CLAIMS

1. An air stream controller, comprising an enclosed hollow body having a first surface and a second surface, wherein, an opening is on the first surface facing an incoming tubing of a device for static charge reduction for receiving air stream from the device for static charge reduction, wherein an outgoing tubing of the device for static charge reduction is attached onto the second surface of the enclosed hollow body for discharging the air stream; wherein the enclosed hollow body is configured in an L-shape structure, and the opening is at least on a first surface of a vertical portion of the L-shape structure, and the outgoing tubing of the device for static charge reduction is attached onto a second surface of the vertical portion of the L-shape structure opposite the first surface for discharging the air stream.

2. An air stream controller, comprising an enclosed hollow body having a first surface and a second surface, wherein, an opening is on the first surface facing an incoming tubing of a device for static charge reduction for receiving air stream from the device for static charge reduction, wherein an outgoing tubing of the device for static charge reduction is attached onto the second surface of the enclosed hollow body for discharging the air stream; wherein the enclosed hollow body is configured in a first U-shape structure comprising two vertical portions and one horizontal portion, the opening is at least on a first surface of the two vertical portions of the U-shape structure, and the outgoing tubing of the device for static charge reduction is attached onto a first surface of the horizontal portion of the U-shape for discharging the air stream.

3. An air stream controller, comprising an enclosed hollow body having a first surface and a second surface, wherein, an opening is on the first surface facing an incoming tubing of a device for static charge reduction for receiving air stream from the device for static charge reduction, wherein an outgoing tubing of the

device for static charge reduction is attached onto the second surface of the enclosed hollow body for discharging the air stream; wherein the enclosed hollow body is configured in a second U-shape structure formed by a U-shape tube, wherein, the opening is positioned along a surface facing inwards of the U-shape tube and the outgoing tubing of the device for static charge reduction is attached onto an outer side surface of the U-shape tube for discharging the air stream.

4. An air stream controller, comprising an enclosed hollow body having a first surface and a second surface, wherein, an opening is on the first surface facing an incoming tubing of a device for static charge reduction for receiving air stream from the device for static charge reduction, wherein an outgoing tubing of the device for static charge reduction is attached onto the second surface of the enclosed hollow body for discharging the air stream; wherein the enclosed hollow body is configured in a ring-shape structure formed by a ring-shape tube, wherein, the opening is positioned along an inner surface of the ring-shape tube and the outgoing tubing of the device for static charge reduction is attached onto an outer side surface of the ring-shape tube for discharging the air stream.

~~2~~5. The air stream controller according to claim 1, wherein, the opening comprises a plurality of slits or holes.

~~3~~6. The air stream controller according to claim ~~2~~5, wherein, the plurality of holes is jointed together to form a long slit opening or a bent or circular slit ~~to~~facing ~~target specific area.~~the incoming tubing.

~~4. The air stream controller according to claim 1, wherein, the enclosed hollow body is configured in an L-shape structure, and the opening is at least on a first surface of a vertical portion of the L-shape structure, and the outgoing tubing of the device for static charge reduction is attached onto a second surface of the vertical portion of the L-shape structure opposite the first surface for discharging the air stream.~~

~~5. The air stream controller according to claim 1, wherein, the enclosed~~

~~hollow body is configured in a first U-shape structure comprising two vertical portions and one horizontal portion, the opening is at least on a first surface of the two vertical portions of the U-shape structure, and the outgoing tubing of the device for static charge reduction is attached onto a first surface of the horizontal portion of the U-shape for discharging the air stream.~~

~~6. The air stream controller according to claim 1, wherein, the enclosed hollow body is configured in a second U-shape structure formed by a U-shape tube, wherein, the opening is positioned along a surface facing inwards of the U-shape tube and the outgoing tubing of the device for static charge reduction is attached onto an outer side surface of the U-shape tube for discharging the air stream.~~

~~7. The air stream controller according to claim 1, wherein, the enclosed hollow body is configured in a ring-shape structure formed by a ring-shape tube, wherein, the opening is positioned along an inner surface of the ring-shape tube and the outgoing tubing of the device for static charge reduction is attached onto an outer side surface of the ring-shape tube for discharging the air stream.~~

~~8~~7. The air stream controller according to claim 1, wherein an external air cover or enclosure is placed over the incoming tubing or the outgoing tubing or both to cordon or block off certain amount of disruptive air-flow, wherein, the external air cover or enclosure is extensible and adjustable.

