MECHANICAL ERECTION AND CONSTRUCTION COMPANY

GENERAL WORKS | HEALTH & SAFETY | MECHANICAL | CIVIL | TELECOM TOWERS | STACK REHABILITATION | CLADDING & INSULATION | RIGGING

PERFORMANCE | SERVICES | TEAMWORK

IT'S ALL ABOUT PEOPLE

Table of Contents

- Scaffolding
- Manpower Supply

Services

- Corrosion Prevention
  - Surface Preparation and Blasting
  - Coatting Application
  - Hot Dip Galvanizing
- Stack Rehabilitation
- Telecom Towers

Completed Works

- General Works
- Health and Safety
- Mechanical
- Civil
- Telecom Towers
- Stack Rehabilitation
- Cladding and Insulation
- Rigging

Approved Contractor Of

List of Tower Completed Works (2008-2016)

List of Civil Completed Works (2008-2016)

List of Mechanical Completed Works (2008-2016)

Introduction

Mechanical Erection and Construction Company is an engineering services organization, operating in Pakistan. We are in the business of delivering client specific solutions for Projects related to energy, power, oil and gas and telecom sectors.

The company is renowned for its Quality, Safety and On-time delivery of projects. The unique strength of our organization enables us to provide multiple trade services solutions in Engieering, Procurement and Construction.

About Us

Established in 1972, in Karachi, Pakistan we provide engineering services to power, energy, oil and gas, chemical, cement and infrastructure in Pakistan. Our head office is located in Karachi with its regional offices in Lahore, Islamabad.

General contracting is our core activity with projects executed for Multinationals, Government sectors, and EPC companies. All operations have compliance with ASME certifications, BSI, DIN in addition to HSE and QMS standards.

Health and Safety Policy Statement

MECC maintains health and safety as core value and provides support to H&S matters as they relate to our business activities. Our vision is to create an incident free environment. MECC commits to achieve the best possible health and safety performance and in order to achieve this standard and seek continuous improvement we will:

1. Promote health and safety competence, communication, culture and awareness among employees through trainings.

2. Constantly improve the general safety throughout the course of work i.e., proper supervision when working, all equipment in good condition, used safely, keeping the site of work clean and tidy and making attendance record on site every shift.

3. Continually improve health and safety standards by implementing actions resulting from health and safety performance review, risk assessments, findings, accidents/incidents investigation.

4. Proper supervision to high risk activities such as working at heights, working in confined spaces, hot work and more.

5. Minimize the safety violations and taking record of all accidents/incidents and more.

6. Investigation and reporting of health and safety performance through established system in open and honest manner.

Environmental Policy Statement

The policy establishes the company's policy concerning the protection of the environment with respect to the company's business activities and operations. Our vision is to conduct business with no adverse environmental effect.

MECC commits to achieve the best possible environment around the system and in order to achieve this standard and continuous improvement we will:

1. Promote health safety and environment competence, communication, culture and awareness among employees through trainings.

2. Continually improve environmental standards by implementing actions resulting from health and safety performance review, risk assessments, findings, accidents/incidents investigation.

3. Minimize the environmental violations and taking record of all accidents/incidents etc.

4. Investigation and reporting of environment performance through established system in open and honest manner.

5. Make a habit of good house keeping during the course of work.

Quality Policy Statement

We MECC are committed wherever we operate to:

1. Meeting our internal and external customer requirementson Quality, deliver right first time, assure the performanceof our products and services & satisfy our stakeholders.

2. Meeting all applicable Legal and Regulatory requirements.

3. Continually improving the effectiveness of our Quality Management Systems.

4. Promoting, responsiveness, dependability and competence of our employees.

5. Strengthening effectiveness and use of internal processes,quality methods and tools.

6. Integrating Quality, Environmental, Health & Safety in all processes.

7. Periodically reviewing this policy so that it remainsrelevant and communicating it to all concerns

Safety Procedures and Guidelines

Objectives

The purpose of these safety procedures and guidelines is to promote safety of employees by setting out the general requirements when working at sites and general requirements to avoid danger from specific hazards. These hazards are not considered exhaustive but are those frequently met and form common causes of accidents. Whatever maybe the pressure of speedy completion of the work proper attention to the safety of the persons must at all times be ensured.

Responsibilities

A few qualified and trained safety officers/supervisors to be responsible for the safety to the own and sub contractor employees being fully met and the best practices are pursued for ensuring safe working. MECC has got own safety policy i.e. an explanation of manner by which the company would put their own and operator's safety policy into effect during the execution of contract.

General Safety

The arrangement of safety inductions, safety briefings, toolbox talks, trainings along with record keeping, finding and discussing potential hazards and precautionary measures established on the site. Every worker shall be at all times under proper supervision when working on site. All equipment brought to the site must be in good condition. Personal protective equipment and clothing must be provided and checked. The working area must be clean and tidy and all the obstructions should be cleared. Suitable precautions must be taken so as not to pollute the atmosphere, ground and waters.

Works on Roofs

Materials shall be prevented from falling and notices, warning of overhead work displayed at ground level when appropriate. The area can be barricaded where required.

Floors

Substantial secure barriers must be erected around any hole. Warning notices must be posted by day, and suitable light sources displayed during the hours of darkness.

Excavations

All the excavations should be done by the permission of concerned engineer, the permission should be obtained and supervisor should read all the drawings for underneath cables or piping.

Scaffolding and Safe Access

MECC strongly discourage working on ladders, heights without railing etc. scaffolding is mandatory when working over heights of 1 meter. After the scaffolding erected it should be checked and tagged by inspector. Planks, pipes and joints must be inspected before scaffolding erection. Full body safety harness with shock absorber is used all the time during the erection of scaffolding.

