

Holds a B. Sc. in Mechanical Power Engineering and PMP. Has over 36 years wide overseas worldwide experience working in Onshore & Offshore for the main execution / EPC contractor in multi Billions EPCM complex of Petrochemical, Oil, Gas, Refinery, Petrochemical, Fertilizer, Power Plant and Water Treatment Projects.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/01/1960
Gender : Male
Marital Status : Married
Residence : Heliopolis, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Menoufia University, 1983

LANGUAGES

Arabic : Native Language
English : Good
Russian : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Primavera
: MS Project

TRAINING COURSES AND CERTIFICATIONS

: Computer course in planning, Progress monitoring and cost control using the following software packages: Primavera P3, Time line, open plan, Lotus 123, Quattro Pro and Microsoft Office.
: Level II Certification in radiography and film interpretation according to API and Magnetic test, with Authority as Qualified Quality Control Engineer to accept or reject non destructive test (NDT) according to American Petroleum Institute standard (API).
: PMP (Project Management Professional) Course, CAMBRIDGE Educational Institute, UAE, Abu Dhabi (Mar./Apr. 2008).
: Risk Management Seminar, UAE, Abu Dhabi (Mar. 2008).
: Communication and Leadership Seminar/Workshop in UAE, Abu Dhabi, NPCC (Mar. 2005).

- : Team Work and Team Building Seminar/Workshop in UAE Abu Dhabi (Jun. 2004).
- : Delegation Seminar/Workshop in Republic of Kazakhstan (Aug. 2002).
- : American language course up to advanced level 2800.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2019 till now
Employer : [EGYPTROL](http://www.egyptrol.com)
Job title : Construction Consultant

Dates : From Sep. 2015 till Jan. 2019
Employer : GS Engineering & Construction, Seoul – Korea
Projects :

- Mostorod Refinery, Cairo (from Feb. 2017 till Jan. 2019): ERC is executing Refinery project for constructing major three units VDU (Vacuum distillation unit), HCU (Hydrocracker unit) and DCU (Delayed coker unit), the project including 95,555 m³ concrete, 22,520 m² Buildings, 25,184 Tons steel structure, 181,808 DI UG piping and 1,698,659 DI AG piping.
- Bahrain LNG Import Terminal Project in Manama, Bahrain (from Sep. 2015 till Jan. 2017), consists of the following:
 - Offloading Dual Birth Jetty Dolphin type; Deck 80x70m.
 - Trestle 243 m and catwalk 632 m.
 - Regasification Platform Jacket type, Piles, Deck 40x70m.
 - Breakwater 600mx70m, Level from -15 m to +6 m.
 - Subsea Pipe Line 24"φ, 4.3 Km, 4 Cables, Dredging & Backfilling.
 - Temporary Jetty.
 - Onshore Receiving Facilities and Metering Station.
 - Onshore Gas Pipe Line 24"φ, 7.8 Km and 4 Cables.

Job title : General Construction Manager
Job Description :

- Perform on-site management, supervision and coordination of all self-performed and subcontracted works including issue subcontract tender documents, technical and commercial evaluation; prepare subcontract agreement document and implemented contract articles, condition, scope of work, supplements, invoices and responsibilities during project execution according to specification and HSSE plan.
- Execute field construction activities in conformance with contract, schedules, cost estimates, procedures, quality requirements and safety standards.
- Control project schedule and cost through the efficient use of all construction resources including manpower, materials, tools, and equipment.
- Review design scope and approach with regard to constructability and submits recommendations for change. Monitors productivity and cost and implements appropriate action to maintain maximum labour productivity and cost-effectiveness.
- Control change/scope creep, ensuring that all scope changes are quickly and properly documented and that change orders are approved prior to the performance of work.

- Implement the site safety and security procedures and project work rules.
- Play an active role in the development of the safety culture on the project, making safety a natural part of all work performed.
- Manage the contractual commitments of contractors, including cost, quality, and schedule and coordinates their field activities.
- Plan and manage the project's temporary facilities.
- Maintain quality of all work in accordance with the standards as specified in the design documents.
- Maintain effective construction equipment use and maintenance program.
- Maintain an effective plan for the supply and control of tools and supplies.
- Administer, train and motivate all personnel in construction operations through the superintendent and foreman levels.
- Remain knowledgeable of safety policies and procedures and perform assigned duties in a safe manner and while supervising others, has responsibility for their safety and ensures that they comply with established safety policies and procedures and practice safe work habits.

