flow paths; and

a one or more completely separated destruction or removal devices disposed within each flow path within the housing;~~,~~

wherein the plurality of independent flow paths are configured to maintain complete separation of respective gas streams flowing through the POU abatement device.

2. The POU abatement device of claim 1, wherein the one or more completely separated destruction or removal devices comprises an oxidation device and a wet scrubber column.

3~~2~~. The POU abatement device of claim 1, further comprising ~~either~~:

a common recirculation sump and recirculation pump to support a plurality of wet scrubber sections for each of the plurality of independent flow paths;~~,~~ and

a plurality of dividing walls extending into the common recirculation sump to a point below a fluid level of the common recirculation sump without contacting a bottom of the common recirculation sump to maintain complete separation of the gas streams above the fluid level of the common recirculation sump.

4. ~~; or~~The POU abatement device of claim 1, further comprising:

a plurality of independent recirculation sumps and recirculation pumps to support one or more wet scrubber sections for each of the plurality of independent flow paths.

~~3. The POU abatement device of claim 1, wherein each of the one or more completely separated destruction or removal devices is controlled via a common controller.~~

~~4. The POU abatement device of claim 1, wherein the plurality of independent flow paths are arranged into pairs of primary and redundant flow paths, and further comprising:~~

~~a bypass/diverter valve and associated plumbing for each pair of the plurality of independent flow paths to selectively bypass the primary flow path to the corresponding redundant flow path.~~

~~5. The POU abatement device of any of claims 1 to 4, wherein the one or more completely separated destruction or removal devices comprises an oxidation device and a wet scrubber column.~~

~~6~~5. The POU abatement device of claim 1~~any of claims 1 to 4~~, wherein the one or more completely separated destruction or removal devices comprises:

a plurality of oxidation devices directly connected to a plurality of wet scrubber sections for each of the plurality of independent flow paths.

6~~7~~. The POU abatement device of claim 1~~any of claims 1 to 4~~, wherein the one or more completely separated destruction or removal devices comprises:

a wet scrubber column for each of the plurality of independent flow paths.

7~~8~~. The POU abatement device of claim 6~~7~~, further comprising:

a plurality of independent control valves for each of the wet scrubber columns.

8~~9~~. The POU abatement device of claim 6~~7~~, wherein each of the wet scrubber columns comprise a recirculated scrubber section and a downstream fresh solution scrubber section.

9~~10~~. The POU abatement device of claim 8~~9~~, further comprising:

a plurality of independent control valves for each independent fresh scrubber of each independent flow path, each independent control valve comprising individual flow restriction valves and control via a common controller.

10. The POU abatement device of claim 1, wherein each of the one or more completely separated destruction or removal devices is controlled via a common controller.

11. The POU abatement device of claim 1, wherein the plurality of independent flow paths are arranged into pairs of primary and redundant flow paths, and further comprising:

a bypass/diverter valve and associated plumbing for each pair of the plurality of independent flow paths to selectively bypass the primary flow path to the corresponding redundant flow path.

12. The POU abatement device of claim 11, wherein each bypass/diverter valve is mounted internal to the housing.

13~~1~~. The POU abatement device of claim 1~~any of claims 1 to 4~~, wherein the one or more completely separated destruction or removal devices comprises:

a primary wet scrubber section, an oxidation device, and a secondary wet scrubber section.

14~~2~~. The POU abatement device of claim 13~~1~~, wherein ~~either:~~

the primary wet scrubber section is configured to operate in a co-current flow configuration, and wherein the secondary wet scrubber section is configured to operate in a counter-current flow configuration.~~; or~~

15. The POU abatement device of claim 13, wherein the primary wet scrubber section and the secondary wet scrubber section are each configured to operate in a counter-current flow configuration.

16~~3~~. The POU abatement device of claim 13~~1~~, further comprising:

a recirculation sump coupled to the primary wet scrubber section.

17~~14~~. The POU abatement device of claim 13~~11~~, wherein the secondary wet scrubber section comprises:

a dual secondary wet scrubber section having a first section coupled to a recirculation sump and a downstream second section coupled to a fresh solution supply.

18~~15~~. A method of abating a plurality of gas streams from a corresponding plurality of processing chambers, comprising:

flowing a plurality of independent gas streams from a plurality of processing chambers into a plurality of independent flow paths of a housing of a point of use (POU) abatement device;

at least partially abating compounds within each independent gas stream by flowing each of the plurality of independent gas streams through respective destruction or removal devices disposed within each flow path while maintaining each of the plurality of independent gas streams completely separated; and

exhausting each of the abated independent gas streams from the housing of the POU abatement device.

~~;~~19. The method of claim 18,

wherein~~, optionally,~~ the at least partially abating compounds within each independent gas stream includes flowing each independent gas stream through at least one of an oxidation device or a wet scrubber column respectively disposed in each independent flow path.

20. The method of claim 18,~~; and~~

further ~~optionally~~ comprising:

~~-~~diverting a first gas stream of the independent gas streams from a primary flow path of a first independent flow path of the independent flow paths to a redundant flow path of the first independent flow path, wherein the redundant flow path is disposed within the housing and includes one or more destruction or removal devices to at least partially abate compounds within the independent gas stream flowing through the redundant flow path.