



# FEC International

fire | safety | emergency management

## Project References

### HCIS

04.10.2023 | FEC Ref. HCIS Rev 2 | Capability Statement

## 1.1 HCIS – Saudi Arabia

### 1.1.1 Ma'aden

- Ma'aden MGBM
- Ma'aden Ad Duwayhi Gold Project
- Ma'aden MGBM – Mansourah - Massarah
- Ma'aden WASP PAP
- Ma'aden Mining Extension, Najran
- Ma'aden Al Amar Mine (MGBM)
- Ma'aden Phosphate Project (ERAM)
- Ma'aden Umm Wu'al Phosphate Project (HQC)
- Ma'aden PAP (HANWHA)
- Ma'aden Turaif Umm Wu'al Phosphate (Enerco)
- Ma'aden Diesel Generator Power plant (Enerco)
- Waste Water Upgrade Project - DAPNPK FF System
- RAK - Fire Water Pumps & Fire Water Mains
- RAK - Port SEAPA
- Waad Al Shamal Combined Cycle Power Plant
- Umm Wu'al Phosphate Project (KAMCO)
- Umm Wu'al Phosphate Project (HQCEC)
- Ma'aden Package 6.18
- Ma'aden Waste Conveying System Package 6.22
- Ma'aden Package 6.7
- Ma'aden MPC RAK facilities
- Ma'aden MPC Al Jalamid facilities
- Ma'aden Ar Rjum
- Ma'aden Ammonia III Project
- Ma'aden Central Waste Yard MPC Project
- MBCC, Jabal Sayad
- MGBM - Maaden Gold (Bulghah) Ma'aden Gold – Bulghah Mine & Camp Facility
- MGBM - Maaden Gold (Sukhybarat) Ma'aden Gold – Sukhybarat Mine & Camp Facility
- MGBM - Maaden Gold (Mahad) Ma'aden Gold – Mahad Mine & Camp Facility
- MGBM - Maaden Gold (As Suq) Ma'aden Gold – As Suq Mine & Camp Facility
- MBCC - JSCM Project
- Ma'aden - MPC RAK
- Ma'aden – JAL MPC Al Jalamid facilities
- Ma'aden - Barriq Mine SAF GA Study
- Ma'aden - Ar Rjum Project
- Ma'aden - CFP (31003300)
- Ma'aden (MBAC) 3100/3300 Conveyor Firefighting Project
- KAMCO Saudi - Umm Wu'al Phosphate Project
- Advacon - Maaden (Package 6.7)
- L&T - M&M Mansourah Massarah Gold Project
- ENERCO - Ma'aden
- Daelim - Ma'aden Ammonia III
- Ma'aden - GAS FAP (RFQ#M-RAK-HSE-SOF-ERW-097)
- MGBM - AAGM
- MBCC – PPAB Paste Plant project
- GAC - Pkg 6.18 Maaden Project
- GAC - MWCS (Pkg 6.22) MA'ADEN WASTE CONVEYING SYSTEM



- HANWHA - PAP Scope gap
- REDA - WH & SS Warehouse and Substation (Ma'aden) RAK Project
- MBCC - U/G RA U/G Bay Risk Assessment

### **1.1.2 SABIC Companies**

- Petro Rabigh Chemical Storage Warehouse, Yanbu
- Safco Power Station project
- Safco- V Project - Fuel Gas Custody Metering, Jubail
- Alkhorayef Lubricants Manuf Co, Yanbu
- Hadeed Data Center Project, Jubail
- Saudi Kayan EO/EG DBN, Jubail
- Sadaf Project, Jubail
- SK Butadiene Grass Root Project, Jubail
- Keyma SEP SSBR Project PBR Facilities, Jubail
- Ibn Zahr HC/VRC Project (WISON), Jubail
- NGU Project (eTEC E&C), Jubail
- Petrokemya Tecnicas Project, Jubail
- Saudi Kayan Furnace 10 Project, Jubail
- Sabic BPA Reactors, Jubail
- Sabic Anisole Product Loading System
- Safco IV Reliability Improvement Project, Jubail
- SF V NG Metering Skid Project, Jubail
- Sabic Upgrade Rod Mill Roughing Mill Drives, Jubail
- Gas Phase-IV DBN Project, Jubail
- Sabic PK-GHT/Benzene DBN Project, Jubail
- Chemanol Plant, Jubail
- Samac MMA-PMMA Project, Jubail
- Sabtank Port Area, Jubail
- Sabtank Berth-37, Jubail
- Catalyst & Chemical Warehouse, Jubail
- Ibn Sina POM, Jubail
- Kemya Project, Jubail
- Saudi Elastomers Project, Jubail
- SEP SSBR Project (FEED Package
- PK Olefins 1 DBN (A7ZG-90-K005)
- SADAF CLC (A7YZ.IK-90-K003)
- SABIC-Jubail Nexlene Company (JNC)
- Yansab - LPG CSS
- Sahara - SAF GA PIP Study
- Yansab - QWC (ITB # SP-161800056-ITB-03)
- Sinopec - IBB RI Project
- SADAF - S/S (RFx 5500134420)
- Chemanol – Compressors
- IBN RUSHD - Gap Analysis
- SADAF - FDAS Upgrade
- SABIC - Bagging Tower
- SAFCO - IBB TB
- Yansab - CGD (V-1306D) MOC (RFx 5500165876)
- Yansab - HC (V-1309B) MOC (RFx 5500165876)
- Yansab - SE MOC (RFx 5500165876)