Lifting Tackles, Machines and Hoists

Only properly tested and marked machines should be used. The equipment must be clearly marked to indicate its safe working load SWL. If there is any doubt about work then it should not be lifted until weight is confirmed. No modifications in lifting equipment allowed after testing and tagging. Whenever the lifting operation is in progress the areas immediately below and adjacent should be barricaded. Only trained person to carry out the work should be present. Wear helmets all the time.

Barriers, Guards, Screens & Notices

Wherever barriers, guards and screens are erected, suitable notices shall be displayed to identify the hazard within the restricted area. Proper supervision must be done during the course of work.

Hot Works and Welding

The workplace must be kept clear from flammable materials. The arrangement of fire extinguishers and fire blankets for the use of welding and hot work workers.

Confined Space

A Lookout man with time in and time out sheet, whistles and potable torches must be present on each confined space. The safety documents or work permit to be received with chemist report from operator. Low voltage lighting must be used inside confined spaces

Electrical equipment

Portable tools, cables and electrical apparatus must be tested and tagged by Senior Electrician. All cables, wires and conductors must be checked for insulation. Tagging stickers and tags must be pasted on power tools. Do not use tags must be pasted on damaged electrical tools.

Trainings

Wherever barriers, guards and screens are erected, suitable notices shall be displayed to identify the hazard within the restricted area. Proper supervision must be done during the course of work.

We support our workers with number of different trainings such as:

1. Passport to Safety
2. Fire Fighting
3. First Aid
4. Basic Rigging
5. Safe Driving
6. Electrical
7. Hot Work
8. Working on Heights
9. Lookout man
10. General Safety

Awards and Recognition

1. Winners of HSE awards on number of occasions in recent years.

2. Safe contractors of the year in 2002, 2005, 2006, 2010 and 2012 awarded by International Power UK at Hub Powerstation, Balochistan.

3. The company follows ROSPA standards with maintaining an incident free environment.

4. Completed a high-risk job, working on height. Reconstruction, refurbishment and rehabilitation of Stack 200 meters with Bailey Steeplejacks UK and received recognition to perform the Stack jobs from UK firm.

5. Announcing safe workers award every year to generate motivation among workforce.

Construction

Complete general contracting services integrating civil, mechanical, electrical and instrumentation disciplines, are core strength. Over the years, we have invested in acquiring a large asset base of construction equipment.

More than four decades of construction experience, MECC is recognized as one of the prominent construction firms operating in Pakistan. The breadth of our involvement ranges from modest facility expansions to large grassroots projects.

Our construction capabilities encompass erection of telecom towers, piling, concrete foundations of telecom towers and monopoles, upgrades of operating facilities, reconstruction of chimneys, civil constructions. Our structural, civil, mechanical, and electrical departments are capable of taking wide variety of installation, testing and commissioning for all industry sectors that we serve.

Civil Construction

We are adept in handling heavy civil works industry and infrastructure projects. The civil team has a proven track record in completing fast track projects consisting of industrial plants and infrastructure development.

Mechanical Construction

MECC provides mechanical construction services for grass root projects as well as for expansion/revamping of existing facilities comprising of erection of equipment including rigging, piping, pipe racks, steel structures, tanks, painting, insulation, testing and commissioning.

Maintenance

MECC is renowned for delivering highly competitive plant maintenance services to number of clients. A specialized team is geared to undertake shutdowns, turnarounds, debottlenecking projects and emergency works.

Outages/Turn Arounds/Shut Downs

We have repeatedly demonstrated our ability to mobilize expeditiously for the most demanding turnaround and shutdown projects. A large resource base of manpower and equipment allows us to execute challenging projects in a live plant environment.

Commissioning

MECC routinely assists its clients with commissioning and start-up activities. Typical services include generation of check-lists, development and compilation of pre-commissioning procedures, and test-runs prior to start-up.

Rigging

Heavy lifts and rigging expertise is based on a demonstrated track record and an extensive fleet of cranes. A dedicated unit acquires, allocates and maintains cranes and allied lifting equipment. For each lift, a rigging study is prepared and equipment selected according to the optimum solution. For projects requiring heavy lifts this capability strength can be the critical factor in successful execution.

Skillful use of long boom and short boom cranes, monorails and chain blocks is made by our dexterous an expert team of riggers and indeed, we do the job in compliance with the stringent HSE standards.

Scaffolding

MECC has a team of very skilled and experienced Scaffolders; that provide access to heights, depths, inside confined spaces, ducts, tanks. All the scaffoldings are erected on standards as per requirements, inspected and tagged by Senior Supervisor. Safe access to work is a

Manpower Supply

MECC is known for a smart workforce and manpower doing outages and shutdowns with manpower supply to Bin Qasim Thermal Power Station 1 and 2, Korangi Power Station, Korangi Gas Turbine, Site Gas Turbine, Hub Power Station, and few fertilizer plants in the

Services

Corrosion Prevention

The most common failures in the industry are corrosion failures. MECC has qualified, certified and experienced engineers to dealIndustrial Corrosion. The standards followed are NACE, SSPC and ISO while providing solutions to Industry.MECC consists a team of NACE qualified coating inspectors Level 1 and Level 2.

Surface Preparation and Blasting

Grit, shots and abrasive blasting is used to prepare surface before applying coating, the standards are given by manufacturersWhite metal blast cleaning, near white metal blast cleaning are the two main methods used extensively for surface preparationIf required by manufacturer power brush cleaning to metal can be done.

