

Tacon

OSP/ISP Services

FTTH Solutions - Telecom Services



About

Tacon is one of the fastest growing independent end-to-end telecom infrastructure service provisioning companies in the country. It builds telecom infrastructure and shares it with multiple telecom operators in Saudi Arabia thereby reducing their capex considerably. We have developed competencies in design and building passive infrastructure, Optical Fiber infrastructure, site acquisition, and 24X7 Operation and Maintenance support.

In an era of digitalization and disruptions in technology, Tacon has been successful in adopting and adapting to these rapid evolutions. We are a unique blend of passionate talent, innovative solutions, world-class processes and a visionary management resulting in high levels of customer satisfaction hence forging long-term partnerships. We have been successfully delivering complex, mission critical and high volume applications using our in-depth technical proficiency and project management capabilities.





We provide services that are powered by a highly motivated workforce who are constantly updating and upgrading to stay ahead with the aggressively transforming dynamics of the digital world.

Our expertise in Telecom, OSP, ISP and IT infrastructure help us provide services and solutions that are seamless, highly scalable and secure. Leveraging on your strength in data integration, data analysis and visualization we provide valuable insights to businesses helping them take quick and effective decisions. Quality is one of our core values at **Tacon**. Our certificate in ISO 9001:2015 stand proof to commitment towards world-class standards. We have a team of quality experts who ensure that every resource in the company is well appraised of our quality policy and follow them at all levels.





Vision

To build a company that is globally connected, digitally advanced and technically forthcoming; a company that has vast cultural outreach while firmly rooted to its core values.