Dates	:	From Sep. 2012 till Aug. 2015
Employer	:	Egyptian Ethylene and Derivatives Company (ETHYDCO)
Project	:	ETHYDCO establish a complex, consists of the following: <ul style="list-style-type: none"> • Ethylene plant 460,000 M Tons/Year. • Polyethylene plant 400,000 M Tons/Year. • Butadiene plant 20,000 M Tons/Year. • Polybutadiene plant 20,000 M Tons/Year. • Utility area including water treatment plant, Chemical bulk storage, Fire fighting, MP/LP steam, Industrial water treatment, Power distribution ...etc.
Job title	:	Director of Construction / Project Site Manager
Job Description	:	<ul style="list-style-type: none"> • Project Site Manager / Construction Director, manage EPC JV main contractor (TOYO/ENPPI) including handling, review and approval of engineering and construction documents (3D module, constructability plan, IFC drawings, method of statement, procedures, ITP, QCP, heavy lifting plan, HSSE plan). • Purchase orders issuing, arrival of equipment and materials to site. • Preservation/storing of equipment, instrument and goods at main warehouse. • Construction works at site (civil, Buildings, Roads, mechanical (piping, steel structure, tanks, spherical tanks, hydro test, direct handling of equipment installation such as Cracking heaters, Columns, HP Boilers, Turbines, Compressors & Pumps), electrical & instrumentation). • Project control including progress monitoring review analysis, weekly meeting, Permit to works. • Monitoring resources (manpower, equipment, tools and consumable materials), mobilization, follow up construction subcontractors, project control including regular daily, weekly & monthly reports, pre-commissioning, demobilization, manage company site staff and facilities.

- Dates** : From Jul. 2009 till Aug. 2012
- Employer** : Petrofac International – UAE, Oman & Turkmenistan
- Projects** :
- Turkmenistan, South Yoloten, 75 km South-East of the provincial capital Mary (from Oct. 2011 till Aug. 2012):
 - The project consists of the installation of facilities to produce 20 BCMA of sales gas from 25 production wells including Central Processing Facility (CPF), Export pipeline 56"φ 100 Km, Wellhead control and safety systems, Flowlines 58 Km, Gas Treatment Units (4 GTUs), Trunklines 136 Km, Power plant, 35KV & 10KV OHLs, Water intake facilities, Condensate and sulphur loading facilities via rail, Infrastructure including roads, railway and buildings.
 - Concrete 80,000 CM, Steel structure 24,000 Tons, Piping 1.4 million ID, Electrical cable 3500 Km, Instrument cable 2,500 Km, Paving 25,000 SM.
 - Contract Value: US\$ 3.4 Billion
 - EPC FFD ASAB Project, ASAB, Abu Dhabi, UAE (from Jul. 2009 till Sep. 2011):
 - Petrofac, the international oil & gas facilities service provider, will provide engineering, procurement and construction (EPC) services to upgrade the production capacity of the Asab field in 44-month lump-sum contract to increase its production and achieve the committed 1.8 million barrels of oil per day includes upgrading the facility's capacity to accept increased production from Sahil, Shah and other south east fields and to upgrade the associated utilities and water handling facilities.
 - Summary project quantities: 212,301 CM Reinforced concrete, 675,446 Inch meter GRE UG piping network, 36,591 Tons steel structure, 959,843 Inch dia AG piping network, 13,616 Tons equipment, 30,738 NOS pipeline joint welding, 360,938 meter pipeline lowering, 2,780 Km electrical cables, 42,816 NOS electrical cable termination count, 2,971 Km instrument cables, 206,874 instrument cable termination count, 18,340 instrument cable loop count.
 - Contract Value: US\$ 2.3 Billion
- Job title** : Senior Manager of Construction
- Job Description** : Senior Construction Manager, in charge of CMEI (Civil, Mechanical, Electrical and Instrumentation) works of CDS (Central Degassing Station), Inlet Facilities, Flowlines 12" φ CS 3LPP, Trunklines 24" & 20" φ CS 3LPP, 6" φ CS, 4" φ SS, 4" φ Alloy 825 Thermal Insulation, 35KV & 10KV OHL; including the same above responsibilities activities of GS E&C projects.
- Dates** : From May 2007 till Jun. 2009
- Employer** : Consolidated Contractors International Company LLC – Abu Dhabi, UAE
- Project** :
- Habshan Gas Complex Expansion Project (Abu Dhabi, UAE):
 - The Primary objective of the project is to process 350 MMscfd of associated Gas from Bu Hasa and Bab Reservoirs to produce condensate and NGL's.
 - Phase I of the project (EPC Package No.1) encloses the installation of two additional Sulphur recovery units, acid gas enrichment, MP and HP gas pipelines, gas compression, condensate stabilization, sour water stripping, additional utilities and infrastructure.