Coating Application

Applications can be done in number of ways from brush, roller to spray paintings as per specificationsAirless spraying is the quickest and effective method used for coating application in industry. MECC is equipped with all kinds of spray painting techniques.

Hot Dip Galvanizing

Hot dip galvanizing or alloying is the method widely used in industry for Corrosion Prevention. MECC owns the biggest hot dip galvanizing plant in the country, zinc baths of thirty feet. British Standard is used to hot dip galvanize the mild steel with dry film thickness from 90 to 120 microns.

Stack Rehabilitation

Reconstruction, rehabilitation and refurbishment of stacks consist of number of mechanical, fabrication, welding, insulation and cladding jobs with working at height.

The activities are high risk involve working at heights. Steeplejack is the trade used to provide services on Stack/ Chimney jobs. MECC is recognized as Stack contractors and have completed number of jobs on 200 meters stack on different elevations.

Worked with International firm Bailey Steeplejacks of UK and have achieved trainings and credentials from UK firm.

The jobs include:

1. Internal inspection (wire rope)
2. External inspection (wire rope)
3. Gas tightening of shell with plates, fabrication and seal welds on hanging platform
4. Fabrication, rigging, welding, insulation & cladding jobs on hanging platform
5. HP jet wash
6. Karcher wash
7. Modifications as per specifications
8. Manholes fabrication
9. NDT

Telecom Towers

MECC is a pioneer company in the field of Telecom Towers. The company has a huge portfolio and expertise in the field of complete tower jobs such as design, fabrication, galvanizing, painting, installations and commissioning.

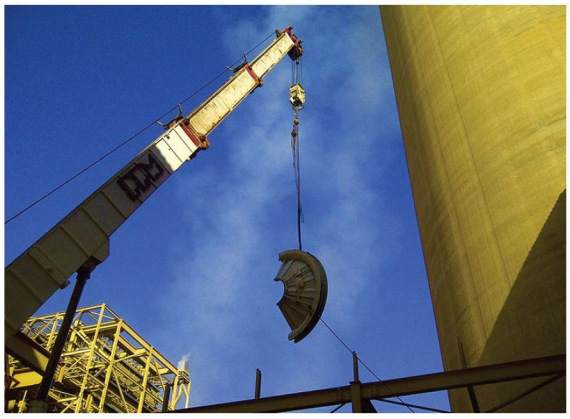
The highest and heaviest structure installed in Pakistan is 850 feet at Lawrencepur. The telecom towers have been installed all over the country. From remote areas such as Khuzdar, Uthal, Lasbela, Gharo, Dera Bugti, Loralai, Muzzafarabad, Dheer Kot, Rawlakot, Naudero, Lakhi, Hala, Jahanian, to urban areas of Azad Kashmir, Balochistan, Sindh, Punjab and Karachi etc.

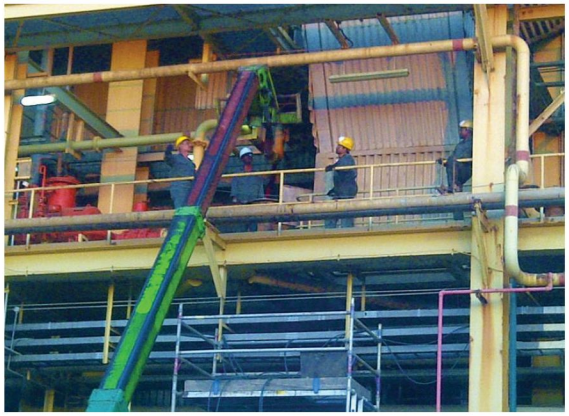
Completed Works

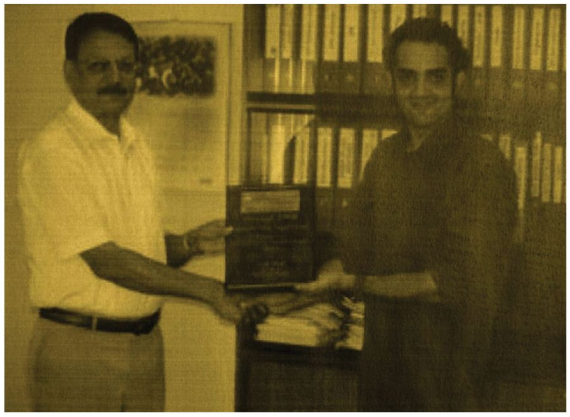
General Works

Complete general contracting services integrating civil, mechanical, electrical and instrumentation disciplines, are core strength. Over the years, we have invested in acquiring a large asset base of construction equipment.

More than four decades of construction experience, MECC is recognized as one of the prominent construction firms operating in Pakistan. The breadth of our involvement ranges from modest facility expansions to large grassroots projects.





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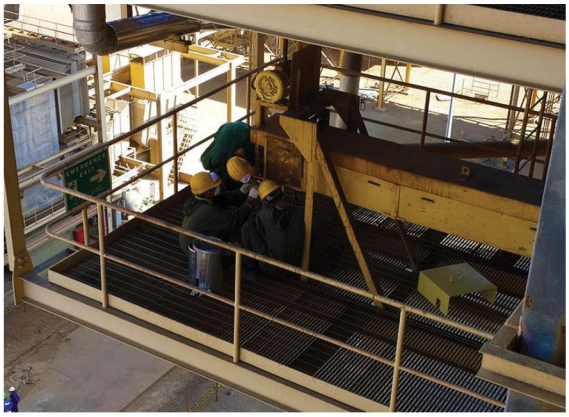


Completed Works

Health and Safety

MECC maintains Health & Safety as a core value and provides support on Health & Safety matters as they relate to our business activities.

Our vision is to create an incident free environment, with no adverse environmental impact.