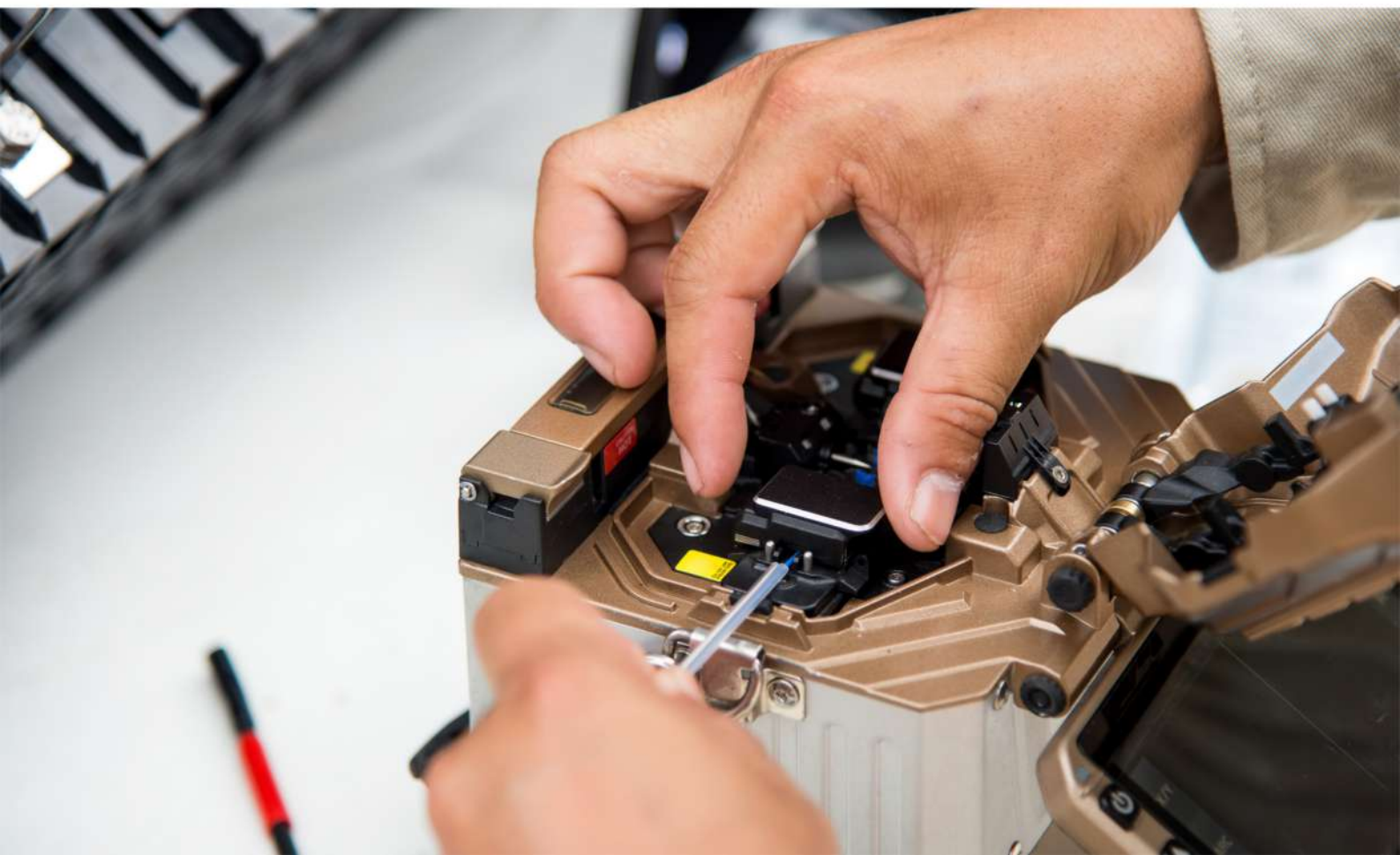


Mission

To achieve highest levels of customer satisfaction by providing services & solutions that is seamless, scalable and state of-the-art.



Tacon





Our Services



OSP:

- OSP Civil.
- OSP Fiber.
- Maintenance & Activation



ISP:

- Central Maintenance.
- Control Systems.
- Monitoring.
- OLT To ODF Maintenance.



Telecom Projects:

- Installation of BTS.
- Installation of BTS.
- Manage Services.
- Civil Work.

RF Engineering Services



Radio frequency engineering service is provided for all wireless networks such as GSM, CDMA and vWireless Broadband networks like Wi-Fi, WiMax and LTE. The skilled and consummate service Radio frequency engineering service is provided for all wirelessmnetworks such as GSM, CDMA and Wireless Broadband networks like Wi-Fi,WiMax and LTE. The skilled and consummate service team ensures that the network design with its multi-technology capabilities meets t h e performance objectives of customers.



RAN

- + RF Nominal Planning.
- + RF Site Surveys & Site Selection.
- + In Building Solution Planning.

TRM

- + Transmission Planning
- + Microwave Line of Sight Survey
- + Microwave Network Planning
- + Microwave Link Engineering

Equipment Installation and Commissioning

At Tacon, we strive to provide end to end solutions to our customers; thus, in-depth telecom services expertise was acquired, and a wide range of Telecom services became readily available to our clients, including:

- + Planning.
- + Spectrum Analysis.
- + Testing.
- + Drive testing.
- + Optimization.
- + Solution Engineering.
- + Installation of New Telecom Equipment.
- + Dismantle of Old Telecom Equipment.
- + Commissioning and Integration.
- + Live Telecom Equipment Swap.



Tacon

FTTX Solutions

Fibre to the Home (FTTH) is the installation and use of optical fibre directly to individual buildings such as a single family units (SFUs), like residences and multidwelling unites (MDUs), like apartment buildings, and businesses to provide high-speed broadband access. FTTH dramatically increases connection speeds and reliability for broadband networks compared to existing copper infrastructures. Tacom is an industry-leading supplier of FTTH Installation solutions with 15 teams equipped and ready to field-proven FTTH solutions. Tacom extensive portfolio of network expertise ensure our ability to provide solutions that address the challenges such as speed of deployment, labour costs, performance and quality cost deferment, network future readiness, and much more!

The logo for Tacom features the word "Tacom" in a bold, sans-serif font. The letter "o" is stylized with three parallel diagonal lines passing through it. The background of the page features a collage of images related to fiber optics, including a close-up of a patch panel with many blue fiber optic connectors and a bundle of multi-colored fiber optic cables, all set against a background of orange and red geometric shapes.



OSP

We offer installation, design, and maintenance of all aspects of OSP / ISP copper and fiber optic cabling infrastructures, which enable your business with optimal bandwidth.

OSP (Outside Plant)

Civil:

- ✦ Ducts/Manholes/Hand Hold Civil Works Networking.
- ✦ LMC/Feeder for outdoor fiber from Exchange to FDT.
- ✦ LDC Cabling & Splitting for Outdoor Fiber from FDTs to OTBs/ODBs/OSPs.
- ✦ Closures, Channels installations & Jointing.
- ✦ Splicing and Testing for all end points in the OSP scenario.

