Etude D'efficacité D'inhibiteur NALCO E1154A Sur L'acier A36 Utilisé Dans Les Bacs De Stockage Des Hydrocarbures Du Site GTFT-ILIZI

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Abstract: The corrosion of the condensate and LPG storage tanks in the GTFT zone presents a major problem that leads to a degradation of the storage tanks where huge sums are spent annually to protect the structures against corrosion, The maintenance and repair of the storage tanks. storage systems go through a detailed inspection program in order toobtain the data necessary to be properly adapted, today corrosion protection includes treatments such as cathodic protection, surface treatments or even the modification of the corrosive environment by addition of corrosion inhibitors. These constitute an original means of combating corrosion.In order to test the effectiveness of NALCO 115 EC 1154A inhibitor on A36 steel for use in the protection against corrosion of storage facilities for hydrocarbon products inthe GTFT zone, we were interested in this study to seek the optimal concentration in order to perform electrochemical tests.

Keywords : corrosion, storage bins, inhibitors, A36 steel