

CATHODIC PROTECTION

Training Program



Cathodic protection is a method of reducing or eliminating the corrosion of metals by the application of an electric current. It is a technique that has been known for 160 years, and is extensively applied to offshore pipelines and tank farms, etc with great success. However, despite this long history and broad applicability, it is a technique that is all too often inadequately, or even improperly. Applied; with the result that structures are poorly protected or, worse, adversely interfered with.

This Program is ideally suited to following individuals who are:

- **Fresh University Graduates and like to get the knowledge of Cathodic Protection Standards.**
- **Already working class who are willing to update and learn the new methodologies of Cathodic Protection.**
- **Who want to be good and reputable jobs in the market and are like to enhance their skills in Cathodic Protection and Its Standards.**

Program is offered by: 3D Educators – Trainers & Consultants

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TRAINERS & CONSULTANTS

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CAMPUS II

Suite # 305 Business Center Main Shahrah-e-Faisal, Adjacent PSO Pump Nursery Karachi – 0322-2083032

Program Details

Inauguration

The Training Program will be inaugurated by a senior member of 3DEducators

Program Structure

| | |
|-----------------------------|--------------------|
| Number of classes in a week | Two Class Per Week |
| Duration of each class | 2-Hour |
| Total Duration | 30 Hours |

Other Learning Activities:

| | |
|---------------------------|---|
| Classroom Assignments | 2 |
| Presentations by Trainees | 1 |

TRAINERS & CONSULTANTS

About the Program Designer & Instructor

The “Cathodic Protection” Program has been designed and will be conducted by Certified Consultant and having the vast experience of training and consulting. They have worked with various large Government, National, and multinational organizations in local and abroad.

The Trainers who are conducting this program are have on the position of the following:

- ✓ Project Managers
- ✓ Implementers

They trainers are foreign qualified and having the certification of A.M.I (CORR) S.T – UK MEMBER N.A.C.E – USA.

As Consultant & Senior Trainers the team of trainers from Engineering side we **3D Educators – Trainers & Consultants**

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would not compromise on the faculty.

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Program Syllabus

COURSE OUTLINE:

- ❖ Introduction To Corrosion
- ❖ Cathodic Protection – How It Works
- ❖ Criteria For Cathodic Protection
- ❖ Survey Methods And Evaluation Techniques
- ❖ Instrumentation
- ❖ Impressed Current Cathodic Protection
- ❖ Galvanic Anodes Cathodic Protection
- ❖ Cathodic Protection With Other Power Sources
- ❖ Stray Current Corrosion
- ❖ Construction Practices
- ❖ Maintenance Procedures