



FOUNDER | PROFILE

KB Swaroop is the Founder and CEO of Corrosion Matters. He has Bachelor of Engineering degree in Electrical and Electronics and is a licensed / valid electrical supervisor for electrical installations upto 11KV. Swaroop brings on board a vast corrosion prevention experience of over 19 years spanning the entire spectrum of a project life line beginning from the specification, management phases to execution and maintenance phases. His domain expertise touches all the core manufacturing industry disciplines including communications, steel, oil and gas, petrochemicals etc. In addition, he consults industries to enable them provide healthy, safe and environmentally friendly, working conditions to their field staff. A testimony of this fact is has a blemish less zero accident record in all the jobs he handled thus far.

His strong sense of commitment to pursue methodical approach to problem solving in corrosion prevention systems projects, the company was able to win a number of key projects in India, Middle East and Far East. Besides, every passing year a number of new engineers are trained and imparted Corrosion Prevention techniques and Cathodic Protection Systems technologies by him, either through the medium of in-house seminars or by presentations at various clients sites. Being a promoter of another technology Company namely Savitr Software Services (P) Ltd., which specializes in software development work, he confidently presents Corrosion Matters, in all facets of high tech revolution.



**CORROSION
MATTERS**

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AN ISO 9001:2015 COMPANY



**CORROSION
MATTERS**



a Cathodic Protection Engineering Company

**DESIGN & ENGINEERING
TECHNICAL CONSULTING
CP SYSTEM MATERIALS**

An ISO 9001:2015 Company
Since 2005

COMPANY | OVERVIEW

Founded by richly experienced electrochemical engineers in 2005, Corrosion Matters, an ISO 9000 company today emerges as a leading specialist and technology provider for materials and services for the Corrosion Prevention industry markets in India and abroad.

The company centered on pursuing the basic idea as the name suggests itself, actively engaged in project matters related to corrosion for Power, Steel, and Oil and Gas sectors.

Based on 19 years long field, manufacturing and project management experience strengths of the founder, Mr.K B Swaroop, the company is moving ahead swiftly from a humble service provider to a strong entity for handling all the critical jobs that are offered in Corrosion Prevention domain.

Practicing wide spread technologies in core design activities for Cathodic Protection Systems, Corrosion Matters, has gained significantly over the years for seamless execution of associated projects works in construction, like On site field surveys, Detailed Engineering, procurement, manpower and equipment mobilization, commissioning, handing over, documentation etc. etc.

Corrosion Matters strives to be the leader by the year 2015, by constantly innovating the processes and adopting the use of modern tools and techniques that would result in affordable and acceptable corrosion prevention practices for the industry world over.



The company was selected exclusively by giants in the Industry to foresee and supervise their key assets for corrosion prevention systems.

These assets are typically, Cross country pipelines, Complex Plant Underground piping, On-shore - Off-shore facilities, City Gas and Water mains, above ground storage tanks, concrete steel structures, water boxes and condensers and so on and so forth.

Today the company is capable of offering whole gamut of activities towards complete range of sacrificial and impressed current systems, by following latest and the state of the art techniques based on internationally acknowledged and accepted standards and procedures. The company's trained and dedicated team of empowered engineers is having hands on experience and expertise in handling time bound and critical projects of importance, it is their clients who stand testimony to this fact.

The company would also like to be known for their Integrity, excellence and sincerity in their approach for problem solving ahead of commercial interests associated with the jobs.



COMPANY | CLIENTELE

VECO Engineering Ltd.

Sub-Contract for Engineering Services for Cathodic Protection for GAIL Pipeline Vijaipur Kota Pipeline project – 18" dia X 178Km

The Tata Power Company Ltd.

Supply of Mixed Metal Oxide Coated MMO anodes

Brihanmumbai Mahanagarpalika

Renovation of old iccp system installed on various buried MS water supply mains.

Hindustan Construction Co. Ltd.

Bandra Worli Sea link Project, Package IV – Work order for Installation of Instrumentation for cable stay pile cap - Supply and installation of Halfcells

Abdulla Fouad Impalloy Ltd. Co. (AFIC)

Supply of Iron and Nickel Iron Anodes for the KJO refinery Desalination Plant at Saudi Arabia for Aquatech USA.

Lloyd Insulations (India) Ltd.

Design, Installation Supervision for Plant ICCP for U/G Piping at Maruti Udyog Limited, Gurgaon

Cairn Energy India Pty. Ltd.

Suvali Terminal Monitoring of Suvali Terminal on shore and off shore CP System

Hindustan Petroleum Corporation Ltd.