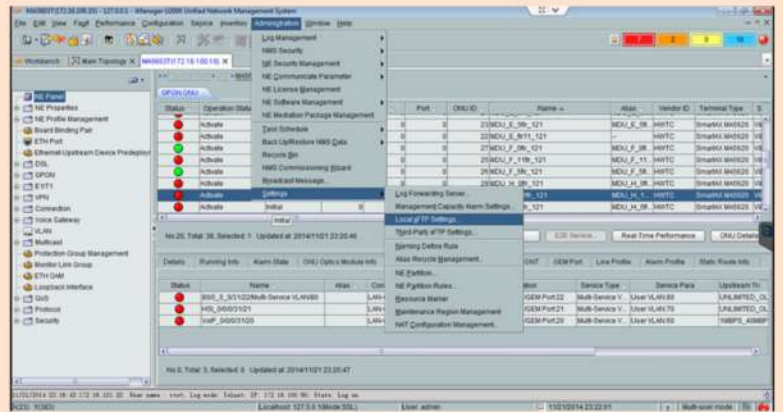
Fiber:

- ✦ Cabling and Splitting single core drop fiber to each customer premises.
- ✦ TBs Installtion and FDT.
- ✦ Testing Documents (OTDR Traces - OTDR Report - Power Meter Report - Cable Reading).

ISP (Inside Plant)

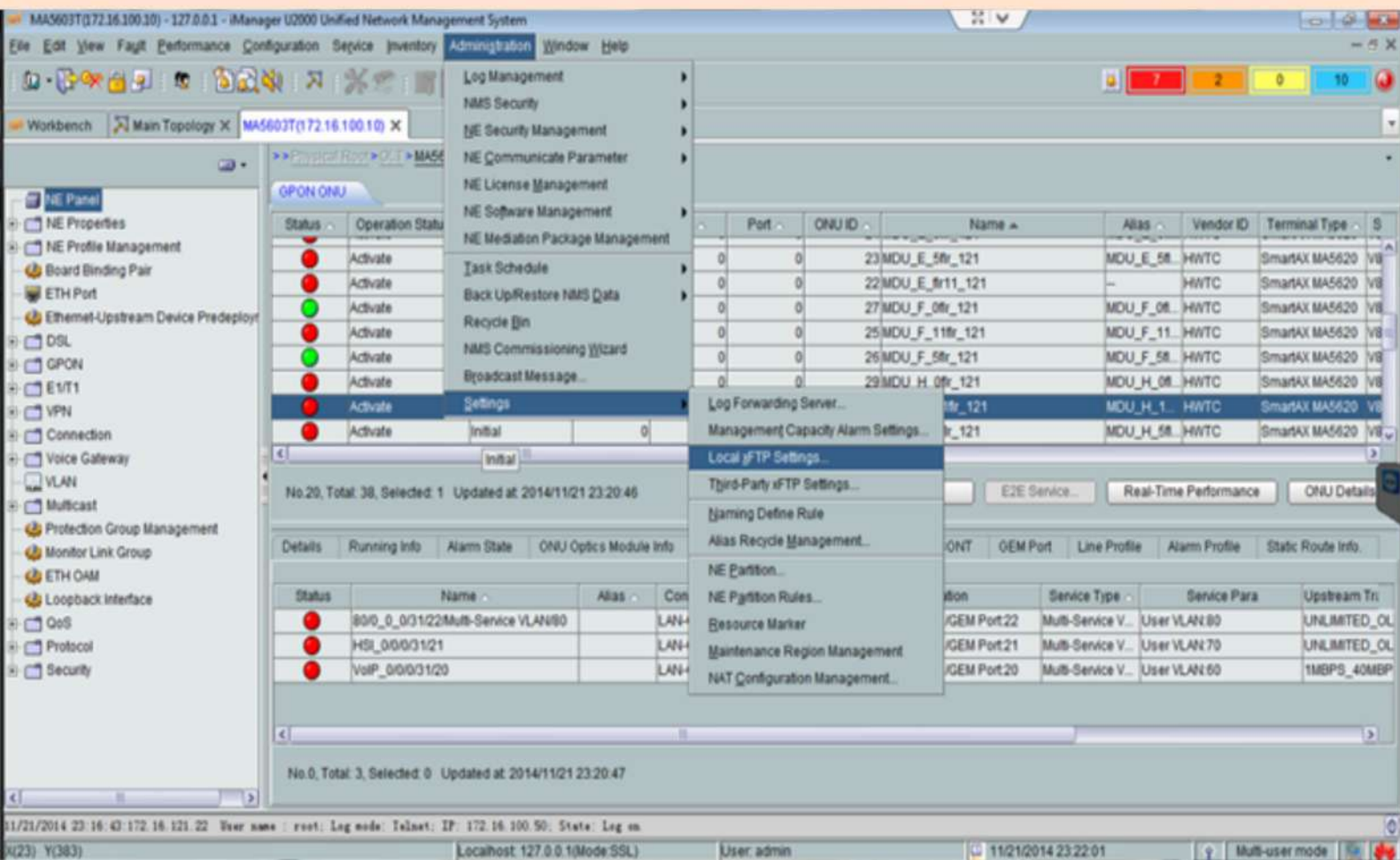
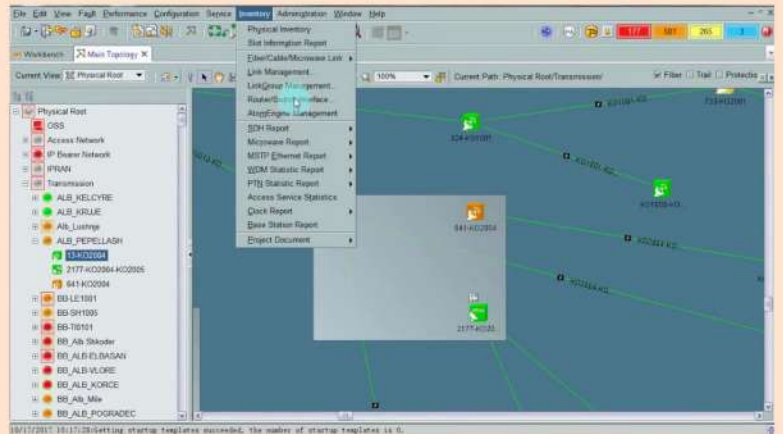


