

"Recent Developments in Improving Reliability and Availability of REMP Air Sampling System"-Frank Gavila, F&J Specialty Products

The effects of low line power voltage conditions on analog and digital REMP air sampling systems is reviewed along with a discussion of a variety of line power disturbances including nearby lightning strikes and their impact on REMP air sampling systems.

Information is presented on design changes to digital systems to resolve problems with low line voltage conditions and the addition of protective devices which can essentially eliminate the damage caused to REMP air sampling systems by power line disturbances and nearby lightning strike events.