Supply of Test Stations

Tripura Natural Gas Company Ltd.

Design, Supply, Installation and Commissioning of CP System at a High pressured Gas Pipeline at Tripura, India.

Tata Chemicals Ltd.

Supply of 2Nos. of AUTO REF. CONTROLLER RECTIFIER for Sulphuric Acid, Anodic Protection System.

ESSAR POWER Ltd.

Work order for Cathodic Protection system Monitoring of NGL Pipe Line.

Bharat Petroleum Corporation Ltd.

AMC for CP System (ONGC Transfer Pipeline and Mounded Vessels) at Surat LPG Plant.

M/s. Arabi Energetech Ksc.

Purchase order for Design, Engineering and commissioning of Pipeline Cathodic Protection System at Subhiya Power Plant, Kuwait.

Reliance Industries Ltd. (Hazira Plant, Surat).

Pipeline route Investigation inside the plant complex and Cp Material supplies.

Bhagyanagar Gas LTD..

Design, Engineering, Supply, Installation, Testing, and commissioning of 11 KV substation work for CNG Mother station at shamirpet, Hyderabad.

SKF India Pvt Ltd.

Execution of cathodic protection Monitoring at cairn energy India ltd 8"- 90 Km, 12"- 90 Km, 20"-30 Km and Tanks 16 in No.

KPR Fertilizers Ltd.

Installation and commissioning of Wrapping Coating materials And cathodic protection of methanol tanks.

Punjilloyd Kazakhstan LLP.

CP System CIPS Survey, AC/DC Interference Survey and DCVG Survey for 24 " Dia 89 Kms Gas Pipeline and 24" Dia 60 Kms Oil Pipeline.

Punjilloyd Kazakhstan LLP.

Hyundai Heavy Industries Co.Ltd. Supply and Installation of Deep well Anode Bed for IOCL Paradeep.

Hindustan Petroleum Corporation Limited.

Design & Engg. Dra Wing-Anode Bed, MMO Anode String, Supp.Fab&Instl Of MS Pipe, SUPP FAB&INTL OF HDPE PIE, Supply Of Coke Breeze, Shifting & Re Loc Of AJB, Re Rooting of AJB cable, Installation & Commissioning Lump Sum, Quarterly Monitoring.

PRODUCTS & SERVICES | CP SYSTEM MATERIALS



“ Everyday thousands of square meters of area of the ferrous structures are being Cathodically protected from electrolytic corrosion by Anodes designed, manufactured and installed by Corrosion Matters worldwide. ”

- TR Units
- Junction Boxes
- Reference cells
- High Silicon Chromium Anodes
- Mixed Metal Oxide Coated Titanium Anodes
- Aluminium Indium Anodes
- Pure Iron Anodes
- Copper Zinc Anodes for Anti fouling CP Systems
- Magnesium Anodes and Zinc Anodes

Corrosion Matters has leased casting units and outsourced foundries with most efficient manufacturing facilities to manufacture anodes.

Corrosion Matters designs and supervises the manufacturing activity right from inspection of incoming raw material to on process testing and final inspection of anodes depending on the project needs.

All our clients enjoy the affordability of CP material guided by our expertise and market knowledge to get the best deal in prices and deliverability.

All this has been possible due to strong networking in the industry and due to constant interaction with the manufacturers that we have developed over the years.

Corrosion Matters firmly believes in Innovation, being up to date with the market trends and observing the growth patterns of its manufacturers. Our long market presence has enabled us to develop an immensely strong network of manufacturers to cater various engineering needs. Both these factors coupled with our expertise and consultation result in our customers getting the best possible deals the market has to offer in terms of Quality, Price and Deliverability. This is the key differentiator for Corrosion Matters from its competitors.

PRODUCTS & SERVICES | DESIGN & ENGINEERING

Design Matters

Corrosion Matters believes in providing sound design and Engineering practices laid down by various International Standards like NACE, BIS, BS, DNV, API etc. etc.

Who Designs Matter

Cathodic Protection Systems design depends essentially on the experience and knowledge of the Individual Engineer addressing the design work. It can be said that Engineers of different background experience profile will address the problem differently. However the key is in detailing. Collecting various field inputs and collating them together will result in effective CP design.

Data Matters

Corrosion Matters has all the requisite experience and testing equipment to conduct pre design surveys, interpret raw empirical data sometimes conflicting factual data to address all the critical areas of concern and present the solution based on optimum requirement of clients.

ISO Systems Matter

Corrosion Matters is an ISO 9000 company has all the quality systems in place and this enables the right approach to be adopted for designing complex time bound projects.