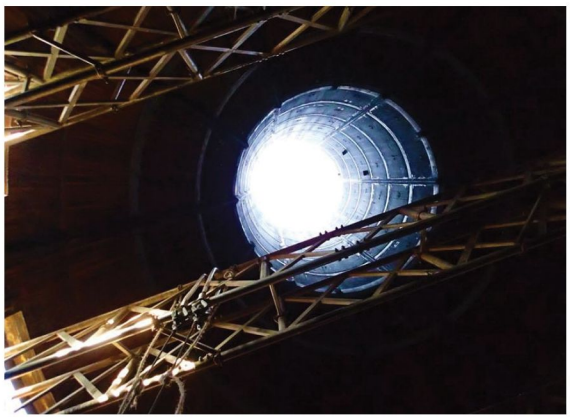
MECC has won Health & Safety awards on number of occasions and recognized as Safe contractor on different sites.

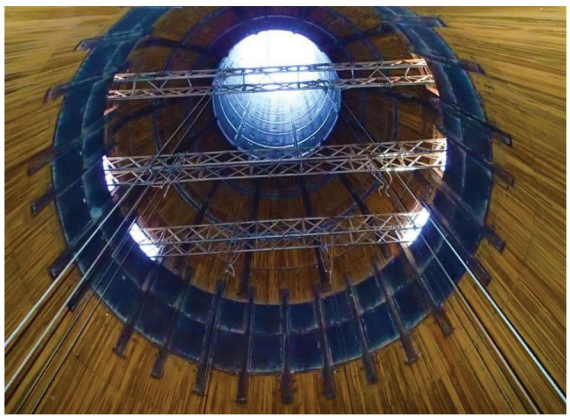
Completed Works

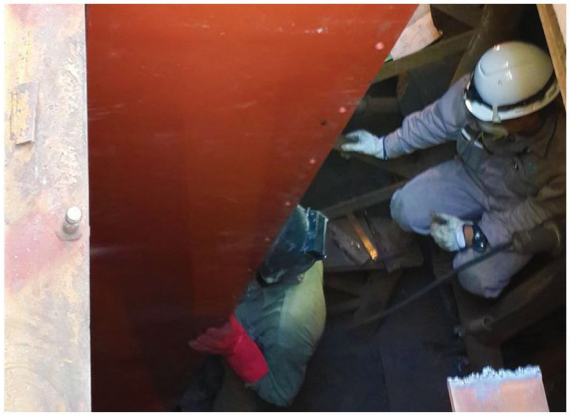
Mechanical

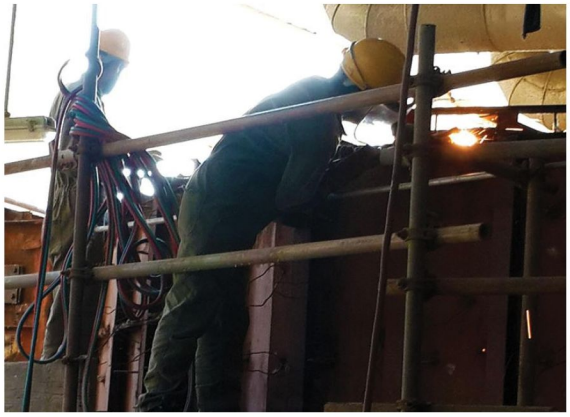
MECC provides mechanical construction services for grass root projects as well as for expansion / revamping of existing facilities.

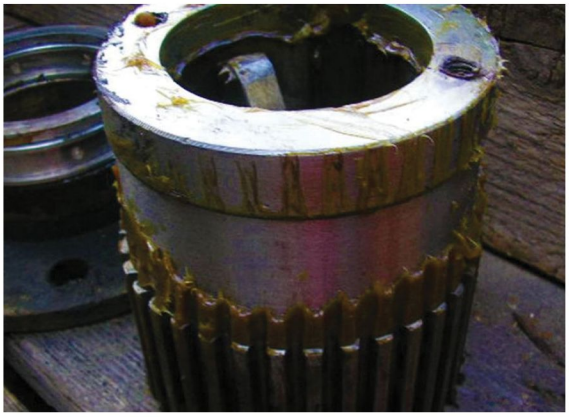
This comprises of erection of equipment including rigging, piping, re-tubing, retrofit projects, pipe racks, steel structures, tanks, overhauling, maintenance works, painting, insulation, testing and commissioning.









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Completed Works

Civil

We are adept in handling heavy civil works and infrastructure projects.

The civil team has a proven track record in completing fast track projects consisting of industrial plants and infrastructure development.

Completed Works

Telecom Towers

MECC is a pioneer company in the field of Telecom Towers. The company has a huge portfolio and expertise in the field of complete tower jobs such as design, fabrication, galvanizing, painting, installations and commissioning.Biggest hot dip galvanizing setup in the country with surface preparation facilities.

The highest and heaviest structure installed in Pakistan is 850 feet and 400 tons at Lawrencepur.

Erection of 100 feet to 500 feet towers with civil foundation in different areas of Pakistan.