- Central Maintenance.
- Control Systems.
- Monitoring.
- OLT To ODF Maintenance.



Control Systems.

- ❖ Huawei
- ❖ Alcatel-Lucent



IBS (in-building solution):

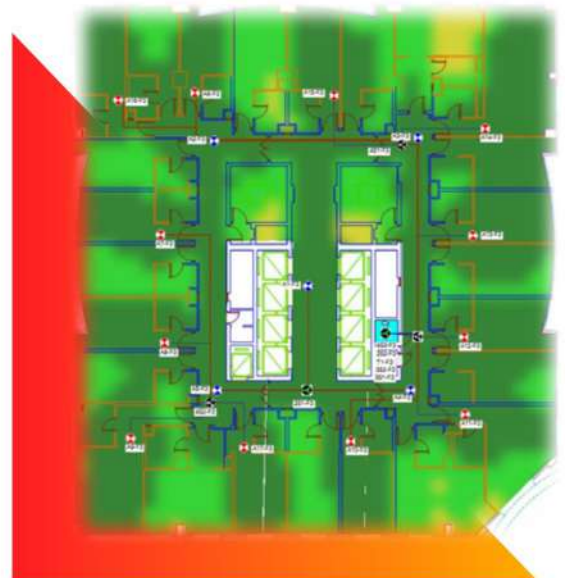
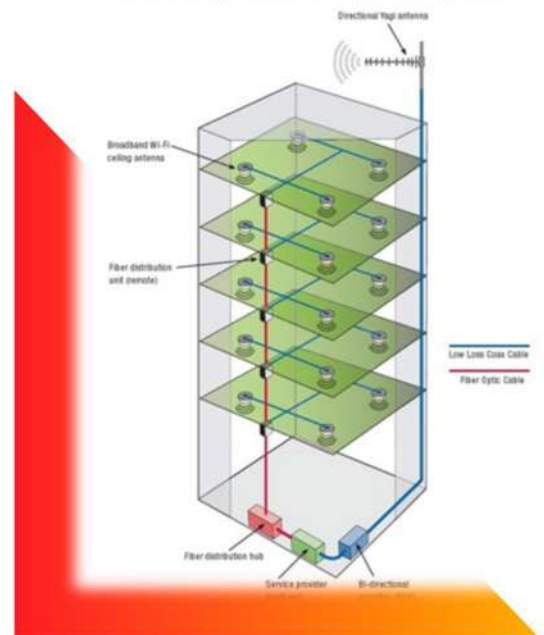
our team's background spans to various systems and disciplines, including:

- Project management
- Site Acquisition
- Site Survey
- Indoor DAS/CFEDE design
- Indoor DAS Implementations
- Indoor Civil Implementations
- Indoor Telecom Implementations
- Indoor RF Optimization

GSM & Radio System Services:

- Installation of Indoor & outdoor BTS Cabinet.
- MW Link Installation/Dismantling and Up-gradation
- Installation of the data cable (M bit /traffic cable)
- Power system services (DC & AC)
- Commissioning & Testing.
- Integration.

