

ISCC URGES CAUTION IN USE OF UNSCIENTIFIC DEVICES
FOR CORROSION PREVENTION

The Inter Society Corrosion Committee has become greatly concerned about hazards that may result from dependence on certain unproved devices for controlling corrosion and scaling. The Committee recommends extreme caution in the application of such devices, since any failure to give protection where a real problem of corrosion or scaling exists may result in serious damage to expensive equipment.

ISCC consists of about thirty-five delegates from the major technical societies in the United States and Canada that are actively concerned with problems of corrosion control and with the scientific reduction of economic losses caused by corrosion. Through this word of caution and in accordance with its established objectives, the Committee seeks to promote use of the many scientifically sound and effective devices and processes presently available and to discourage dependence on unsound and ineffective methods of control.

The Committee wishes to draw particular notice to devices not based on any understandable scientific principle but usually promoted on the basis of testimonials - unsupported by quantitative data - from "satisfied" customers. The Committee calls special attention to supposedly scientific explanations making liberal and often incoherent use of high-sounding technical terms. These explanations, it claims, have no apparent basis in scientific fact.

In some cases manufacturers recommend that electrical ground wires connected to pipes containing corrosion prevention devices should be rearranged or connected elsewhere. The Committee emphasizes that if, after one of these devices has been installed the electrical circuits are not grounded in accordance with the National Electrical Code, serious danger to the safety of persons and property may result.

Against this background and in line with its responsibilities, the Committee then recommends extreme caution in the application of corrosion and scale preventing devices lacking any apparent basis of sound scientific principles and having no adequate engineering performance data.

The above statement was issued by a subcommittee appointed by the Inter Society Corrosion Committee at its March 19th, 1953 meeting in Chicago.

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