INTRODUCTION

SAP ENPROCON PVT. LTD. (SAP), is introduces itself as one of the leading cathodic protection work service provider. The company was established in the year of 2016, and now it is pioneer of associated works for cathodic protection system.

SAP ENPROCON PVT. LTD. (SAP), is fully dedicated service organization in the field of cathodic protection and has successfully and consistently grown itself as a leading company in the field of cathodic protection.SAP is primarily dedicated to corrosion control services, focusing on cathodic protection services on turnkey basis for site survey, design, material supply, installation, testing and commissioning and also monitoring, maintenance and corrosion surveys. Our cathodic protection activities comprise cross country pipelines, on shore and off shore, plant piping, fire water piping and steel tankage bottom etc and various field surveys like soil resistivity, current drainage surveys, close interval potential logging survey (CIPL), AC/DC interference surveys, DCVG surveys, topographical surveys and CAT surveys with 'A' Frame etc. The company has provided accurate results to support the CP works/ installations.

Our team has good experience and working spirit for giving-achieving perfection of work. SAP is Lead by professional management comprising of qualified and richly experienced technocrats and supported by well trained and highly motivated teams of engineers/technicians. The very important part of our organization is set up and teamwork with unity, so appreciable out-put will be achieved by our workforce.



ABOUT US

SAP ENPROCON PVT. LTD (SAP) provides engineering services related to turnkey cathodic protection (CP) and consulting services for onshore and offshore projects related to oil, gas, petrochemical and process industries in India. India's proven and the most trusted leading company in the Cathodic Protection field providing turn-key solutions involving the activities like,

- Site Surveys
- Design & Engineering
- Manufacturing
- Supply of materials & Equipment
- Installation, testing & Commissioning
- Post Commissioning Surveys
- Interference Survey & Mitigation Measures
- Monitoring & Maintenance
- Training

Manufacturing Facilities

Our Cathodic Protection Division has its own manufacturing facility of 1500 sq ft shop area with well equipped machines to produces a variety of products used in the Cathodic Protection Services.
Some of the products from the manufacturing facility are ….
Test Stations, Anode Junction Box (AJB), Cathode Junction Box (CJB), Power Distribution Board (PDB), Cable Route Marker, Pipeline Sign Marker and GI Canister.

Manpower Strength

The striking feature of our working is a strong team of highly experienced and dedicated professionals, project managers; project engineers, supervisors, technicians and support staff. We keep on updating Skills of our manpower resources by various skill development and technical training program.

OUR VISION

Our vision is to be a top-notch service provider in the world in cathodic protection technology. Our aim is to exceed the expectations of our customer by providing innovative, professional and cost saving solutions.

OUR MISSION

We are a team of industry professionals who are dedicated to protecting the environment, our fellow citizens and the prosperity of our communities by applying our skills and knowledge safely to prevent corrosion. We will strive to partner with our clients in a forthright and supportive manner, so that we can provide them with the most advanced tools, techniques and knowledge needed to preserve the integrity of their infrastructure.

OUR STRENGTH

Our strength lies with our assets of machinery, equipments, technocrats and the expertise available with us since inception of our organization.

OUR GOAL

Our goal is to achieve Zero fatalities, Zero Lost Time Accidents, minimize all damage to property, & minimize Damage to the Environment at all locations of SAP and to promote and accident and injury free (AIF) Culture.

OUR OBJECTIVES

Our objectives are to identify and follow the most suitable and applicable international standards in the construction industry within a step change approach and to preserve a Safe Work Environment.

ISO 9001:2015

Certificate

This is to certify that

SAP ENPROCON PRIVATE LIMITED

4th Floor, 421, Naroda Business Hub, Opp. Satva Green Party Plot, Naroda-Dehgam Road, Hanspura Naroda, Ahmedabad-382330, Gujarat, India.

has been found in Compliance with requirements of

Quality Management System

ISO 9001:2015

for the following scope:

Design, Supply, Installation, Testing, Commissioning of EPC Projects for Sacrificial & Impressed Current Cathodic Protection System for Oil & Gas Pipelines, Tanks, Vessels, Post Commissioning surveys (Soil resistivity, CIPL, CAT, DCVG, AC/DC Interference, Current Drainage, Coating Conductance), Audit, Consultancy and Monitoring & Maintenance of Cathodic Protection System.

