

ENGINEERING & PROJECT SERVICES

for Cathodic Protection & AC Mitigation



MATCOR provides complete corrosion engineering, cathodic protection and AC mitigation services including field testing, evaluation, design, laboratory research, project management and installation, in addition to expert advice and witness.

MATCOR QUALIFICATIONS

MATCOR’s professional staff includes NACE certified corrosion experts at all levels, including professional engineers, technicians, project managers and court certified expert witnesses. MATCOR professionals have authored numerous papers, served on many NACE, ASTM International, ICRI and other professional organizations’ technical committees and executive boards. Many of MATCOR’s technical personnel are recognized worldwide as corrosion experts and several are patent holders for innovations in the corrosion industry.

CORROSION ENGINEERING

Cathodic protection feasibility studies	Preparation of bid documents
Conceptual cathodic protection design	Specification development
Cathodic protection installation budget preparation	Bid evaluation
Soil corrosion analysis	Budget development and evaluation
Analysis of field testing data	Third party review & evaluation
Atmospheric survey	Integrity management plan development
Material selection & analysis for new construction	Pre-trial and trial expert witness services
Complete cathodic protection design & specifications	Training services for corrosion departments

FIELD SERVICES

Soil resistivity	Annual & periodic testing
Native potential	AC & DC interference testing
CIS	Cathodic protection system diagnostic testing
ECDA	Integrity evaluation
PCM	Soil testing
DCVG	Coating adhesion tests
Atmospheric corrosion	Owner’s representative services
Leak detection	Third party inspection services
Pearson surveys	

Contact a MATCOR corrosion expert +1 215 348 2974

www.matcor.com

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PROJECT MANAGEMENT

Turnkey installation of cathodic protection and AC mitigation systems

Project management of installations by others

AC MITIGATION SERVICES

Field data collection

AC mitigation modeling

AC interference testing

AC mitigation installation

AC mitigation system design

Installation management

SPECIALTY SERVICES

INDUSTRIAL CORROSION ANALYSIS

Testing of industrial products for corrosion

Laboratory and in-plant services

Design of corrosion prevention systems

STEEL-IN-CONCRETE CORROSION SERVICES

Corrosion diagnostic testing

Corrosion mitigation design

Concrete sample collection and analysis: pH, chloride content, resistance, and complete chemical analysis

Cathodic protection design & specifications

Corrosion potential mapping

Cathodic protection installations

Delamination surveys

Cathodic protection testing and analysis



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