



REFERENCE LIST - SPECTACLE BLIND, SPADE & SPACERS, DRIP RING

| DATE | PROJECT | COUNTRY | EPC | END USER | PRODUCT TYPE |
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| 2018 | HARADH AND HAWIYA PROJECT | SAUDIA ARABIA | TECNICAS REUNIDAS | SAUDI ARAMCO | SPECTACLE BLIND / SPADE & SPACER |
| 2018 | LTA-2 MANIFA | SAUDI ARABIA | SAIPEM | SAUDI ARAMCO | SPADE & SPACER |
| 2018 | JOHAN CASTBERG HULL | NORWAY | SEMBCORP MARINE | EQUINOR/STATOIL | SPECTACLE BLIND / SPADE & SPACER |
| 2018 | WILHELMSHAVEN HES LSFO-PLANT | GERMANY | | HES INTERNATIONAL B.V. | SPECTACLE BLIND / SPADE & SPACER |
| 2018 | PORTOVAYA LNG | RUSSIA | LINDE | GAZPROM | SPECTACLE BLIND/PADDLE & SPACER/DRIP RING WITH NOZZLE |
| 2018 | SULFATE REMOVAL FACILITIES PROJECT | EGITTO | ENPPI | SAUDI ARAMCO | SPECTACLE BLIND/PADDLE & SPACER |
| 2018 | KHURAISS FE & SG | SAUDI ARABIA | SAIPEM | SAUDI ARAMCO | SPECTACLE BLIND/PADDLE & SPACER |

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| 2018 | YANBU DISTRIBUTION HUB IN PLANT & INTERFACE WORKS | SAUDI ARABIA | SSEM | SAUDI ARAMCO | SPECTACLE BLIND/PADDLE & SPACER |
| 2018 | RELIEF SYS & FLARE GAS SYS QCPF | SAUDI ARABIA | ARABIAN BEMCO CONT.CO INDI PROJ. | SAUDI ARAMCO | SPECTACLE BLIND/PADDLE & SPACER |
| 2018 | JAZAN PKG1 + PKG2 | SAUDI ARABIA | SAIPEM | SAUDI ARAMCO | SPECTACLE BLIND/PADDLE & SPACER |
| 2018 | MASTER GAS PHASE 2 | SAUDI ARABIA | SEPCO | SAUDI ARAMCO | SPECTACLE BLIND/PADDLE & SPACER |
| 2018-2017 | RAS TANURA | SAUDI ARABIA | TECNICAS REUNIDAS | SAUDI ARAMCO | SPECTACLE BLIND/PADDLE & SPACER |
| 2018-2017 | TOUATGAZ PROJECT | ALGERIA | SONATRACH | TECNICAS REUNIDAS | SPECTACLE BLIND |
| 2018/2017/2016 | JAZAN IGCC PROJECT GASIFICATION BLOCK | SAUDI ARABIA | SAIPEM | SAUDI ARAMCO | SPECTACLE BLIND/PADDLE & SPACER/ NIPPLE DRIP RING |
| 2017 | RE-ROUTE IN RAS TANURA AREA | SAUDI ARABIA | CHINA PETROLEUM | SAUDI ARAMCO | SPECTACLE BLIND |
| 2017 | ZOHR ONSHORE - MEG REGENERATION PACKAGE (N°2 TRAINS) | EGYPT | COMART - PETROBEL - BELAYM PETROLEUM COMPANY - SAIPEM | ENI | SPECTACLE BLIND |
| 2017 | KILPILAHTI POWER PLANT | FINLAND | TECNICAS REUNIDAS | BOREALIS | SPECTACLE BLIND |
| 2017/2015 | JAZAN REFINERY NORTH TANK FARM AND LOADING ARMS FACILITIES | SAUDI ARABIA | PETROFAC SAUDI ARABIA | SAUDI ARAMCO | SPECTACLE BLIND/PADDLE & SPACER |
| 2018/2017/2016/2015 | JAZAN REFINERY AND TERMINAL PROJECT | SAUDI ARABIA | JGC/SK/TECNICAS | SAUDI ARAMCO | SPECTACLE BLIND/PADDLE & SPACER |
| 2017 | LIWA PLASTICS INDUSTRIES COMPLEX PROJECT | OMEN | TECNIMONT | CB&I | PAD FLANGE |