Certificate No.	:	**1470/QMS/0218**
Issue Date	:	**07-February-2024**
Expiry Date	:	**06-February-2027**

To check this certificate status visit:
"http://uasl.uk.com/certifiedorganization.html"

Authorised Signature

International Accurate Certification

60 Mill Mead Business Centre,
Mill Mead Road, London N17 9QU, United Kingdom
www.iacert.com & info@iacert.com

This certificate remains the property of International Accurate Certification (IAC) to whom it must be returned on request. IAC accredited by UASL (England) UK





Cathodic Protection Services

System Design and Engineering

We have a dedicated team of qualified & skilled engineers for this critical activity. The team with the analysis of available data and survey reports designs the most suitable cathodic protection system based on the high-end software modules.

Manufacturing and Supply of Materials

We have our own manufacturing facility to produce some of the quality products required for the proposed Cathodic Protection System. The remaining products are bought out items which we procure from approved vendors having great reputation in terms of quality in the industry. We do the quality Inspection &Testing of all the procured material as a part of the service.

Installation, Testing and Commissioning

Team of qualified and skilled engineers, supervisors and technicians, carry out the Installation, Testing and Commissioning of the deployed Cathodic Protection System at project sites.

Monitoring and Maintenance

We are able to provide fault diagnosis for existing cathodic protection systems and make recommendations for maintenance, repair or replacement. All cathodic protection systems require regular routine monitoring to ensure that they meet their respective performance criteria and achieve fault free operation. Corrosion Engineering solutions are able to develop and implement long term operation, Monitoring and maintenance plans for any cathodic protection or electrochemical repair system to ensure the integrity and value of our client's assets and structures.



Surveys

Pre & post commissioning surveys appraise the corrosion activity by testing soil, water and stray current. The service also includes determining the reason or cause of corrosion attack, its prevalence. And also, the remedy for it. The company undertakes various types of surveys such as:

- Soil Resistivity Survey
- Current Requirement/Drainage Survey
- Current Attenuation Test (CAT) Survey
- DCVG survey
- Close Interval Potential (CIPL) Survey
- AC/DC Interference Survey
- On / Off Potential Survey
- Coating Conductance Survey

SCADA & Remote Monitoring System

The Remote Monitoring is configured to monitor all parameters of CP system. It records data on fixed interval basis, activates alarms or signals whenever required. This technology is very useful for Data Storage, monitoring & controlling the parameters of the CP system from Remote locations or Control room etc. It is User Friendly system with monitoring by Data acquisition, generating reports / graphs for analysis purpose. All measurements in trend lines. Measurements and alarms are also stored in SCADA database.



