

TECHNOLOGY FOR RAISING EFFICIENCY OF WET SCRUBBING OF PULVERIZED-COAL FIRED BOILER FLUE GASES FROM ASH



Flue gas purification



Venturi scrubber

Areas of Application

The technology can be used for upgrading the plants for wet cleaning of flue gases of pulverized-coal fired boilers from fly ash (Venturi scrubbers) at TPPs

Specification

The technology takes into account all significant physical phenomena taking place in the scrubbers and provides an opportunity to improve its operation

IPR Protection

IPR2

Advantages

The optimization of scrubber configuration and operating conditions using the proposed technology enables to reduce the amount of harmful substances emitted to atmosphere 2–3 times

Stage of Development.

Suggestions for Commercialization

IRL5, TRL3

Upon request, scrubber configuration and operating conditions are optimized while developing new scrubbers or upgrading the existing ones. Recommendations are provided

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