| 2017/ 2016 | CULZEAN PROJECT | GREAT BRITAIN | MAERSK OIL | KBR | SPECTACLE BLIND / DRIP RING/SPADE/SPACER |
| 2017/ 2016 /2015 | CLEAN FUELS PROJECT (CFP) | KUWAIT | JGSK | KNPC/ PETROFAC/ SAMSUNG/ CB&I | SPECTACLE BLIND / PADDLE BLIND / SPACER |
| 2017 | CENTRAL GAS PLANT II (CGP III) PROJECT | BAHRAIN | JGC CORPORATION | BAPCO | SPECTACLE BLIND |

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| 2017/2016 | BID BOLAND II PROJECT | IRAN | SAZEH CONSULTANTS AND JAHAN PARS ENGINEERING & CONSTRUCTION | PIDMCO | SPECTACLE BLIND / SPACER RING / PADDLE/ DRIP RING |
| 2017/2016 | ANAGOLD - COPLER SULFIDE EXPANSION PROJECT | TURKEY | AMEC FOSTER WHEELER | ANAGOLD MADEN CILIK | SPECTACLE BLIND/PADDLE/SPACER/DRIP RING |
| 2018/2017 | AL-ZOUR | KUWAIT | JV TECNICAS REUNIDAS/SINOPEC/HANWHA | KNPC | SPECTACLE BLIND/PADDLE&SPACER |
| 2017/2015 | AEGEAN REFINERY PROJECT (ARP) | TURKEY | TECNICAS REUNIDAS, SAIPEM, GS ENIGINEERING&CONSTRUCTION, ITOCHU | UTE TR RUP | SPECTACLE BLIND/ PADDLE&SPACER |
| 2017 | AASTA HANSTEEN SPAR TOPSIDE | NORWAY | TECHNIP USA/HYUNDAI HEAVY INDUSTRIES | STATOIL | SPADE&SPACER RING |
| 2018/2017 | 5th TANK AND BOG FACILITIES PROJECT | BELGIUM | DURO ENGINEERING | SHELL | SPECTACLE/PADDLE&SPACER |
| 2017 | YIBAL - KHUFF | OMAN | PETROFAC | PETROLEUM DEVELOPMENT IMAN (PDO) | SPECTACLE BLIND/ DRIP RING ASSEMBLY |
| 2017 | TROLL B ZMP | NORWAY | AKER SOLUTIONS | STATOIL | SPECTACLE BLIND |
| 2017/2016/2015 | PSC "TAIF-NK" | RUSSIA | TOYO ENGINEERING CORPORATION | PSC TAIF- NK / TAIF GROUP | SPECTACLE BLIND |
| 2017/2016/2015 | JOHAN SVERDRUP OIL FIELD (SVERDRUP FIELD) | NORWAY | AKER SOLUTIONS/AIBEL | STATOIL | SPECTACLE BLIND/SPADE/SPACER |
| 2017/2016 | ILAM SULFUR REMOVAL UNIT | IRAN | EIED | ILPC - ILAM PETROCHEMICAL COMPANY | SPECTACLE BLIND |
| 2017/2016 | FADHILI GAS PLANT | SAUDI ARABIA | PETROFAC | SAUDI ARAMCO | SPECTACLE BLIND |
| 2017 | FADHILI | SAUDI ARABIA | TECNICAS REUNIDAS | SAUDI ARAMCO | SPECTACLE BLIND/PADDLE & SPACER |
| 2016 | YANBU EXPORT REFINERY PROJECT | SAUDI ARABIA | SINOPEC | SAUDI ARAMCO AND CHINA PETROCHEMICAL CORPORATION | SPECTACLE BLIND |
| 2016 | SLUISKIL (NL) GRANULATION UNIT FOR UREA | NETHERLANDS | TECNIMONT-YARA | YARA | SPECTACLE BLIND/SPADE&SPACER |

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| 2016 | ZAPSIB 2 PROJECT LLDPE/HDPE UNIT | RUSSIA | TECHNIP FRANCE - ZAPSIBNEFTEKHIM | ZAPSIB NEFTE KHIM LLC | PADDLE BLIND/SPACER RING/SPECTACLE BLIND |
| 2016 | BLANCHARD REF.CO - WASTE WATER TREATMENT | USA | JACOBS | | SPADE&SPACER |