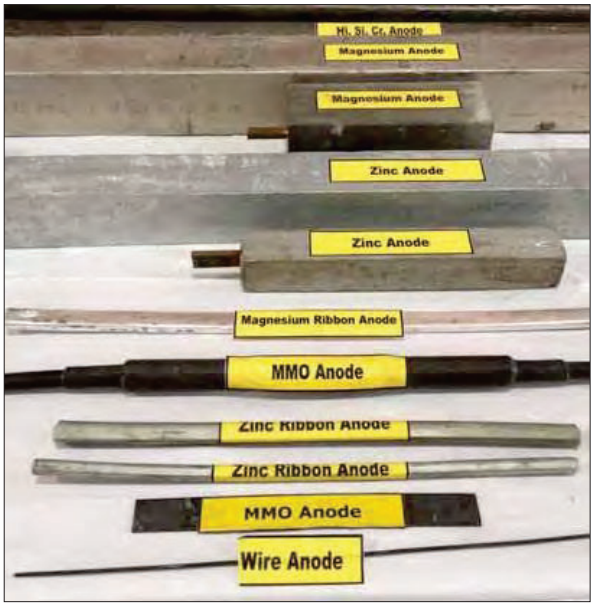
CATHODIC PROTECTION PRODUCT PORTFOLIO

1. TRANSFORMER RECTIFICER UNIT

- Cathodic Protection Transformer Rectifier Unit (CPTR)
- AC operated TR Unit
- DC operated CPPSM (Cathodic Protection Power Supply Module)
- AC and DC operated TR Unit
- Switch Mode Power Supply (SMPS)

Note: Available in Manual / Automatic and Oil / Air cooled type and suitable for hazardous area





2. ANODES

- MMO Tubular / Linear Type Anodes / MMO Wire Anode
- Hi Silicon Chromium Type Anodes
- Sacrificial Type Anodes (Magnesium / Zinc / Aluminum)
- Anodes for Internal CP Application
- Anode Caps
- Magnesium / Zinc Ribbon Anode

3. JUNCTION BOXES

- Anode junction Box
- Cathode Junction Box
- Cathode cum Reference Junction Box
- Test station / Measurement Box
- Anode Distribution Box
- Current Distribution Box





4. MONITORING EQUIPMENT

- Reference Electrodes (Portable / Permanent)
- Data Logger & Remote Monitoring Systems
- Electrical Resistance (ER) Probes
- Computerized Test Station Unit



5. CP CABLES

- Anode lead Cables
- Cathode Drainage cable
- Reference cell cable
- Measurement Cable
- Anode / Cathode header cable
- Multicore Monitoring cable



6. SPECIAL PRODUCT

- Electrolyte Type Polarization cell
- Solid State Decoupler (SSD)
- Surge Diverter