In-Building Distributed Antenna System

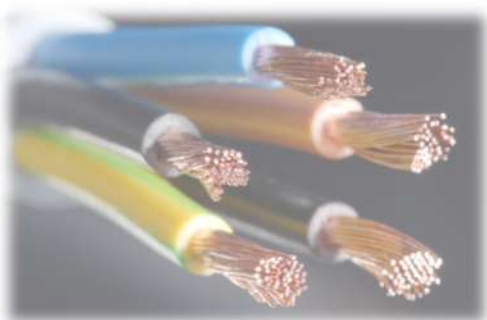




Electrical Works

Electrical Works Including :

- Electrical Prime Power Generation Plants
- National Grid System
- Standby Power Stations
- MV Switchgears and Main Distribution Panels
- MV Transformers and Package Sub-Stations
- MV & LV Distribution Networks
- Central Control & Monitoring Systems – CCMS
- Intelligent Lighting and Dimming Systems
- Smart Metering Systems



Security / Surveillance Systems, Safety, Protection:

The security systems division of the sells, installs & maintains a range of top line security equipment from the market leaders, such as access control, CCTV systems, security alarms ,networked CCTV / video over IP, security & fire monitoring systems.

Control System :

- Installing and maintaining of Control System
- Access Control
- Time Attendance
- Barrier Gates....etc

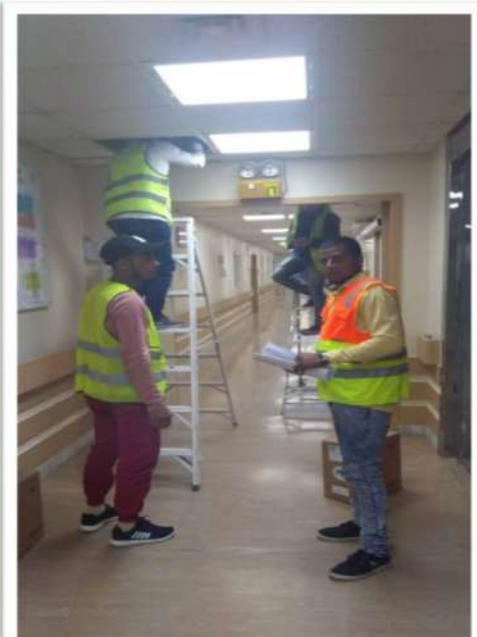
Audio Visual Solutions:

- Conference Room AV Systems
- Video Conferencing
- Auditorium Solutions
- Rear Projection Solutions
- Interpretation & Multimedia
- Employee Addressing Systems

Wifi Services:

- Installation of Outdoor & Indoor WiFi network
- Connection & Termination
- Setting ,Configuration & Integration
- Testing & Commissioning
- Pulling cables & Installation of system components (Cat 6 ,FO ,APs ,SWs ... etc)







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عمل تاسيس يوم بمشروع الفاخير



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ثالث يوم بمشروع الفاخير ١



وقف
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ALBADI AH

توق العربية للمقاولات

Tacon





Social Responsibility

Tacon is committed to understanding, monitoring and managing its social, environmental and economic impact to enable the business to contribute towards a wider societal goal of sustainable development. Tacon aims to demonstrate these responsibilities through its actions and within its corporate policies.