Completed Works

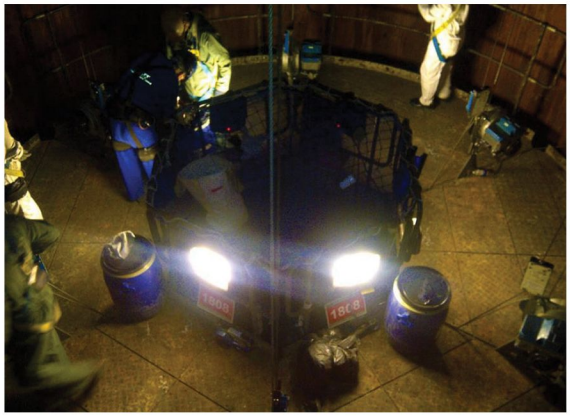
Stack Rehabilitation

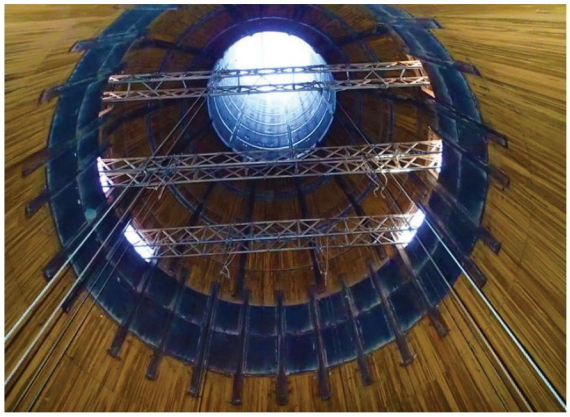
Reconstruction, rehabilitation and refurbishment of stacks consist of miscellaneous jobs such as mechanical, fabrication, welding, rigging, scaffolding, insulation and cladding jobs with working at height.

The activities are high risk involve working at heights. Steeplejack is the trade used to provide services on Stack/ Chimney jobs. MECC is recognized as Stack contractors and have completed number of jobs on 200 meters stack on different elevations at Hub Power Station.

Worked with International firm Bailey Steeplejacks of UK and have achieved trainings and credentials from UK firm.

Recognized by world class Stack contractors Bailey Steeplejacks of UK to work on heights, and perform Chimney jobs.

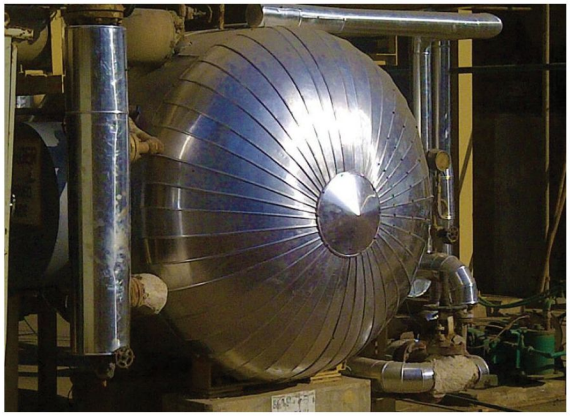




Completed Works

Cladding and Insulation

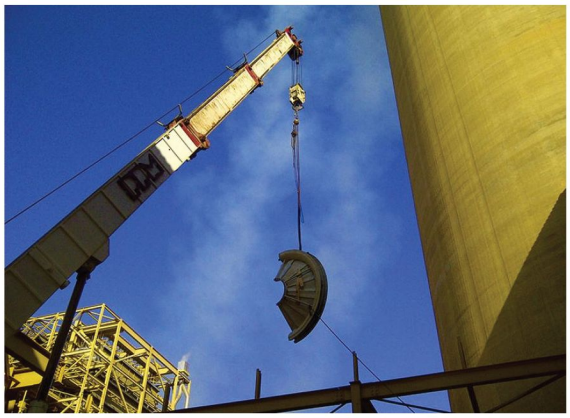
MECC has a crafty and skilled team to replace, repair and install industrial insulation and cladding. Thousands of square feet of insulation and cladding jobs has been completed in different industries such as power plants, refineries and fertilizers etc.

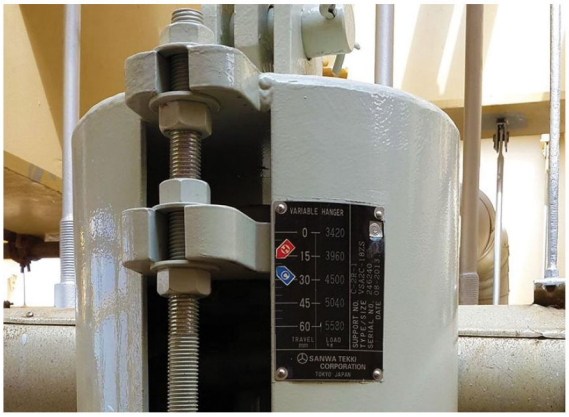


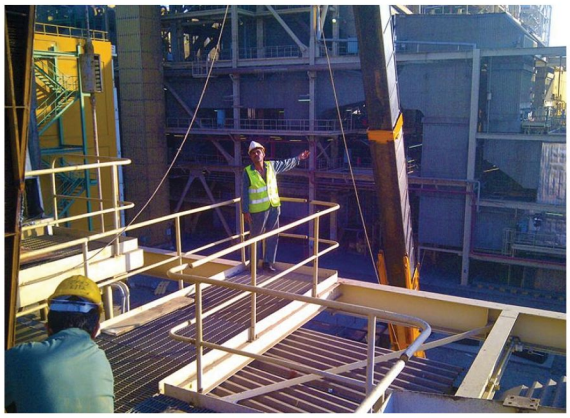
Completed Works

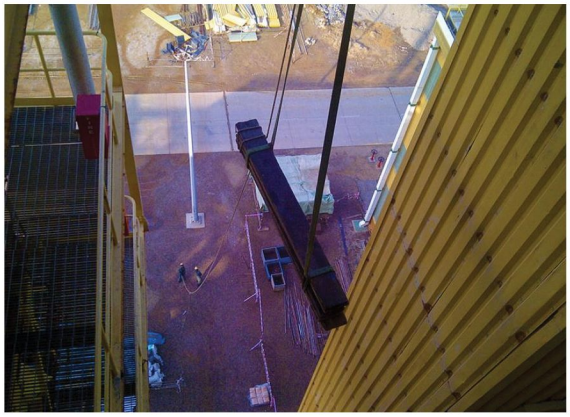
Rigging

MECC has a very expert rigging team to operate cranes, hoists, winches, chain blocks, monorails, vertical and horizontal shifting of heavy equipment.