- YANSAB - 6th Boiler (RFx 5500178437)
- YANSAB - LFO (RFx 5500178436)
- IBB - GAP (RFx 5500184484)
- SABIC - Anisole Product Loading System
- SABIC - C6/C10 (RFx 5500078116)
- SABIC - HMC (RFx 5500108214)
- SABIC - CMC (RFx 5500108216)
- SABIC - RMLP (RFx 5500081229)
- SADAF - Sulphur Rich (RFx 5500078227)
- SADAF - EBS ARV (RFx 5500078227)
- SABIC - HE (RFx 5500131994)
- Chemanol - Compressors
- Yansab - CMB (Proj. AF # SP-181800014)
- SABIC - 73SS1 (RFx 5500143267)
- SABIC - AB (RFx 5500143266) Admin Building Project
- SABIC - IFP (RFx 5500152308)
- SADAF - FDAS Upgrade (RFx 5500156464)
- SABIC - Bagging Tower (RFx 5500154464)
- SAFCO - IBB TB (RFx 5500158522)
- UNITED - AS (RFx 5500163239) Analyzer Shelter Project
- IBN ZAHR - FA&FS Study (RFx 5500162672)
- Yansab - HC (V-1309B) MOC (RFx 5500165876)
- Yansab - CGD (V-1306D) MOC (RFx 5500165876)
- Yansab - SE MOC (RFx 5500165876)
- UNITED - PR (V-5089) (RFx 5500178548)
- YANSAB - 6th Boiler (RFx 5500178437)
- YANSAB - LFO (RFx 5500178436)
- SADAF - FPA (RFx 5500196719)
- IBN RUSHD - FP FEED (RFx 5500196123)
- SHARQ - EG2 (RFx 5500200496) EDC TO EC MODIFICATION PROJECT IN EG2-PLANT
- SABIC - RB (RFx 5500204668) Reboiler (EO311S) Project
- SABIC - NIP (RFx 5500224634) New Incinerator Project
- SABIC - C&CH (RFx 5500223761) Al-Bayroni Cafeteria & Compressor Houses Project
- SABIC - ASAB (RFx 5500219737) EHS SABIC Project
- SABIC - ALF (RFx 5500223977) Anisole Loading Facility Project
- SABIC - FHC (RFx 5500234337) HADEED Fire Hose Cabinet project
- SABIC - NEB (RFx 5500255897) New Electrical Building project
- SABIC - CMC (RFx 5500260325) CMC Hadeed project
- SABIC - PP (PR NO. 3000076925) PP (PR NO. 3000076925) project
- SABIC - AF (RFx 5500263179) Acetone Flasher project
- SABIC - TiC DPC (RFx 5500269949) TiC DPC (RFx 5500269949) Project
- SABIC - FRA (RFx 5500059246)
- SABIC - NEB RFQ5500064978
- SABIC - FPM (RFQ 5500068584)
- Yansab - QWC (ITB # SP-161800056-ITB-03)
- SADAF - S/S (RFx 5500134420)
- IBN RUSHD - Gap Analysis (RFx 5500153893)
- PETROKEMYA - MP (RFx 5500188321)
- SINOPEC - C6/C10 (SP-172200003) C6/C10 project



- SINOPEC - HEC (SP-192200015) SABIC United HEC Project
- Yansab - LPG CSS (Proj. AF # SP-161800033)

#### **1.1.3 Cristal**

- Cristal, Yanbu
- Cristal, Jazan
- Cristal - FWT Study
- Cristal - Data Center Project
- Cristal - Tisponge Plant
- Cristal - ISP
- Cristal - CPPF

#### **1.1.4 Marafiq**

- Jubail Plant
- PP GTG Building 11, Yanbu
- Sales Gas Network and Metering Skids, Yanbu
- Yanbu Plant
- SGDN - FRA Fire Risk Assessment Project
- JACOBS - FRA - Marafiq GTG-11
- PGIS - Marafiq Jubail Additional Sprinkler System
- MARAFIQ - FP Consult. Services-Yanbu
- PGIS - MJASS Marafiq Jubail Additional Sprinkler System Project
- MARAFIQ - FWN (NAS-19-035-4597) Fire Water Network Yanbu Project