- Major Quantities: 40,000 CM concrete, 6,000 SM Building, 13,000 tons Structure steel, 12,500 tons Piping, 10,500 tons Equipment, 1,200 Km Cables E&I.
 - Contract Value: US\$ 982 Million
 - CCC Scope of work: Construction, 30% Procurement and EPC of Buildings.
- Job title** : Construction Manager
- Job Description** : HGCE Area Construction Manager; managing, supervision and coordination among different disciplines (Safety, Civil, Mechanical, Electrical, Instrument and subcontractors) and in charge of the following:
- Self performed mechanical Construction works including Equipment installation, steel structure, Piping Fabrication and Erection activities up to 60 inch diameter of Interconnecting Pipe Racks Unit 177, Feed Gas Compressors Unit 113S, Acid Gas Enrichment unit 133 and Sulphur Recovery units 152 &153 (about 7,600 Tons).
 - Subcontracted works including issue subcontract tender documents, technical and commercial evaluation; prepare subcontract agreement document and implemented contract articles, condition, scope of work, supplements, invoices and responsibilities during project execution according to specification and HSSE plan.
- Dates** : From Jun. 2005 till May 2007
- Employer** : Consolidated Contractors Company LLC – Oman
- Project** : Isomerisation & Refinery Revamp Project (Mina Al-Fahal, Muscat, Sultanate of Oman):
- The Scope of work covers the EPC of a new Penex Unit of 10225 BPD, Revamp of Crude Desalination Unit from 85000 BPD to 100000 BPD, Revamp of Naphta Hydrotreating Unit of 28700 BPD, Revamp of Naphta Splltter Unit of 26900 BPD, Revamp of Tall Gas Unit to a capacity of 300 BPD, Oman LNG C5/C6 Condensate Import/Storage/Pumping and Associated New/Revamp Utilities and Off-site Facilities.
 - 160 Pieces of Equipment, 1700 Ton Piping and supports, 460 ton Steel structure, 265 Ton U/G CS Cement Lined, 2 Condensate storage Tanks each 50000 cubic meter, 7000 Cubic meter Concrete, 15000 cubic meter Earthworks Excavation and Backfill, 10500 cubic meter Formworks, 32000 meter Electrical and Instrument Cables, 64000 meter Trays and Conduits.
 - Contract Value: 86 Million US \$
 - CCC Scope of work: EPC (Engineering, Procurement and Construction) Contract.
- Job title** : Brown Field Area Manager
- Job Description** : Brown Field Area Manager and direct handling the mechanical construction works including same above responsibilities activities of (HGCE Project) and manage subcontractors of Tanks Building, Steel structure Fabrication, Refractory, and Sand Blast & Painting.
- Dates** : From Oct. 2003 till Apr. 2005
- Employer** : Consolidated Contractors Company LLC – Oman
- Project** : Oman-India Fertilizers Plant Project (Sur, Sultanate of Oman):
- Ammonia Plant - 2 Trains 1,750 tons/day each.
 - Urea Plant - 2 Trains 2,530 tons/day each.

- 1095 Pieces of Equipment, 6 467 Ton A/G Piping Fabrication, 9 194 Ton A/G Piping Erection, 4560 Test Packs, 969 Pipe supports Fabrication 8 028 Steel structure Erection, 961 Ton U/G CS Gravity Piping Fabrication and Erection, 25 947 U/G RTR Piping Erection up to DN 3000 mm, 93 129 Cubic meter Concrete, 23 Buildings including 15 843 Concrete, 114 787 Square meter Paving, 873 Km Electrical Cables, 976 Km Instrument Cables.

