

METHOD FOR MANUFACTURING DEPOWDER DEVICE FOR PIPING
AND METHOD FOR INSTALLING THE SAME

【Abstract】

The present disclosure relates to a method for
5 manufacturing a depowder device for piping and a method for
installing the same, and more particularly, to a method for
manufacturing a depowder device for piping, which is for
suppressing attachment and deposition of exhaust matters to
an inner circumferential surface of a pipe exposed to the
10 flow of exhaust matters such as unreacted raw material gas,
reaction products, and the like exhausted from substrate
processing devices for semiconductors and displays, and a
method for installing the same.

The method for manufacturing a depowder device for
15 piping according to the present disclosure includes: a heater
manufacturing step (S1) including a step (S11) of
manufacturing an intermediate product by installing a
heating wire connected to a power source inside a metal pipe
and filling it with an insulating agent and a step (S12) of
20 cutting the intermediate product and connecting one end
portions of exposed heating wires; a winding step (S2) of
manufacturing a heating coil which has a predetermined outer
diameter by winding the heater around a jig and at least a
portion of which is inserted into a pipe; and a coupling
25 step (S3) of coupling the flange and the heating coil by

inserting an end portion of the heating coil into an exposed hole formed in a metal flange.

FIG.1

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