

## REFERENCE LIST

### Cathodic Corrosion Protection

#### SEMINARS / LECTURES / TRAINING



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## SEMINARS / LECTURES / TRAINING

## Cathodic Protection

Year	Organisation	Country	Subject	
1976	S.O.C. South Oil Company, Iraq	Germany	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of objects, Material and equipment, Measuring technology	<ul style="list-style-type: none"> <li>• Training-Theory</li> <li>• Training-Practice</li> </ul>
1977	Brega Petroleum Marketing Company, Libya	Germany	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of objects, Material and equipment, Measuring technology	<ul style="list-style-type: none"> <li>• Training-Theory</li> <li>• Training-Practice</li> </ul>
1978	S.O.C. South Oil Company, Iraq	Germany	Measuring technology, Laboratory corrosion tests	<ul style="list-style-type: none"> <li>• Training-Theory</li> <li>• Training-Practice</li> </ul>
1982	C.E.P.A San Salvador	El Salvador	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of offshore structures	<ul style="list-style-type: none"> <li>• Training-Theory</li> <li>• Training-Practice</li> </ul>
1983	K. Lienhard AG Bern	Switzerland	Theoretical and practical use of stray current measures	<ul style="list-style-type: none"> <li>• Lecture</li> </ul>
1985	S.O.C. South Oil Company, Iraq	Iraq Basrah	Material and equipment for corrosion protection	<ul style="list-style-type: none"> <li>• Seminar</li> </ul>
1985	NOC National Oil Corporation Libya	Germany	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of objects, Material and equipment, Measuring technology	<ul style="list-style-type: none"> <li>• Training-Theory</li> <li>• Training-Practice</li> </ul>
1986	KRUPP INDUSTRIETECHNIK Duisburg	Germany	Corrosion process, Cathodic corrosion protection, Protection of industrial plant and offshore structures, Material and equipment for corrosion protection	<ul style="list-style-type: none"> <li>• Seminar</li> </ul>
1986	NOC North Oil Company Iraq	Iraq Kirkuk	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of objects, Material and equipment, Measuring technology	<ul style="list-style-type: none"> <li>• Training-Theory</li> </ul>
1987	Preussag AG Essen	Germany	Cathodic corrosion protection of pipelines	<ul style="list-style-type: none"> <li>• Lecture</li> </ul>
1987	NOC National Oil Corporation Libya	Germany	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of objects, Material and equipment, Measuring technology	<ul style="list-style-type: none"> <li>• Training-Theory</li> <li>• Training-Practice</li> </ul>
1987	SCOP State Company for Oil Projects, Iraq	Germany	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of objects, Material and equipment, Measuring technology	<ul style="list-style-type: none"> <li>• Training-Theory</li> </ul>
1988	NOC National Oil Corporation Libya	Germany	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of objects, Material and equipment, Measuring technology	<ul style="list-style-type: none"> <li>• Training-Theory</li> </ul>
1990	The Organization Comitee State Enterprise for Phosphate	Iraq Baghdad	Localized aqueous corrosion, General aqueous corrosion, Hot corrosion, Atmospheric corrosion, Stress corrosion cracking, Corrosion prevention methods	<ul style="list-style-type: none"> <li>• Lecture</li> </ul>
1990	SCOP State Company for Oil Projects, Iraq	Germany	Close potential survey	<ul style="list-style-type: none"> <li>• Training-Theory</li> <li>• Training-Practice</li> </ul>
1992	Gelsenwasser AG	Germany	Basic of cathodic corrosion protection for buried pipelines	<ul style="list-style-type: none"> <li>• Lecture</li> </ul>
1992	GAZPROM	Germany	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of objects, Material and equipment, Measuring technology	<ul style="list-style-type: none"> <li>• Training-Theory</li> </ul>
1993	GAZPROM	Russia Moscow	Corrosion process, Corrosion protection, Passive corrosion protection, Protection of pipelines and plant areas, Material and equipment for corrosion protection, Measuring technology	<ul style="list-style-type: none"> <li>• Seminar</li> </ul>