Job title : Section Head (Testing, Pre-commissioning & Reinstatement)
Job Description : Management, supervision and coordination construction of Sea Water Intakes including its Pump Stations, Hydro test, Pre-commissioning and final reinstatement sections including Prepare of Test Packs and site activities for above and under Ground Piping Network, Pipe Lines and Tanks.

Dates : From Feb. 2002 till Oct. 2003

Employer : Consolidated Contractors International Company (C.C.I.C) – Kazakhstan

Project : Krachaganak Development Project (Aksai, Kazakhstan): 918 Pieces of Major Equipment, 100,000 Cubic Meters of Concrete, 12,800 Tonnes of Steel, 160 Buildings, 400,000 meters of Pipe., 32,000 Valves, 1,500,000 meter of Power Cable, 1000,000 meters of Instrument Cable, 9,000 Field Instruments, 21 Substations, 33 Switchgear/MCC's, 66 Transformers, 11 remote Manifold stations, 93 New Wells, 711 Km Infield & Export Pipelines, 30 Km Railway, 12 Km new Roads, 75,000 Engineering and Vendor Deliverables.

Job title : Section Head (Testing, Pre-commissioning & Reinstatement)

Job Description : Management, supervision and coordination Hydro test, Pre-commissioning and Final Reinstatement sections including same activities of Project (Oman-India Fertilizers Plant Project).

Dates : From May 2001 till Feb. 2002

Employer : ABB Petroleum Technology – Egypt

Job title : Project Control Manager

Job Description :

- Responsible of planning of basic Engineering, detailed engineering, procurement and construction works including producing Overall schedules, Detailed Schedules, Progress monitoring and measured Plan against actual by recording time spent against activities and physical achievements presentation and collection of Information for projects management including Bar charts, S -Curves, Logical networks, cost reports, man hours break down, cpm, histograms and analysis which enable management to correct deviation from project critical path.
- Responsible of Cost Control including Accrual reports, Cash Call Reports, Progress Reports, Budget analysis, Cost Break Down Reports, Coding and registering invoices, Expenditure analysis reports for projects management which enable management to correct the Expenditure deviation.
- All of the above were performed using PC computer with the following software packages; Primavera P3, Microsoft Project, Excel, WinWord and Power Point.

Dates : From Apr. 1997 till Apr. 2001

Employer : U.S. Filter Permutit – Egypt

- Job titles** : • Procurement Manager (from Jun. 1999 till Apr. 2001)
• Senior Project Engineer (from Apr. 1997 till Jun. 1999)
- Job Description** : • Responsible of Water, Waste water & Chemicals treatment plants projects starting from receipt of the purchase order to the completion, final Handover to the client and to the end of the warranty period including all above responsibilities of Tender, Engineering, Construction & QA/QC activities.
• Responsible of Establish and Commence of Procurement Department including Procedures, Organization and New hire employee for Local and Foreign purchase activities.
- Dates** : From Mar. 1996 till Mar. 1997
- Employer** : Geisum Oil Company – Egypt
- Job title** : Senior Planning & Cost Control Engineer
- Job Description** : • Responsible of Cost Control including Accrual reports, Cash Call Reports, Progress Reports, Budget analysis, Cost Break Down Reports, Coding and registering invoices, Expenditure analysis reports for projects management which enable management to correct the Expenditure deviation.
• Responsible of planning including producing Overall schedules, Detailed Schedules Progress monitoring and measured Plan against actual by recording time spent against activities and physical achievements presentation and collection of Information for projects management including Bar charts, S -Curves, Logical networks, cost reports, man hours break down, cpm, histograms and analysis which enable management to correct deviation from project critical path.
- Dates** : From Oct. 1995 till Jan. 1996
- Employer** : C.C.I.C. – Malaysia
- Project** : NO. 1 PTA UNIT (Kawasan Industrial Gebeng – Kuantan):
• Process Facilities: Comprises of Main Process Area (ISBL) and OSBL which is divided to 10 Blocks.
• MECHANICAL WORKS: Piping fabrication 2,340 Tons (199500 Inch Dia.), Piping Erection 3188 Tons, Pipe support 200 Tons Fabrication and Erection, Steel Structure 3279 Tons, Equipment installation 5200 Tons, Painting 300,000 SQM, Insulation 58,350 SQM.
• Two Pipe Lines totaling 10" diameter C.S. & 4" diameter S.S.
• Thirteen Tanks totaling 2036 Tons.
• Associated control, Maintenance and Switchgear buildings (total 9 Buildings).
• Fabrication shop for all A/M Responsibilities included fabrication of piping spools, pipe supports, sand blasting and painting.
- Job title** : Section Head mainly Piping Erection
- Job Description** : Responsible of OSBL Mechanical Construction works including Piping Erection, Equipment Installation and Steel Structure Erection.
- Dates** : From Oct. 1993 till Oct. 1995
- Employer** : C.C.I.C. – Abu Dhabi, UAE
- Project** : HABSHAN OGD 545 Project (ABU DHABI - U.A.E.):
• Sulphur Recovery Units 52, 53 & 54 at BAB HABSHAN, NEW GAS