#### **1.1.5 SWCC (Desalination & Water Transmission)**

- SWCC - Yanbu Plants (YIGO136)
- SWCC - Jeddah Plants RFQ 1850229 (JD/3118)
- SWCC - FST (RFQ 1851376)
- MAPA - AT WTS
- MAPA - RJM WTS
- SEPCO III - SWRO (P2) AL-JUBAIL SWRO DESALINATION PLANT PHASE 2
- SEPCO III - RAS AZ ZAWR project
- SWCC - FST Y3 Foam Storage Tanks Project
- SEPCO 3 - Layla (9049) Layla (9049) 380/132KV BSP Project
- HEBA - Yanbu - Madina Phase 3 Water Transmission System
- ILFTecon - Yanbu Madina Phase 4 WTS
- ILF-TECON - Shuqaiq Phase 3 WTS
- HEBA - RO SWCC, Yanbu (Phase-1)
- ILF-Tecon - RQ WTS New Riyadh-Qassim WTS Project
- ILF-Tecon - EIC WTS
- ILF-Tecon - RMB WTS Ras Mohaisen - Baha WTS Project
- Khatib & Alami - KKM WTS (RH1815)
- SSEM - AQ WTS AQ WTS Project
- SSEM - KDJ WTS Khobar to Dammam / Jamiah WTS
- RTCC - NSP WTS NEW SATELLITE PLANTS WTS PROJECT
- RABEC - SAF Report SAF Compliance Project
- SSEM - EIC WTS Economic Industrial City WTS Project
- SWCC - FST (RR 75754) Foam Storage Tanks Project
- METITO - KAEC & Duba (225191100) KAEC & Duba Projects
- MGC - NEOM WTS



- MGC – TJWTS TOFEIH WELL FIELD – JUBAIL PLANT TANKS WATER TRANSMISSION SYSTEM
- MGC – KKMC KING KHALID MILITARY CITY FEEDER WATER TRANSMISSION SYSTEM
- ILFTecon - Jubail Riyadh WTS
- HEBA - Jubail Riyadh WTS
- METITO - Duba SWCC project
- SWCC - Traffic [RR#73313] Guiding, warning & traffic safety & gathering points SWCC Jubail Project
- Artelia Group - Al Qunfudhah WTS [SGF17109]
- Shuaibah – STPC STPC RO Plant project
- FICHTNER – DPJ Desalination Plant Jubail project
- SSEM - TTRAK WTS
- METITO - KAEC SWRO
- RTCC - Shuqaiq Phase 3 WTS
- ILF-Tecon - SQ [R420] Shoaiba – Quaiza Water Transmission System
- AL MANAR - NPS [AR-11391] New Pump Station Project

#### **1.1.6 Others**

- Sadara Packaging Centre, Jubail
- Sadara Unit 360 Propylene Oxide, Jubail
- Sadara Isocyanates Project, Jubail
- Dow RO Water KSA Project Phase II
- Kafji Joint Operations [KJO]
- Starch & Glucose Factory, Yanbu
- Sinosteel AB - Saudi Arabia
- Saudi Cement, Hofuf
- Arabian Amines Company
- Halliburton Multi-Chem Batch Plant Project
- SAMREF Yanbu
- TSK – Durah Sugar Refinery Project
- Saipem - UOSP RABIGH II
- Gas Arabian Services - CO2FSP
- Surfactants Detergents Company Ltd
- Methanol Chemanol Company
- Sinosteel – AB
- Wood Group - STC-J2 [Project # 601515]
- PGIS - Saudi Aramco Cogeneration Projects [HAWIYAH]
- PGIS - Saudi Aramco Cogeneration Projects [ABQAIQ]
- PGIS - Saudi Aramco Cogeneration Projects [RAS TANURA]
- Atkins -Jazan IGCC ASU Project
- SQWEC - SAF Compliance SAF Compliance Project
- Alkhorayef Safety Compliance Review
- TIEJUN - J3A IWP Jubail 3A IWP Project
- Al-Masirah Fire Fighting & Fire Alarm [MEPCO]
- CTCL - Saudi Kayan EO/EG DBN
- ABENGOA - Waad Al Shamal Combined Cycle Power Plant
- REDA - SEC PP13 & PP14
- REDA - Hadeed Data center project
- DANA - Chemical Warehouse
- WISON - PK-GHTBenzene DBN Project
- HEBA - SADAF PROJECT
- GAS PHASE-IV DBN project [WISON]



