

The invention relates to the field of petrochemistry, and particularly to chemical methods of protection of equipment of plants for preparation and reprocessing oil from process media. A process for equipment corrosion protection involves incorporation into process medium of imidazole and additionally of derivatives of hydroxymethelene amine of the general formula $\text{HO}-(\text{CH}_2)_n-\text{NH}_2$, wherein $n = 2, 3$, in mass ratios of imidazoline derivatives and hydroxymehylene amine derivatives (3-5):(2-1) and concentrations of components of 1-20 g/t of process medium. Incorporation of such mixture into the system provides higher degrees of protection of metal equipment in gas-vapor, liquid hydrocarbon and aqueous media, and also prevention of accumulation of corrosion products and formation of organic and inorganic deposits in the system as compared with the prototype.