COMPRESSION FACILITIES for Thammama B and New gas processing facilities at existing BAB HABSHAN installation.

- Process Facilities: Comprises of Main Process Area train 1,2 & 3 and Sulphur MECHANICAL WORKS: Piping fabrication 11, 554 Ton, Piping Erection 26, 331 Ton (37200 MR.), Pipe support 2000 Ton Fabrication and Erection, Steel Structure 13000 Ton, Equipment installation 27,611 Ton, Painting 82600 SQM, Insulation 185000 SQM, Welding 1,532,500 inch diameter (487, 000 joints).
- Off-site Facilities: Six new Condensate storage tanks and transfer facilities at Ruwais refinery.
- Six Pipeline totaling 250 KM/10" - 30" Diameter.
- Associated control, Maintenance and Switchgear buildings (total 26 Buildings).
- Fabrication shop for all A/M Responsibilities included fabrication of piping spools, pipe supports, sand blasting and painting.
- Contract Value: 1.3 Billion US \$ (C.C.I.C. & J.V.)

Job title : Mechanical Section Head, mainly Piping Erection of Sulphur Recovery Units 52, 53 & 54

Job Description :

- Responsible of Piping Erection including carbon steel, stainless steel and galvanized pipe work for various application of Sulphur Recovery Units 52, 53 & 54 such as various temperature, insulated, non insulated, FBE, Aluminised, Jacketed lines and steam jump over, internal and external coated. Erection to equipment, pipe rack, T-post, sleepers, and Tie - ins with existing Plant. Erection of piping accessories including valves, filters, Strainers, flow elements, silencers, etc. All of these were performed on various size of pipe up to 48" diameter inch.
- All A/M were performed with accurate records, accurate filing systems and accurate control sheets by using PC Computer.
- Responsible of Fabrication and Erection of steam Manifold (STSM & STCM) and Steam Tracing job (Tracers (12 & 20 mm Stainless Steel Tubes), TFK Channel, heat transfer cement, stainless steel band, Dekoron (Pre-insulated Stainless Steel Tubes), etc).
- During shut down responsible of Tie-ins, Demolish, Maintenance of Equipments and Modification of Existing piping systems.
- All the project carried out as per ISO-9000 standards system and following the project procedures: feed data to Talisman on daily basis, prepare 3-week Lock Ahead schedule on weekly basis.

Dates : From Jan. 1992 till Aug. 1993

Employer : C.C.I.C. – Saudi Arabia

Project : Hawiyah Project (Western Area, KINGDOM OF SAUDI ARABIA): Three Gosp's 2,3 & 4 each Gosp consists of wet crude handling and GAS GATHERING, Flow lines, Manifold station off-plot lines and Production FACILITIES, Fabrication shop for the three Gosp's, Responsibilities included fabrication of piping spools, pipe supports pipe rack, platforms, sand blasting and painting.

Job title : Mechanical Construction Engineer, mainly Piping Fab. & Erection

Job Description :

- From Jan. 1992 till Feb. 1993: Responsible of Piping Fabrication shop & Steel Structure Fabrication shop included fabrication of Piping spools, Manifold, Pipe Racks, Platforms, sheds, ...etc.
- From Feb. 1993 till Aug. 1993 (Hawiyah GOSP2): Responsible of Brown field AG & UG piping erection for Gas Gathering and wet crude handling

including main shutdown, Installed new Manifold station 36" - 1.6" WT and above mentioned construction activities in OGD 545 project.