- Fluor - SK Butadiene Grass Root Project
- SABIC EG III FEED PROJECT (Worley Parsons)
- GSCC Group - SF V NG Metering Skid Project
- REDA - Safco IV Reliability Improvement Project
- SABIC - New FF system for BPA Reactors
- SAUDI KAYAN FURNACE 10 PROJECT
- Intecsa/Dragados – WWUP Kayan DAPNPK FF System
- WISON - Saudi Kayan EO/EG DBN
- Daelim - SEP SSBR Project Keyma PBR Facilities
- WISON - IBN ZAHR HC/VRC Project
- eTEC E&C - NGU Project
- PGIS - Tecnicas - Petrokemya Project
- eTEC E&C - IMC EE
- FLUOR - Dow RO Water KSA - Phase II
- Al-Rezaiza Trad. & Tech - Berth 37 SABTANK
- CTCI - SKF-10 project
- SIEMENS - FDAS @ HADEED
- JESCO - FRA & GAP
- Albilad - FWS
- Arabian Amines Company - QRA
- ENPPI - SASRF
- KT ARABIA - Petro Rabigh HCIS
- KBR - IBB (ITB No. IBB-KSA-0004)
- SINOPEC - C4 Exportline SABIC New Mixed C4 Exportline (Sharq Olefins Plant to Petrokemya)
- TechnipFMC - LUBEREF G-II
- Fluor – HMCB (A7YX-90-K005)
- Fluor – PK Olefins 1 DBN (A7ZG-90-K005)
- Jacobs - EO Plant Improvement of Fire Protection System in EO Plant (Sadara Project)
- TechnipFMC - PK CB
- REDA SYP SAMREF YANBU Project
- Fluor - JNC (A7ZT.IK-90-K003)
- Jacobs - SBC (SA700414-SC-9001)
- TSK - DSRP
- ART – Ibn Sina Transformer Project
- Sahara - SAF GA PIP Study
- FAEC - NFTC
- WISON - STC-J UPP (MR Doc # 17093-EM0701-EWS-001)
- ALFANAR – S/S 8H
- Sinopec - IBB RI Project
- Gas Arabian Services - CO2 Feedstock Supply Project
- Surfactants Detergent's Company Ltd.
- Worley Parsons - PAP and FACP project
- SOFCO - CWY MPC
- AHCEC - BCI Project (RFP # No 203011-00318)
- RAWEC - WWTP
- KACST – PV Khaffi
- Sinosteel – AB SABTANK Admin Building Project
- Fluor - Yanpet EG2 EIP (RFP # A8JM-90-K002)
- Technip FMC - YO DBN (Project # 077424C)



- Saudi Cement - Hofuf (F15/10-52-1118)
- GSCC Group - DSR S/S
- ATTM - YNP
- Wood Group - STC-J2 (Project # 601515)
- Fluor - HMCB (RFP # A8JE-90-K001)
- MAHINDRA SUSTEN - 405 MWP Sakaka
- IBB - GAP (RFx 5500184484)
- Wood Group - STC-D (Project # 12877J)
- DEC - Riyadh PP 11 SAF Report
- WISON - PKBOG PK Benzene Off Gas to Ar-Razi Project
- ACEC - BGB44 (JO-1952) SABTANK Extending Benzene Grid to Berth-44 Project
- MGC - NEOM WTS HIGHPOINT RESERVOIR STATION project
- SENDAN - QIP PK III Quench Improvement Project
- Assystem - WVP (1901015) Veolia Value Part Plant Jubail KSA project
- Jacobs – KSIC King Salman International Complex PROJECT
- EDCO – FWNS Fire Water Network Project
- SSEM - S/S RC 13M, 131 & 132 Substations Royal Commission Yanbu, KSA Project
- SEPCO – TA Thermal Analysis Project
- SQWEC - SAF Report SAF Compliance Project
- Al-Ojaimi – FWNS Fire Water Network Project
- ACWA POWER - SAF Compliance SAF ER Report
- Zamil - EO/PO Pipelines EO/PO Pipelines SADARA Project
- Albilad - FWS Fire Water Network Project
- REDA – FW Line (SP-191500014) FW Line (SP-191500014) project
- Shuaibah IWPP - SAF Compliance SAF ER Report
- SAS – Luberef Project
- HAJR - SAF ER Report SAF ER Report
- McDermott - FY RAK Fabrication Yard, Ras Al Khair project
- TCC - PK CLC PK CLC Project
- UPMC – FMF United Feed Manufacturing Company (UPMC)
- GE - WAS NTB FM 200 Systems for New Technical Buildings, KSA Project
- KETTANEH CONSTRUCTION - PW (20&24) Production Wells (20&24) project
- ABENGOA – SE Smoke Extraction project
- Advanced Petrochem - AGIC (PR#8000462)