Tacon will:

- ✦ Comply with all applicable laws in the countries in which it operates, with the supplemental adoption of international provisions and guidelines in any country in which the legal framework is inadequate.
- ✦ Adopt cutting-edge corporate governance practices, in line with good governance recommendations generally recognized in international markets, based upon corporate transparency and mutual trust in its relationships with shareholders.
- ✦ Respect human rights and in particular the violation of which degrades workers, which entails opposition to child labor and to forced, or compulsory labor.
- ✦ Develop a favorable employment relationships framework based on equality of opportunity, non-discrimination, and respect for diversity, promoting a safe and healthy environment and facilitating communication with the workforce.
- ✦ Develop responsible practices in the value chain, establishing transparent objectives and impartial processes with suppliers and providing end users with all relevant information regarding the products and services offered.
- ✦ Promote a culture of respect for the natural environment, reducing the environmental impact of the company's activities, and defending biodiversity, through the provision of information and training for employees.
- ✦ Favour transparency and free market rules, rejecting bribery, corrupt practices, or other types of contributions aimed at obtaining corporate advantages, and respecting the rules of free competition.
- ✦ Promote the socially responsible actions of supplier companies through exerting due diligence in the processes of selection and contracting.
- ✦ Encourage communication and dialogue with employees, subcontractors and other companies within Tacon that are related to the company's activities, in order to match corporate values and social expectations.
- ✦ Disseminate relevant and truthful information regarding the activities carried out and subject such information to internal and external verification procedures that ensure its reliability and encourage the continuous improvement thereof.



Health, Safety and Environment

Tacon is committed to conducting its operations in a responsible and ethical manner, paying due attention to protecting the health and safety of its employees, contractors, stakeholders, the general public and the environment.

Specifically, Tacom will:

- ✦ Integrate operational excellence (the systematic management of health, safety, environment, reliability and efficiency) into every aspect of its business activities, and continually seek opportunities for improvement.
- ✦ Fully comply with all health, safety and environment laws or regulations.
- ✦ Establish adequate control over its activities with the aim of achieving incident-free operations, safe working conditions and protection of personnel and public from harm.
- ✦ Seek opportunities to participate in the formulation of health, safety and environmental legislation or policy issues that may significantly impact our business.
- ✦ Follow relevant standards, good engineering practices and principles of risk management to ensure the integrity, reliability and efficiency of Tacom facilities.
- ✦ Insist on socially responsible leadership and demonstrate exemplary health, safety and environment performance.
- ✦ Conserve company and natural resources by careful management of emissions and discharges and by curtailing unnecessary waste generation. This also includes the wise use of energy in operations.
- ✦ Conduct hazard and risk assessments, as needed, to identify, characterise and safely manage any present or future potential hazards from company products and operations.
- ✦ Ensure conformity with this policy through a comprehensive compliance programme including audits.
- ✦ Assign adequate resources to implement this policy recognising the fact that operating safely is good practice.
- ✦ Provide suitable and appropriate training for all Tacom employees and contract personnel to ensure they have the requisite competence to make safety their number one priority at work.
- ✦ Communicate this policy widely to all personnel and contractors to ensure that they understand that working safely is a condition of employment, and that they are each responsible for their own safety and the safety of those around them.
- ✦ Ensure that our joint ventures, affiliates, contractors and governments worldwide understand our commitment to this policy and support the associated expectations.
- ✦ Tacom adopts a 'zero tolerance' approach to health, safety and environment (HSE) breaches and all breaches of HSE policies, procedures, rules and regulations are dealt with to the fullest practicable extent.



Sustainability Policy

Tacon believes in a way of living that meets the needs of the present, without compromising the ability of future generations to meet their own needs. The company's concern for the environment is expressed through its commitment to promoting sustainability derived from economic, environmental and social developments or changes.

As a responsible corporate entity, Tacon complies with applicable environmental legislation, local regulations and codes of practice, and makes all employees aware of its sustainability policy, and persuades its contractors and suppliers to adopt sound sustainable management practices.



Quality Policy

It is Tacon Engineering Company policy to supply quality products and services that satisfy and exceed our customers' expectations, by a firm commitment to quality, innovation, customer care and value to maintain and continue to enhance our quality of service provision and the business's reputation in the market, as well as to enhance customer satisfaction.

Tacon Engineering following activities:

- + Manpower Recruitment
- + Telecommunications
- + Operation & maintenance
- + Security Guards Services
- + Fire Fighting & Fire Alarm.

Tacon Engineering ensures that all of its products and services meet its customers' requirements, as well as applicable regulatory standards. Continual improvement in the quality of products and services is the responsibility of every Al-Morouj Star employee. It is this commitment that will ensure continued success by meeting or exceeding our customer's requirements. Al-Morouj Star is committed to the provision of training and development for every employee to enhance the skills and knowledge which will enable them to meet desired performance expectations. Al-Morouj Star ensures the provision of a safe and legally compliant working environment to enhance the productivity of each employee without contamination of the environment.



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