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**Serikbayeva A.K¹, Bussurmanova A.Ch¹, Zhumashev
K.Zh², Berdikulova F.A², Gusmanova A.G¹**

¹Non-profit joint-stock company «Caspian University of Technology and
Engineering named after Sh. Yessenov», Aktau (Kazakhstan)

²Republican State Enterprise «National Center for Complex Processing of
Mineral Raw Materials of the Republic of Kazakhstan», Almaty (Kazakhstan)

EXPANSION OF THE APPLICATION SCOPE OF AMMONIUM SULFATE

Abstract: The article considers several options for using ammonium sulfate to create new waste-free and resource-saving technologies. The possibility of obtaining a double salt based on ammonium sulfate and ammonium nitrate is shown, where granulation and saturation of fertilizer with nitrogen are improved. The technological scheme of preparation of ammonium sulfate for cleaning gases of coke batteries from ammonia with its output in the form of liquid and harmless fertilizer is given. The technological principle of application of ammonium salts for opening of refractory metallurgical raw materials is given.

Keywords: ammonium sulfate, metallurgy, opening, refractory raw materials, technology, gas cleaning.

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