| 2016 | MOTIVA - HCU2/DHT DEBOTTLENECK | USA | JACOBS | ARAMCO / SHELL | SPADE&SPACER |
| 2016/2015 | TEMPA ROSSA PROJECT | ITALY | TECNIMONT | TOTAL E&P ITALIA | FLANGE /DRIP RING /BLIND DISC /SPACER RING /JACKET ENDING & BREAKING RING / SPECTACLE BLIND |
| 2016/2015 | SAFCO | SAUDI ARABIA | SAUDI ARABIAN FERTILIZER | SAUDI BASIC INDUSTRIES CORPORATION | LENS GASKET / THREADED FLANGE / NIPPLE THRD. / LENS GASKET |
| 2016 | RHIP - RABAB HARWEEL INTEGRATED PROJECT | OMAN | PETROFAC | PDO - PETROLEUM DEVELOPMENT OMAN | SPECTACLE BLIND |
| 2016/2015 | RABIGH II REFINING AND PETROCHEMICAL PROJECT NAPHTHA AND AROMATICS PACKAGE (RP2) | SAUDI ARABIA | SNAM PROGETTI SAUDI ARABIA/SAIPEM/PETROFAC/GS. ENG. E CO./ JGC GULF/ METSO/ COFINCO/ TSKE/ KBR | SAUDI ARAMCO & SUMITOMO CHEMICAL | SPECTACLE BLIND/ SPRAY INJECTION NOZZLE |
| 2016 | P77 | BRAZIL | PETROBRAS | PETROBRAS | SPECTACLE BLIND / COATED WITH INCOLET 625/ PADDLE BLIND & SPACER |
| 2016 | P75 | BRAZIL | PETROBRAS | PETROBRAS | SPECTACLE BLIND / COATED WITH INCOLET 625/ PADDLE BLIND & SPACER |
| 2016 | OURHOUD PROJECT - REALISATION DES INSTRALLATIONS DE PRODUCTION D'HUILE | ALGERIA | INITEC - JGC CORPORATION | SONATRACH AND CEPESA COLLABORATION | SPECTACLE BLIND |
| 2016/2015 /2014 | OPTARA PROJECT | BELGIUM | TECNICAS REUNIDAS | TOTAL | SPECTACLE BLIND/ PADDLE BLIND / SPACER RING |
| 2016/2015 | ODOPTU STAGE 2 - SAKHALIN 1 PROJECT | RUSSIA | FLUOR | EXXON | SPECTACLE BLIND/ SPACER RING/ PADDLE BLIND |

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| 2016 | NJORD FUTURE PROJECT | NORWAY | ENGIE E6P NORGE, DEA NORGE, FAROE PETROLEUM NORGE, VNG NORGE | STATOIL | SPECTACLE BLIND |
| 2016 | NAWARA DEVELOPMENT PROJECT | TUNISIA | OMV | OMV | SPECTACLE BLIND/ SPADE&SPACER |
| 2016/2015 | MOGAS COGEN PROJECT | SINGAPORE | JGC | SINGAPORE REFINING COMPANY PRIVATE LTD. | SPECTACLE BLIND / PADDLE BLANK/ PADDLE SPACER |
| 2016 | MARTIN LINGE PROJECT | NORWAY | STATOIL7PETORO | TOTAL | SPECTACLE BLIND |
| 2016 | HAIL SURFACE FACILITIES EPS (EARLY PRODUCTION FACILITIES) PROJECT | UAE | TECNICAS REUNIDAS ABU DHABI | ABU DHABI OIL COMPANY LIMITED (ADOC) | SPECTACLE BLIND / SPACER / PADDLE |
| 2016/2015 | EPC FOR RUMAITHA / SHANAYEL FACILITIES- PHASE III | UAE | GS E&C/DODSOL | ABU DHABI COMPANY FOR ONSHORE OIL OPERATIONS (ADCO) | SPECTACLE BLIND |
| 2016 | ELEFSIS REFINERY UPGRADE PROJECT | GREECE | FOSTER WHEELER / TECNICAS REUNIDAS | HELLENIC PETROLEUM | SPACER RING/PADDLE BLIND |
| 2015 | WEST HARBOUR EXPANSION PROJECT (WHX PROJECT) | EGYPT | PhPC | PHARAONIC PETROLEUM CO. | SPECTACLE BLIND / SPADE&SPACER |