Approved Contractor Of

1. Pakistan National Shipping Corporation
2. Karachi Fisheries
3. Karachi Port Trust
4. Fauji Fertillizer Bin Qasim Company Limted
5. Sui Southern Gas Company Limited
6. Port Qasim Authority
7. Pak Arab Refinery Limited
8. Pak Saudi Fertilizer Company Limted
9. K Electric
10. Civil Aviation Authority
11. Thatta Cement Company Limited
12. Pakistan Petroleum Limited
13. FFC_Jordon Fertilizer Company Jara Wala Faisalabad
14. Hub Power Company Limited
15. WAPDA
16. Javedan Cement Limited
17. NED University of Engineering & Technology
18. Liquid Petroleum Gas PVT.
19. BYCO Terminal Pakistan Limited
20. Karachi University

List of Tower Completed Works (2008 -2016)

S. No	Job	P.O. Number / Dated	Client	Completed
1	Repair and Painting antenna Towers at Bela Grid station, F.B Grid, Gharo Grid Station & Uthal Grid Station.	7500000999 24th April, 2009 LPO/FIP/423/09/202	KESC	Jul-09
2	Repair and Painting antenna Towers at 14 Different Sites.	7500002282 19th Oct, 2009	KESC	Dec-09
3	Construction, Fabrication Erection & Installation of 150' High Self Supported TV Tower at RBS ZIARAT (BALOCHISTAN).	ENG/INST/C-76/299 Dated 20th Sep, 2006	PTV	2009
4	Construction, Fabrication Erection & Installation of 150' High Self Supported TV Tower at RBS RAWALAKOT (AJK).	ENG/INST/C-78/764 Dated 20th Sep, 2006	PTV	2009
5	Construction, Fabrication Erection & Installation of 150' High Self Supported TV Tower at RBS NEELABUT(AJK).	ENG/INST/C-92/299 Dated 20th Sep, 2006	PTV	2009
6	Repair and painting of antenna towers at 14 different sites.	LPO/PP/469/09/511 19th Oct, 2009	KESC	2009
7	Painting of 220 KV and 132 KV Towers & Gantries.	LPO/PP/532/10/526 PR No 7500005226 7th July, 2010	KESC	2010
8	Construction, Fabrication Erection & Installation of 300' High Self Supported TV Tower at RBS MAILSI.	ENG/RBS/MAILSI/Tower /08/3002 24th July, 2009	PTV	2010
9	Painting of Microwave Towers, Radio Rooms & Generator Rooms 10 different Site.	4700001026 15-11-2010	PARCO	2011
10	Construction, Fabrication Erection & Installation of 150' High Self Supported TV Tower at RBS MIRPUR (AJK).	ENG/INST/C-90/293 Dated 3rd Feb, 2011	PTV	2011
11	Construction, Fabrication Erection & Installation of 150' High Self Supported TV Tower at RBS BHIMBER (AJK).	ENG/INST/C-89/298 Dated 14th Feb, 2007	PTV	2011
12	Painting of Microwave Towers, Radio Rooms & Generator Rooms at MW-15 And MW-16.	4700002708 Dated 22-10-2013	PARCO	2013
13	Painting of Microwave Towers, Radio Rooms & Generator Rooms at MW-09, MW-12 And MW-13.	4700002709 Dated 22-10-2013	PARCO	2013
14	Maintenance of 230 feet SS Tower at Elander Road Power House	7500019441 7th Feb, 2014	KESC	2014
15	Painting of Microwave Tower, Radio Room and Generator Room at MW05, MW02 (GOTH TAJ),TS-1 (KEMARI)	4700002856 4/4/2014	PARCO	2014
16	Painting of Microwave Tower, Radio Room and Generator Room at MW05, MW06, MW07, MW08 & MW09	4700003854 5/10/2015	PARCO	2015
17	Painting of Microwave Tower, Radio Room and Generator Room at MW05, MW-14 and MW-17	4700003856 9/10/2015	PARCO	2015

List of Civil Completed Works (2008 -2016)