- Dates** : From May 1990 till Jan. 1992
- Employer** : PETROJET – Egypt
- Projects** : Alexandria, Petrojet Marine Department, Fabrication Yard and Offshore site, Barge No. 11, Egypt (Fabrication and Installation of Jackets, Decks (Cellar, Main, Helli deck), Piles, Boat landing, Riser guards, Riser clamps, Barge Bumper, Bridge, Vent Boom, Top site Facilities including Equipment installation, Piping & Pipe Supports Fabrication & Erection, Electrical & instrumentation works, manufacture and Laying installation of concrete coated subsea Pipeline)
- Projects:
- NAF-2 Platform (North Abu Qir Phase II Offshore Gas Production Project)
 - NAF-2 Top Side Facilities
 - Petrobel Platform MEP-2
 - Agiba Template for three platform (WHP-1, WHP-2 MPA PLATFORM)
 - Geisum Platform (Wp-B)
 - Bapetco Platform (Gemsa)
- Job title** : Projects Control Manager
- Job Description** : Responsible for Management of projects planning, Progress monitoring and cost control including all above mentioned activities at U.S. Filter Permutit.
-
- Dates** : From May 1989 till May 1990
- Employer** : PETROJET – Egypt
- Project** : ABU SANNAN Condensate Recover Plant (Western Desert of Egypt), Process area, tankage area, flow lines and production facilities
- Job title** : Project Planning Engineer
- Job Description** : Responsible of project planning, progress monitoring and cost control including same activities of previous project in Geisum Oil Company.
-
- Dates** : From Dec. 1983 till May 1989
- Employer** : PETROJET – Egypt
- Projects** : Eastern Desert, Zeit Bay, Red Sea, Egypt:
- Abu Sultan Power Plant
 - Oil Field Development (SUCO)
 - East Zeit Gas Gathering Facilities & Gas Sweetening Plant (ESSO)
 - Ras Shoukier/Assiut Crude oil pipe line 350 km length, 22" diameter
 - Gas Injection and L.P.G. Factory (SUCO)
- Job title** : Mechanical Construction Engineer, mainly Piping Erection
- Job Description** : Responsible of AG & UG piping fabrication & erection, Pipe Lines, Tanks Building, Steel structure, Equipment Installation and Hydro/Pneumatic test including all above mentioned construction activities in OGD 545 project.
-
- Field of experience** : • EPC Oil, Gas, Petrochemical, Refinery, Fertilizer & Water Treatment projects Green & Brown fields, onshore and offshore field management with over 36 years wide overseas experiences; Lead a multi disciplines construction teams of civil works, Buildings, Roads, Landscape, UG

GRE network, mechanical, E&I works including direct handling of equipment installation (Cracking heaters, Columns, Vessels, HP Boilers, Turbines, Compressors & Pumps), piping and steel structure fabrication and erection, pipe Lines, Manifold, flow lines, trunk lines, Spherical Tanks and tanks till we get MCC (Mechanical Completion Certificate).

- Hydro/Pneumatic test and pre-commissioning includes flushing, drying, pigging and purging activities.
- Project Control field: Planning, progress monitoring, cost control, Tender, Contract including review contract articles, condition, scope of work, invoices, and prepare subcontract agreement & supplements for subcontractors.
- Lead Commissioning, Operation and Maintenance team after Start up till hand over to client and get Initial Acceptance test Certificate, Performance Acceptance test, Plant Performance Acceptance test and Final Acceptance certificate.
- Deeply-founded experience with cultivating multi-cultural multi-national teams and countries: Saudi Arabia, UAE, Malaysia, Kazakhstan, Oman, Turkmenistan, South Korea and Egypt.
- Experience with managing a Multi Billions Dollar project workforce (~5000 workers) in rough environmentally conditions with too much attention for safety standard rules.
- Experience with various international codes and standards (ASME, ANSI, API, BS and GOST).
- Skills:
 - Ability to coordinate interface properly among different multiple disciplines and SCs in Multi Billions Dollar projects on safely manner.
 - Direct experience in mechanical technical role, coupled with experience/skill in producing technical programs of work, materials and equipment in fabrication, manufacturing and construction environment.
 - Ability to think ahead, plan and priorities workload.
 - Ability to read, interpret and understand specification and drawings.
 - High integrity, Self-motivates and ethical behaviour.
 - Ability to work as a part of team, under pressure and deadlines with proactive approach to problems solving.