

HG

**CHEMICAL INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

HG/T 6132-2022

**Reaction towers for manganese sulfate production by flue gas
desulfurization with manganese oxide ore slurry**

氧化锰矿浆烟气脱硫制硫酸锰反应塔

(English Translation)

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This standard specifies the terms and definitions, structure and parameters, requirements, inspection and acceptance, labeling, packaging, transportation and storage of manganese sulfate reaction tower for manganese oxide pulp flue gas desulfurization. This standard applies to chemical, metallurgical and other industries under normal pressure, the design temperature is not greater than 200 °C, using manganese oxide pulp to remove SO₂ with a concentration of not less than 10000mg/m³ in the flue gas, and simultaneously leaching the SO₂ in the manganese oxide pulp manganese, and produce manganese sulfate manganese oxide pulp flue gas desulfurization manganese sulfate spray reaction tower.