| 2015 | UPPER ZACUM 750 - GAS DEHYDRATION AND REGENERATION UNITS | UAE | PETROFAC | ZAKUM DEVELOPMENT COMPANY (ZADCO) | DRIP RING W/ FLANGED BLEEDS |
| 2015 | DOMINION COVE POINT LNG EXPANSION TERMINAL | USA | IHI - KIEWIT | DOMINION ENERGY | SPECTACLE BLIND/ PADDLE / SPACER |
| 2015 | SFC - SYSTEM OPPGAVER MEKANISK | NORWAY | DEEPOCEAN GROUP HOLDING AS | STATOIL | SPECTACLE BLIND |
| 2015 | SARB - SATAH AL RAZBOOT FIELD DEVELOPMENT PROJECT | UAE | HYUNDAI | ABU DHABI NATIONAL OIL COMPANY (ADNOC) | DRIP RING W/ FLANGED BLEEDS |
| 2015 | REFINERY OFF GAS PROJECT (ROG) | BELGIUM | TOTAL GROUP/MAIRE TECNIMONT | TOTAL | SPADE&SPACER/ SPECTACLE BLIND |
| 2015 | SK316 DEVELOPMENT PROJECT | MALAYSIA | TECHNIP/MMHE | PETRONAS CARIGALI | SPECTACLE BLIND/ PADDLE BLIND / DRIP RING / FLANGIOLET |
| 2015/2014/ 2013 | RABIGH II PETROCHEMICAL PROJECT | SAUDI ARABIA | PETROFAC SAUDI ARABIA CO. LTD. | SAUDI ARABIAN OIL COMPANY BV & SUMITOMO CHEMICAL CO. LTD. | SPECTACLE BLIND / SPADE&SPACER |
| 2015/2014 | QSGTL PEARL GTL PROJECT | QATAR | KBR/ JGC CORPORATION | QATAR PETROLEUM / SHELL | BLIND SPADE/ PADDLE BLIND |

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| 2015/2014 | PROJET REHABILITATION ET ADAPTATION DES INSTALLATIONS DE LA RAFFINERIE D'ALGER | ALGERIA | TECHNIP | SONATRACH/ SAMSUNG ENGINEERING & CONSTRUCTION | SPECTACLE BLIND / SPADE&SPACER / DRIP RING |
| 2015/2014 | PARDIS 3rd AMMONIA & UREA PROJECT | IRAN | HEDCO (HAMPA ENERGY ENGINEERING & DESIGN CO.) | PARDIS PETROCHEMICAL COMPANY | SPECTACLE BLIND/ PADDLE / SPACER/ SPADE+SPACER |
| 2015 | P-76 FPSO (FLOATING PRODUCTION STORAGE AND OFFLOADING) | BRAZIL | CONSORCIO TECHNIP - TECHINT | PETROBRAS | SPECTACLE BLIND/ ISOKINETIC CONNECTIONS / WELDOLET |
| 2015 | NEW VAPOR RECOVERY UNIT - ASORC PROJECT | EGYPT | ENPPI - ENGINEERING FOR THE PETROLEUM & PROCESS INDUSTRIES | ASORC - ASSIUT OIL REFINING COMPANY | SPECTACLE BLIND/ DRIP RING / SPADE&SPACER |
| 2015 | MTWARA ENERGY PROJECT | TANZANIA | ARTUMAS GROUP | TANZANIA ELECTRICS SUPPLY CO. / SYMBION POWER AND GENERAL ELECTRIC | SPECTACLE BLIND |
| 2015 | MODERNIZACION REFINERIA DE TALARA | PERU' | TECNICAS REUNIDAS | PETROPERU | DRIP RING / ORIFIZIO CALIBRATO |
| 2015 | MARIA TIE IN TO HEIDRUN | NORWAY | AIBEL | STATOIL | SPADE/ SPACER/ SPECTACLE BLIND |
| 2015 | KGOC GAS AND CONDENSATE EXPORT SYSTEM | KUWAIT | TECHNIP | KUWAIT GULF OIL COMPANY (KGOC) | SPECTACLE BLIND /SPADE&SPACER |