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1993	RASCO Libya	Germany	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of objects, Material and equipment, Measuring technology	• Seminar
1994	GAZPROM & VNIEGAS	Germany	Close potential survey	• Training-Theory • Training-Practice
1994	SOC Sirte Oil Company Libya	Libya Marsa El Brega	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of objects, Material and equipment, Measuring technology	• Training-Theory
1994	Brega Petroleum Marketing Company Libya	Libya Tripoli	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of objects, Material and equipment, Measuring technology	• Training-Theory
1995	TAZAMA PIPELINES LTD. Tanzania	Germany	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of objects, Material and equipment, Measuring technology	• Training-Theory • Training-Practice
1995	Mediterranean Petroleum Conference & Exhibition	Libya Tripoli	Corrosion protection of oil- and gas well casings	• Lecture
1995	Czech Gas & Oil Association Workshop 4. Workshop	Czech Republic Prague	Measurements for cathodic protection inside pipeline corridors, High voltage interference on pipelines	• Lecture
1995	GAZPROM	Germany	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of pipelines	• Seminar
1995	Beltransgas, Belarus	Germany	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of pipelines	• Seminar
1996	Brega Petroleum Marketing Company Libya	Germany	Corrosion process, Corrosion protection, Passive corrosion protection, Protection of pipelines and plant areas, Material and equipment for corrosion protection, Measuring technology	• Training-Theory
1996	SCOP State Company for Oil Projects, Iraq	Iraq Baghdad	Close potential survey	• Training-Theory • Training-Practice
1996	SCOP State Company for Oil Projects, Iraq	Iraq Baghdad	New technology and equipment for cathodic protection	• Seminar
1997	Great Man-made River Authority, Libya	Libya Tripoli	Corrosion process, Corrosion protection, Passive corrosion protection, Protection of pipelines and plant areas, Internal protection of water tanks, Current sources, Anode ground beds, Protection of steel in concrete and PCCP	• Seminar
1997	HTG Hafenbautechnische Gesellschaft	Germany	Cathodic corrosion protection for offshore structures	• Lecture
1997	Petroleum Training & Qualifying Institute Training Centre	Libya Tripoli	Replaceable deep anode groundbeds, High voltage interference on pipelines, New technology and equipment for cathodic protection	• Seminar
1997	Daqing Petroleum Administrative Bureau	China Daqing	Corrosion protection of pipelines and well casings	• Lecture

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1997	SOC Sirte Oil Company Libya	Germany	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of objects, Material and equipment, Measuring technology	<ul style="list-style-type: none"> <li>• Training-Theory</li> <li>• Training-Practice</li> </ul>
1998	STATOIL Norway	Germany	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of objects, Material and equipment, Measuring technology, High voltage interference on pipelines	<ul style="list-style-type: none"> <li>• Training-Theory</li> </ul>
1998	Czech Gas & Oil Association Workshop 7. Workshop	Czech Republic Prague	High voltage interference on pipelines, Remote monitoring and control of cathodic protection systems	<ul style="list-style-type: none"> <li>• Lecture</li> </ul>
1998	ROMGAZ-R.A. Romania	Germany	Corrosion process, Corrosion protection, Passive corrosion protection, Protection of pipelines and plant areas, Material and equipment for corrosion protection, Measuring technology	<ul style="list-style-type: none"> <li>• Training-Theory</li> </ul>
1999	Schuck Armaturen GmbH	Hungaria Budapest	High voltage interference on pipelines	<ul style="list-style-type: none"> <li>• Lecture</li> </ul>
1999	Krupp Uhde GmbH	Germany	Corrosion process, Passive corrosion protection, Cathodic corrosion protection, Protection of plant areas, Protection of steel rebars in concrete	<ul style="list-style-type: none"> <li>• Lecture</li> </ul>
2002	International Research and Development Centre Corrosion Conference 2002	Libya	Cathodic corrosion protection of Tanks, Offshore structures, Well casings, Steel reinforcement in concrete, Prestressed steel concrete pipes, Measurements	<ul style="list-style-type: none"> <li>• Lecture</li> </ul>
2002	ARABIAN OIL COMPANY Kuwait	Germany	Corrosion process, Corrosion protection, Passive corrosion protection, Protection of pipelines and plant areas, Material and equipment for corrosion protection, Measuring technology	<ul style="list-style-type: none"> <li>• Training</li> </ul>
2003	SPPC Sudanese Petroleum Operating Company	Germany	Corrosion process, Corrosion protection, Passive corrosion protection, Protection of pipelines and plant areas, Material and equipment for corrosion protection, Measuring technology	<ul style="list-style-type: none"> <li>• Seminar</li> </ul>
2004	GNPOC Greater Nile Petroleum Operating Company Sudan	Germany	Corrosion process, Corrosion protection, Passive corrosion protection, Protection of pipelines and plant areas, Material and equipment for corrosion protection, Measuring technology	<ul style="list-style-type: none"> <li>• Seminar</li> </ul>
2004	SOC Sirte Oil Company, Libya	Germany	Engineering of cathodic corrosion protection, Measuring technology	<ul style="list-style-type: none"> <li>• Training-Theory</li> </ul>
2009	Petrodar Operating Co. Sudan	Germany	Corrosion process, Corrosion protection, Passive corrosion protection, Protection of pipelines and plant areas, Material and equipment for corrosion protection, Measuring technology	<ul style="list-style-type: none"> <li>• Seminar</li> </ul>
2008	STG-Engineering, Russia Sonatrach, Algeria	Germany	Corrosion process, Corrosion protection, Passive corrosion protection, Protection of pipelines and plant areas, Material and equipment for corrosion protection, Measuring technology	<ul style="list-style-type: none"> <li>• Seminar</li> <li>• Training</li> </ul>
2011	Latvijas Gāze Latvia	Germany	Remote monitoring and control, High voltage interference	<ul style="list-style-type: none"> <li>• Seminar</li> </ul>

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2011	CHEMSERVICE Russia	Germany	Corrosion process, Corrosion protection, Passive corrosion protection, Protection of pipelines and plant areas, Material and equipment for corrosion protection, Measuring technology
2023	Ras Lanuf Oil & Gas Processing Company	Libya	Corrosion process, Principles of CP, CP measuring technology

- Seminar
- Seminar
- Training