

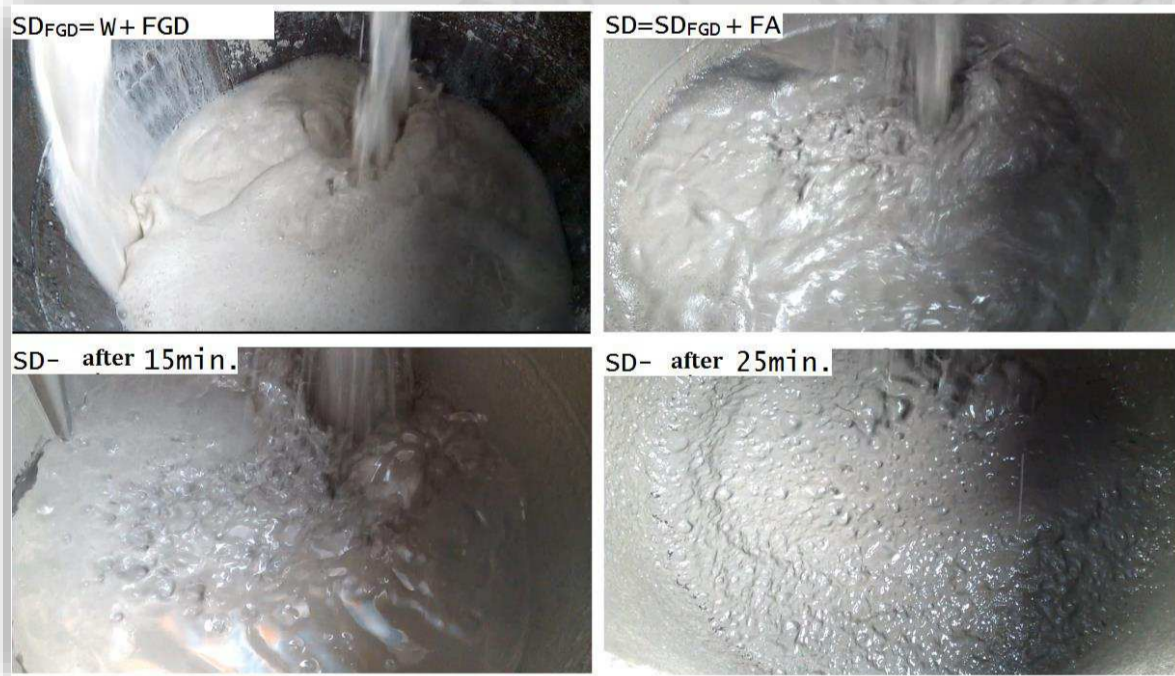
# PROCESS FOR INTEGRATING THE DRY DEFLECTION BY-PRODUCT INTO THE DENSITY SLAM RECIPE FOR HYDRAULIC TRANSPORT THROUGH PIPE SYSTEMS

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The invention relates to a process for integrating the by-product resulting from dry desulfurization by applying the dense sludge technology for hydraulic transport through piping systems, as well as the storage in the dump of the desulfurization by-product resulting from the technological process of flue gas treatment related to coal-fired power plants. The field of the invention is that of environmental protection.

The process does not influence the self-hardening properties of dense sludge, prevents the deposition phenomena on the walls of transport pipes, reduces the cost of transport and storage of desulfurization by-product, involves a low implementation cost, has a low energy consumption in operation compared to other methods and does not pollute the environment. Added to this is the outstanding light immunity, which allows for reliable results even outdoors and under suddenly changing lighting conditions. The corrective power of the glasses can also be adapted to the wearer, and the eye tracking glasses can be comfortably worn with contact lenses. With the very short calibration time compared with other options, the glasses can be quickly adapted to the wearer and made ready for use. Once calibrated, the Eye Hyper-Tracking glasses can be used again and again for hours at a time – comfortably and unobtrusively.



AD=additive;  
FA=electrofilter fly-ash;  
SD=dense sludge;  
FGD=by-product of dry  
desulphurization;  
W=water.

Applications: The dense sludge prepared according to the process described according to the invention solves the problem of preparing the dense sludge recipe, which also includes the desulphurization by-product, resulting in a slurry fluid, capable to be hydraulically transported through pipes to the slag and ash depot, specific to coal thermal power plants. According to the experimental results, it is found that the process of integrating the dry desulfurization by-product into the dense sludge preparation recipe according to the invention provides a technological solution for the hydraulic transport of the dense sludge containing dry desulfurization by-product.

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