OUR TOOLS AND EQUIPMENTS

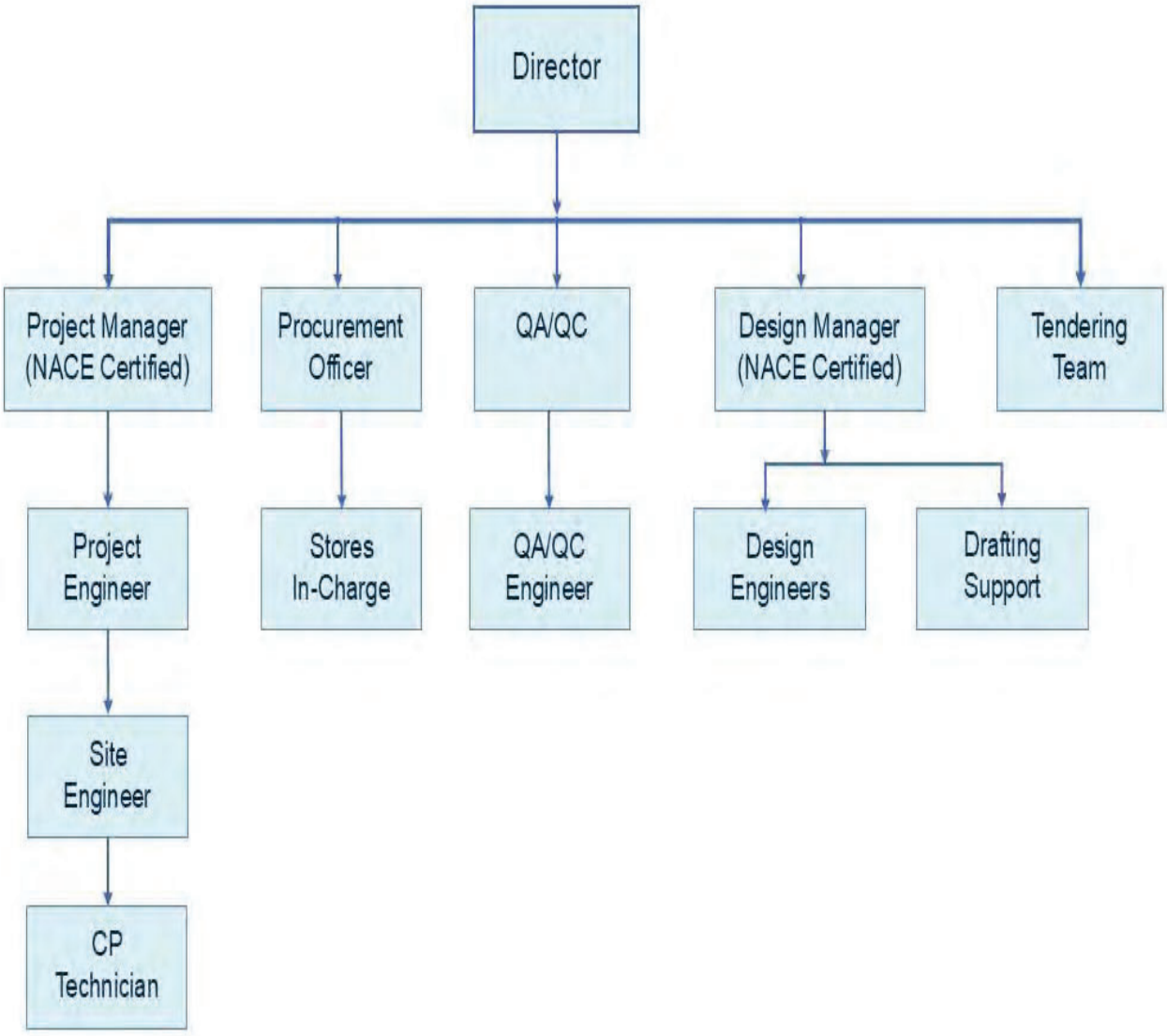
Sr. No.	Name of Equipment	Make	Qty
1	Soil Resistivity Meter	MC-Miller, Kusam Meco	3 Nos.
2	Soil Resistivity Meter	Waco	32 Nos.
3	Pin Brazing Machine	Safe Track, Sweden	4 Nos.
4	Digital Multi Meter	Rishabh, Fluke	74 Nos.
5	Mc-Miller Multimter LC 4.5	Mc-Miller	2 Nos.
6	Digital Clamp Mater	Rishabh, Fluke	35 Nos.
7	Portable Reference Electrodes (Half Cell)	Mc Miller	85 Nos.
8	Digital Insulation Tester	Rishabh, Meco	21 Nos.
9	Holiday Tester	Continental	10 Nos.
10	Insulation Checker (IJ)	MCM	4 Nos.
11	Thermit Moulds	Erico /Thermo Weld	50 Nos.
12	Current Interrupters	Kristron	15 Nos.
13	Close Interval Potential Data logger (CIPL)	Gx-Mc Miller	2 Set
14	Direct Current Voltage Gradient Survey (DCVG)	DCVG	1 Set
15	CAT Survey Instrument	Radiodetection	2 Set
16	Pipeline locator	Radiodetection, Vivex	3 Nos.
17	Correader Pro	Cathtech	3 Nos.



OUR MANPOWER STRENGTH

Sr. No	Description	Nos.	Remarks.
1	NACE CP-3 Certified Engineer	2	10 Years Experience
2	NACE CP-Certified Project Manager	2	10 Years Experience
3	CP Project Engineers – Site	10	5 To 10 Years Experience
4	CP Sr. Technicians	15	5 To 10 Years Experience
5	CP Technicians	35	4 To 5 Years Experience
6	Procurement Officer	1	10 Years Experience
7	QA/QC Engineers	1	8 Years Experience
8	Account, Admin, Drafting and support staff	7	4 - 7 years Experience

Organization Chart



Our Clients















Our End Clients



































End Client Consultants





