

DAISO ENGINEERING CO.,LTD.

DAISO MR SYSTEM

• Mercury removal technology

Features

- High- performance adsorbent for mercury, DAISO MR System removes mercury in waste water or gas.
- The Japanese Government Office certifies the system to be the “Important Invention”.
- Also gas incinerating wastes containing harmful substances like mercury can be absorbed and detoxicated.



Overview (Technical principles, actions, etc.)



MRL system ;

Treatment system for removing mercury and heavy metal from waste water. During the adsorption stage, either MRL-A (Chelate Resin) or MRL-B (Specialized activated carbon) is used. Waste water passing through the MRL decrease the concentration of mercury and heavy metal .



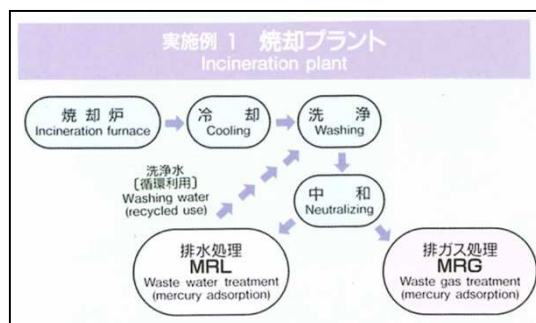
MRG system ;

Treatment system for removing mercury from waste gas. During the adsorption stage, MRG (Specialized activated carbon) is used. Waste gas passing through the MRG decrease the concentration of mercury. When high contented Hg gas treatment, add the cooling process as pretreatment.

Introductory Track Record

• Performance Records

Customer	object substance	Hg content of inlet	Hg content of outlet
A. Electric appliance company	< Gas >	7 [mg/m ³]	≦ 0.0005 [mg/m ³]
B. University	< Gas >	3 [mg/m ³]	≦ 0.0005 [mg/m ³]
C. Metal manufacturing company	< Gas >	0.1 [mg/m ³]	≦ 0.0005 [mg/m ³]
D. industrial waste disposal company	< Gas >	0.3 [mg/m ³]	≦ 0.0005 [mg/m ³]
E. Electric appliance company	< Gas >	0.08 [mg/m ³]	≦ 0.0005 [mg/m ³]
F. Chemical company	< Gas >	5 [mg/m ³]	≦ 0.0005 [mg/m ³]
G. Metal manufacturing company	< Liquid >	3 [ppm]	≦ 0.5 [ppb]
H. Municipal office	< Liquid >	0.5 [ppm]	≦ 0.5 [ppb]
I. Electric appliance company	< Liquid >	0.01 [ppm]	≦ 0.5 [ppb]
J. Electric appliance company	< Liquid >	0.2 [ppm]	≦ 0.5 [ppb]



Inquiries

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