~~9~~8. The air stream controller according to claim 1, wherein the incoming tubing is positioned with a space gap to the first surface of the enclosed hollow body or attached to a third surface of the enclosed hollow body so as to facing the opening on the first surface.

~~10~~9. The air stream controller according to any one of claims 1-~~9~~8, wherein, the enclosed hollow body is extensible and adjustable to provide flexibility to cover a broader or smaller area, the enclosed hollow body is installed with at least one air suction device to have more control over the air stream, and the air stream controller is fabricated with an enclosure.

~~11~~10. An air stream controller, comprising,

a first enclosed hollow body and a second enclosed hollow body, wherein, an incoming tubing of a device for static charge reduction is in flowable communication with a first surface of the first enclosed hollow body, an first opening is on a second surface of the first enclosed hollow body, a second opening is on a first surface of the second enclosed hollow body facing the second surface of the first enclosed hollow body to receive air stream coming out from the incoming tubing of a device for static charge reduction, wherein an outgoing tubing of the device for static charge reduction is attached onto a second surface of the second enclosed hollow body for discharging the air stream.

~~12~~11. The air stream controller according to claim ~~11~~10, wherein, the first opening and second opening comprise a plurality of slits or holes.

~~13~~12. The air stream controller according to claim ~~12~~11, wherein the plurality of holes is jointed together to form a long slit opening or a bent or circular slit ~~to~~ facing the incoming tubing~~target specific area~~.

~~14~~13. The air stream controller according to claim ~~11~~10, wherein, the first or second enclosed hollow body is configured in a cube shape structure, a rectangular shape structure, an oval shape structure, a pentagon shape structure, a hexagon shape structure, a circular shape structure or an irregular shape structure, and the first enclosed hollow body and second enclosed hollow body are separately or structurally linked together.

~~15~~14. The air stream controller according to claim ~~13~~12, wherein, the first enclosed hollow body is configured in a first U-shape structure comprising two vertical portions and one horizontal portion, the first opening is at least on a first surface of the two vertical portions facing each other in the first U-shape structure, and the incoming tubing of the device for static charge reduction is positioned on the horizontal portion of the first U-shape structure.

~~16~~15. The air stream controller according to claim ~~15~~14, wherein, the second

enclosed hollow body is configured in a cube shape structure, a rectangular shape structure, an oval shape structure, a pentagon shape structure, a hexagon shape structure, a circular shape structure or an irregular shape structure.

~~17~~16. The air stream controller according to claim ~~15~~14, wherein, the second enclosed hollow body is configured in a first U-shape structure comprising two vertical portions and one horizontal portion, wherein, the second opening is at least on a first surface of the two vertical portions of the first U-shape structure, and the outgoing tubing of the device for static charge reduction is attached onto a second surface of the horizontal portion of the first U-shape structure for discharging the air stream.

~~18~~17. The air stream controller according to any one of claims ~~11~~10-~~17~~16, wherein, the enclosed hollow body is extensible and adjustable to provide flexibility to cover a broader or a smaller area, the enclosed hollow body is installed with at least one air suction device to have more control over the air stream, and the air stream controller is fabricated with an enclosure.

~~19~~18. A system for static charge reduction, comprising:

an air steam generator for generating air stream;

an incoming tubing for connecting and delivering the air stream from the air steam generator to a non-enclosed open air stream passage area, an air stream level sensor of an air stream level control unit positioned within any point of the air stream flow passage along the flow path for sensing air stream level in the flow path, an outgoing tubing with the air suction unit installed which connect to the air steam generator for forming a closed loop controlled air stream delivery system;

at least one air stream controller according to any one of claims 1-~~18~~17.

~~20~~19. The system for static charge reduction according to claim ~~19~~18, wherein, the air steam generator is a moisture generator for generating moist air stream at a predetermined moisture level or an air ioniser for generating ionised air stream at a predetermined ionisation level and the air stream level sensor is a

moisture level sensor for sensing moisture level in the flow path or an ionisation level sensor for sensing ionisation level in the flow path.