| 2015 | KASHAGAN FIELD DEVELOPMENT EXPERIMENTAL PROGRAM PROJECT | KAZAKHSTAN | ERSAI CASPIAN CONTRACTOR LLC, BONATTI, WAGENBORG OFFSHORE, WAGENBORG KAZAKHSTAN BV | ENI/AGIP KCO (AGIP KAZAKHASTAN NORTH CASPIAN OPERATING) | INJECTION QUILLS |
| 2015 | IVAR AASEN | SINGAPORE | STATOIL/BAYERGAS | Det norske oljeselskap | SPADE/SPACER/ SPECTACLE BLIND |
| 2015 | IEFCL FERTILIZER PROJECT (IEFCL) | NIGERIA | TOYO ENGINEERING | INDORAMA ELEME FERTILIZER AND CHEMICALS LTD. | SPECTACLE BLIND / SPADE + SPACER |
| 2015/2013 | HEBRON TOPSIDES PROJECT | CANADA | EXXONMOBIL | HEBRON | SPECTACLE BLIND/ SPADE&SPACER |
| 2015 | HEAVY RESIDUE PROCESS COMPLEX FIRST PHASE | BULGARIA | TECHNIP ITALY P.E. BULGARIA | LUKOIL NEFTOCHIM BURGAS AD | PADDLE BLIND |

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| 2015 | FPSO PIONIERO DE LIBRA | BRAZIL | PETROBRAS - ODEBRECHT/TEEKAY (OOG-TEEKAY) | LIBRA CONSORTIUM | SPECTACLE BLIND/ PUDDLE/ SPACER/ PADDLE BLIND |
| 2015 | ETHYDCO PROJECT | EGYPT | ENPPI/TOYO | ETHYDCO | SPECTACLE BLIND |
| 2015 | ESP - ENERGY SAVING PROJECT | INDIA | HTAS DENMARK - PDIL NOIDA | IFFCO - INDIAN FARMERS FERTILISER COOPERATIVE LIMITED | AMMONIA WASH EJECTOR |
| 2015/2014 | EPCIC CONTRACT FOR SK316 GAS DEV. PROJECT | MALAYSIA | TPGM-MMHE JOINT VENTURE-FRANCE TECHNIP- MALAYSIA MARINE- KURVERS SINGAPORE | PETRONAS CARIGALI | PADDLE BLIND & SPACER/ SPECTACLE BLIND/ DRIP RING /FLANGIOLET |
| 2015 | EPC-2 REVAMP & OFFSITES ANWERUP | BELGIUM | FOSTER WHEELER | EXXON MOBIL PETROLEUM & CHEMICAL BVBA | SPECTACLE BLIND/ PADDLE / SPACER / PADDLE BLIND / SPACER RING |
| 2015 | EPC CENTRAL PROCESSING FACILITIES PHASE 1 | IRAQ | PETROFAC FZE | SHELL IRAQ PETROLEUM DEVELOPMENT BV | SPECTACLE BLIND |
| 2015 | CATCHER AREA FIELD DEVELOPMENT, CENTRAL NORTH SEA | UNITED KINGDOM | SCANDINAVIAN FITTINGS & FLANGES ApS | PREMIER OIL | SPACER /SPADE |
| 2015/2013 | BUDOWA TERMINAL LNG | POLAND | SAIPEM | POLSKIE LNG | SPADE & SPACER |
| 2015 | BLACK POWDER FILTRATION UNIT-NEW NATURAL GAS SUPPLY METERING STATION | SAUDI ARABIA | PAN GULF PIPING SYSTEM CO. | SAUDI IRON & STEEL COMPANY (HADEED) | FLANGES/ SPECTACLE BLIND / SPACER RING / SPACER |
| 2015 | BIR SEBA FIELD DEVELOPMENT | ALGERIA | JGC CORPORATION | SONATRACH / ALGERIAN STATE - OWNED OIL&GAS CO./ PVEP / PTTEP | SPECTACLE BLIND |
| 2015 | ACID GAS REMOVAL PROJECT (AGRP) | KUWAIT | TECNIMONT | KUWAIT NATIONAL PETROLEUM COMPANY (KNPC) | SPACER RING/ BLIND DISC |
| 2015 | FORT HILLS UTILITIES PROJECT | CANADA | FLUOR CANADA | FORT HILLS ENERGY LP | SPACER RING / BLIND DISC |
| 2014/2013 | TOGLIATTIAZOT | RUSSIA | UREA CASALE | | SCREWED NOZZLES / LENS&SEAMLESS / FLANGE/ LENS GASKET /STUD/ MIXER |