IT Skills Matter

The technical team is equipped with Modern computer Software tools for representation and for plotting complex equipment geometries. Company has in house facilities to meet all the perceived requirements of the Design and Engineering projects.



Engineering Matters

Cathodic Protection System engineering demands knowledge for intricate details of Mechanical & Structural Engineering, Civil Engineering, and Electrical Engineering. The dependency on such competencies is largely due to installation requirements which are always challenging and application of Installation techniques differ for project to project and place to place.

Corrosion Matters continues to demonstrate an acknowledged and accepted approach to all the Engineering related matters while be in CP Construction work, be it retrofitting of Anode system or be it complex hazardous operating Oil and gas installation or be it an Offshore Platform. The extensive knowledge base of Corrosion Matters coupled with wide variety of applications handled by the company gives the distinct advantage over the peers in this business.



KEY PROJECTS | DESIGN AND ENGINEERING

Key Projects Handled in Design and Engineering

1. CP System design for Chennai Madurai Trichy Pipeline project of IOCL.
2. Tank Bottom CP Project at Melut Oil Basin South Pars Iran
3. Comprehensive study and analysis of CP Systems at various MS Water lines of large dia concrete encased piping Network CP refurbishment works and underground DC traction crossing of the pipelines
4. Internal and External Tank bottom CP System for high temperature Curdue Oil storage Tanks at Tenghakat Assam , India for Oil India Limited
5. Corrosion Performance and instrumentation for Bandra Worli Sea link Main pier cap concrete Steel Subsea structure.
6. Corrosion projects for Onshore facilities and Offshore Oil Fields at CAMBAY region for Cairn Energy India Pvt. Ltd.
7. Power station piping CP System at Subiya Power Station Project, at Kuwait.
8. Anti Fouling systems Design, manufacturing and supplies for power plant intake structures at Abu Dhabi.
9. Jetty CP System refurbishment assignment at Nagapattinam facilities at CPCL and for TATA POWER, Mumbai.



VECO
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Certificate of Completion

1. Name of the work	Sub-Contract for Engineering Services for Cathodic Protection for GAIL(India) Ltd. Vijapur Kota pipeline Project
2. Name of the Agency	Corrosion Matters 6-3-899/2, Swathi Plaza Somajiguda, Rajbhavan Road Hyderabad 500 082. Tel. 040 3240 4595 Fax. 040 2341 8786 Cell: + 91 93923 22192 www.cormatt.com
3. Work Order references	Veco Letter No.20189/VECO-GAIL/L-0900 Dt. 19.05.2005 and Ltr. No.20189/VECO-GAIL/L-2110 Dt. 01 June 2006
4. Scope of Work	Designing and preparation of drawings/ documents, as per VECO technical requirements to be furnished for the TCP/PCP System for 176KM Cross Country pipeline as per the International Standards and NACE Guidelines. Job Includes, Review of CP tender, Attending Pre-bid meeting and bidders queries, representing VECO on project requirements by GAIL/Contractors, Technical Bid Evaluation & Recommendation, Review, Comments & approval of contractors detail design, drawings etc. and Site Supervision and project consultancy work during Project construction work by the contractor.
5. Contract duration	Technical consultancy and Manpower supply during June 2005 – January 2008.

M/s. Corrosion Matters has been engaged by us for Technical Services as above.
 This is to certify that the work related to the subject project has been accomplished successfully by M/s. Corrosion Matters, and their performance has been Excellent.
 We wish them success and would like to associate with them for future projects
 For Veco Canada Ltd
 Authorised Signatory



PRODUCTS & SERVICES | TECHNICAL CONSULTING

Corrosion Matters is known for its strong analytical and technical support for activities for a variety of Cathodic Protection Systems.

- Corrosion Prevention systems project management from Concept development to execution and commissioning
- CP Surveys – Feasibility of CP System
- CP – Health Surveys
- Technical Manpower for Installation supervision
- Monitoring and Maintenance work
 - Cross country pipelines
 - Oil & Gas Industry Plants U/G Piping and Marine Tank farms CP System
 - Onshore terminals and Offshore platforms
- Clients representation for concept development, tendering, awarding works Construction supervision, billing and payment processing, receiving the system etc.
- Refurbishment and rejuvenating of old CP Projects and systems
- Refurbishment of CP equipment like TR units, Ground beds etc.
- CP Training
- CP Ground beds design Software
- CP Monitoring and Maintenance Software
- Design of Anode systems for Bio fouling for water boxes and condensers
- Design of Anodic protection systems for sulphuric Acid plants.



because... Corrosion Matters !