S. No	Job	P.O. Number / Dated	Client	Completed
1	Improvement of Access Road at Township Water Treatment Plant	OM-3566 1/9/2008	IPR	2008
2	Construction of New Kitchen, Supply/Fixing of Aluminum Windows and Marble Flooring for Boys Hostel at H.E.J, Research Institute of Chemistry, Karachi	CE/BH/001 19th March, 2008	ICCS	2008
3	Renovation works of State Life Buildings No. 1, Karachi	6-Mar-08	SLICP	2008
4	Construction of Lift Shaft at Administration Block at NED University	PD(M-1)/NED/5047 7th Oct, 2008	NED	2009
5	Over Head Structure Painting of Transmission Gas Pipeline KT SMS-1	SSGC/SC/3523	SSGC	2010
6	Renovation / construction of KESC Shed (Ground Floor) at Elander Road Complex.	KESC/PP/Civil-408/10 Dated 3rd Dec, 2010	KESC	2010
7	Renovation /Construction of KESC Meter Testing (Old) Building (Ground + 3 Floors).	KESC/PP/Civil-407/10 Dated 3rd Dec, 2010	KESC	2011
8	Construction of workshop for services department at NED University Karachi.	PD(M-III)/NED/5693/11 20-12-2011	NED	2012
9	Pressure parts Super Heater & Re Heater of Boiler at QPS-1	7500006843 8/12/2010 FPO/G/5342/10/BQPS	KESC	2011
10	Construction of Electrical Sub -Station at NED University	PD (M-III)/NED/Power/ Sub-Stations/26/12 Dated 2-4-2013	NED	2013
11	Construction of wind Barriers walls at Deluge at HUB Power Station.	OM-45682 11th Oct, 20136	IPR	2013
12	Hangers/Snubbers Replacement of Boiler No. 2 at HUB Power Station.	OM-44470 15th May, 2013	IPR	2013
13	Establishment of customer care area at Goll Market Naizmabad		KESC	2013
14	Establishment of customer care area at Civic Centre Korangi		KESC	2013
15	Construction of Wind Barrier Wall 6 BCT at HUBCO	OM-47134	IPR	2014
16	Construction of Watch Tower at HUBCO	OM-44571	IPR	2014
17	Construction of Wind Barrier Wall at HUBCO	OM-45682	IPR	2014
18	Cathodic Protection Panel Room at HUBCO	OM-46461	IPR	2014

List of Mechanical Completed Works (2008 -2016)

S. No	Job	P.O. Number / Dated	Client	Completed
1	Re-galvanizing of Gratings and other steel method hot dip galvanizing at HUBCO Power Plant.	OM-3610 2 FEB, 2009	IPR	2009
2	Annual Inspection Boiler Unit # 1,2 3 & 4 Insulation, Cladding , Misc Mechanical Repair & Maintenance.	OM-1935	IPR	2010
3	Dismantling Fabrication Installation Blasting & painting of Boiler 4 Chequered Floor Plates at HUB Power Station.	OM-3606 28th Jan 2010	IPR	2010
4	Annual Inspection Boiler Unit # 1,2 3 & 4 Insulation, Misc Mechanical Repair & Maintenance.	OM-1935	IPR	2011
5	Repainting of Gis Duct & Support Structure & Removel & Refixing of Nuts, Bolts & washer of support structure of U#2.	OM-38495 19 th Sep 2011	IPR	2011
6	Internal Washing of RFO Tank No. 4 at HUB Power Station	OM-37238 12th April 2011	IPR	2011
7	Boiler duct and Bellows inspection and repairing work at unit No. 1. BQPTS	7500006328 5th Nov, 2010 FPO/G/5212/10/BQPS	KESC	2011
8	Services of steam coil air heater dismantling washing and assembling work at unit no.1 BQPS-1.	7500010237 DATED 04 -11- 2011	KESC	2011
9	Pressure parts Super Heater & Re Heater of Boiler at BQPS-1	7500006843 8/12/2010 FPO/G/5342/10/BQPS	KESC	2011
10	Services for Unit No. 6 water Washing of Boiler Pressure parts Super Heater & Re Heater of Boiler at BQPS-1	7500011117 29/12/2011	KESC	2011
11	Annual Inspection Boiler Unit # 1,2 3 & 4 Insulation, Cladding , Misc Mechanical Repair & Maintenance.	OM-1935	IPR	2012
12	Stack Steel Structure Repair & Reconstruction Unit no. 1 at HUB Power Station.	OM-42007 29th June, 2012	IPR	2012
13	Boiler duct and Bellows inspection and repairing work at unit No. 3. BQPTS	7500010395 14 Nov, 2011 FG5893/11BQ	KESC	2012
14	Services for Unit No. 1 water Washing of Boiler Pressure parts Super Heater & Re Heater of Boiler at BQPS-1	7500010234 4/11/2011	KESC	2012
15	Services for Unit No. 2 water Washing of Boiler Pressure parts Super Heater & Re Heater of Boiler at BQPS-1	7500015118 11/12/2012	KESC	2012
16	Services of steam coil air heater dismantling washing and assembling work at unit no.2 BQPS-1.	7500011250 Dated 12th Jan 2012 F/G/5919/11/BQ	KESC	2012
17	Services for Unit No. 1 water Washing of Boiler Pressure parts, Super Heater & Re Heater of Boiler at BQPS-1	7500010234 4/11/2011	KESC	2012

S. No	Job	P.O. Number / Dated	Client	Completed
18	Services for Unit No. 2 water Washing of Boiler Pressure parts, Super Heater & Re Heater of Boiler at BQPS-1	7500015118 11/12/2012	KESC	2012
19	Services of steam coil air heater dismantling washing and assembling work at unit no.6 BQPS-1.	7500011252 Dated 12th Jan 2012 F/G/5797/11/BQ	KESC	2012
20	Services of steam coil air heater dismantling washing and assembling work at unit no.5 BQPS-1.	7500014765 15th Nov 2012	KESC	2012
21	Services for Unit No. 2 water Washing of Boiler Pressure parts Super Heater & Re Heater of Boiler at BQPS-1	7500015118 11/12/2012	KESC	2012
22	Annual Inspection Boiler Unit # 1,2 3 & 4 Insulation, Cladding , Misc Mechanical Repair & Maintenance.	OM-1935	IPR	2013
23	services of steam coil air heater dismantling washing and assembling work at unit no.6 BQPS-1.	7500014766	KESC	2013
24	Epoxy paint for main start-up auxiliary transformers and insulated phase bus ducts at unit no 5 and 6 at BQPS-1	7500016195 DATED 20 -03- 2013	KESC	Apr-13
25	Refurbishment of oil distribution & storage scheme at TSW	7500016425 Dated 5th April 2013 REF NO.LPO/PP/66/2013	KESC	2013
26	Fabrication & Replacement of FDF-SAH Duct Portion on Boiler No. 4 at HUB Power Station.	OM-45188 5th August, 2013	IPR	2013
27	Hangers/Snubbers Replacement of Boiler No. 4 at HUB Power Station.	OM-45800 20th Sep, 2013	IPR	2013
28	Replacement of GAH rotor shell plates and radial Plates at HUB Power Station.	OM-1935 30th Oct, 2013	IPR	2013
29	Replacement of GAH Sliding Supports at HUB Power Station.	OM-1935 30th Oct, 2013	IPR	2013
30	Replacement of GAH Pin Rack Segments per side at HUB Power Station.	OM-1935 30th Oct, 2013	IPR	2013
31	Hangers/Snubbers Replacement of Boiler No. 2 at HUB Power Station.	OM-44470 15th May, 2013	IPR	2013
32	Annual Inspection Boiler Unit # 2 Insulation, Cladding , Misc Mechanical Repair & Maintenance.	OM-1935	IPR	2014
33	U2 R/H FSH Panels Replacement and Target Tube Replacement Project .	47784	IPR	2014
34	Boiler Performance Tests 2014 Unit # 1, Sampling Flanges at Hub Power Station	28166	IPR	2014

