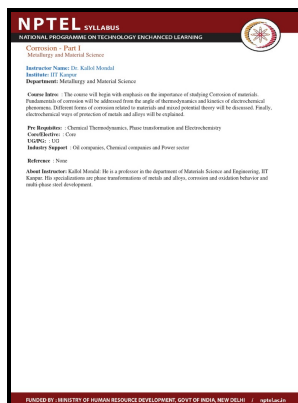


Theory of corrosion and protection of metals - the science of corrosion

Macmillan - Corrosion, Chemistry Project Report on Corrosion



Description: -

- Theory of corrosion and protection of metals - the science of corrosion
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Galvanic Corrosion

The idea of cathodic depolarisation by sulphate-reducing bacteria being the cause of bacterial corrosion is, however, still held by some engineers.

Corrosion, Chemistry Project Report on Corrosion

The concentration of dissolved solids, especially chlorides and sulfates, in circulating cooling water is a factor in potential corrosion. If the insoluble compound forms at a distance from the anodic area as illustrated in Fig. Within this range, the electrode has both anodic and cathodic reactions occurring on it, with the net current being the difference between current to the electrode and current from the electrode.

Galvanic Corrosion

Vigorous hydrogen evolution occurs on platinum as the rate is now given by $\text{Zn} \rightarrow \text{Pt}$.

Corrosion in Metals: Introduction, Classification and Rate

Forms of Corrosion: In actual practice, the specific terms are used to denote a particular type of corrosion.

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