S. No	Job	P.O. Number / Dated	Client	Completed
36	Fabrication & Replacement of FDF-SAH Duct Portion on Boiler Unit # 1 at Hub Power Station	OM-48295	IPR	2014
37	Boiler Performance Tests 2014 Unit # 3, Sampling Flanges ECO Outlet Section at Hub Power Station	28167	IPR	2014
38	Boiler Performance Tests 2014 Unit # 3, Sampling Flanges GAH Outlet Section at Hub Power Station	28168	IPR	2014
39	Steam Drum Averaging Pipe Installation works Unit No. 1, at Hub Power Station.	PO # 49066	IPR	2014
40	Annual Inspection Boiler Unit # 1 Insulation, Cladding , Misc Mechanical Repair & Maintenance.	OM-1935	IPR	2014
41	Annual Inspection Boiler Unit # 4 Insulation, Cladding , Misc Mechanical Repair & Maintenance.	OM-1935	IPR	2014
42	Steam Drum Averaging Pipe Installation works Unit No. 1, at Hub Power Station.	PO # 47778	IPR	2014
43	Tank Internal Desludging & Wasdown including De-Greasing at Hub Power Station.	OM-49852	IPR	2014
44	Annual Inspection Boiler Unit # 3 Insulation, Cladding , Misc Mechanical Repair & Maintenance.	OM-1935	IPR	2014
45	Stack Rehabilitation Project.	OM-3936	IPR	2014
46	Steam Drum Averaging Pipe Installation works Unit No. 3, at Hub Power Station.	OM-1935	IPR	2014
47	Hangers/Snubbers Replacement of Boiler No. 3 at HUB Power Station.	OM-49870	IPR	2014
48	Boiler Superheater/ Reheater Tube Replacement Project at Hub Power Station.	PO # 50345	IPR	2014
49	Fabrication & Replacement of FDF- SAH Duct Portion on Boiler Unit # 3 at Hub Power Station.	OM-49871	IPR	2014
50	Support for the Stack Lining Project at Hub Power Station.	OM-49777	IPR	2014
51	Hangers/Snubbers Replacement of Boiler No. 1 at HUB Power Station.	OM-47833	IPR	2014
52	Replacement of GAH Rotor Shell & Sliding Feet	OM-51410 DATE 14th April, 2015	IPGDL	2015

S. No	Job	P.O. Number / Dated	Client	Completed
53	Fabrication & Replacement of FDF-SAH Duct Portion on Boiler-2	OM-51100 Date 13 March, 2015	IPGDL	2015
54	Tank Internal Desluding and Wash-down Services	51399 Date 1 April, 2015	IPGDL	2015
55	Replacement of Spring Hangers on Boiler-2	51504 Date 10 April, 2015	IPGDL	2015
56	Replacement of GAH Rotor Shell and Sliding Feet Cladding , Misc Mechanical Repair & Maintenance.	OM-51410 Date 14 April, 2015	IPGDL	2015
57	Boiler Forced Outage 2015 Unit -4 Manpower and Demobilization	S.O # 52127 Date 29 May, 2015	IPGDL	2015
58	Radial Seal Holding Strip for Gas Air Heater A & B at Hub Power Station	29690	IPGDL	2015
59	Replacement of GAH Rotor Sheel and Sliding Feet Unit No.3	OM-100374 Date 5 Nov,2015	THPCL	2015
60	Boiler Outages 2015; Forced Outages Unit 1, 2, 3 and 4. From January 2015 to December 2015	OM-1935	THPCL	2015
61	Annual Inspection & Maintenance of Boiler Unit 4	OM-1935	THPCL	2015
62	Annual Inspection & Maintenance of Boiler Unit 2	OM-1935	THPCL	2015
63	Annual Inspection & Maintenance of Boiler Unit 1	OM-1935	THPCL	2015
64	Annual Inspection & Maintenance of Boiler Unit 3	OM-1935	THPCL	2015
65	Radial Seal Holding Strip for Gas Air Heater A & B at Hub Power Station	101416	THPCL	2016
66	Annual Inspection & Maintenance of Boiler Unit 2	OM-1935	THPCL	2016
67	Annual Inspection & Maintenance of Boiler Unit 4	OM-1935	THPCL	2016
68	Boiler Outages 2016; Forced Outages Unit 1, 2, 3 and 4. From January 2016 to July 2016	OM-1935	THPCL	2016