



EXPLORATION & PRODUCTION

Read first

TEC EXP ECP ECI

PJC HSE TEL

LSO GSR FP

January 2008



TOTAL

CIV COR ELE GEO HVA INS

MEC PLR PVV SPS STR

January 2008



TOTAL

- GS EP CIV 101 General earthworks
- GS EP CIV 102 Dredging and filling up
- GS EP CIV 103 Fences
- GS EP CIV 201 Design and construction of roads and stabilized areas
- GS EP CIV 202 Drainage and underground networks
- GS EP CIV 203 Design of harbour
- GS EP CIV 204 Design of airports and helicopters areas
- GS EP CIV 300 Reinforced and prestressed concrete
- GS EP CIV 301 Design of reinforced and prestressed concrete
- GS EP CIV 401 Minimum requirements for building design and construction
- GS EP CIV 402 Design and construction of oil field laboratory on production installations
- GS EP CIV 403 Temporary construction camps and associated facilities (onshore)
- GS EP CIV 405 Plumbing and sanitary for onshore and offshore installations
- GS EP CIV 406 Thermal and acoustic insulation
- GS EP CIV 500 Special foundations For onshore Structures

January 2008



TOTAL

- GS EP COR 001 Corrosion control on production facilities :
Design and construction
- GS EP COR 002 Corrosion control on production facilities: Field operations
- GS GR COR 100 Design of cathodic protection of offshore structures
- GS GR COR 101 Design of internal cathodic protection of equipment
and storage tanks
- GS GR COR 102 Design of cathodic protection of sea line by sacrificial anodes
- GS GR COR 110 External cathodic protection of buried pipelines
- GS GR COR 111 External Cathodic protection of onshore facilities
- GS EP COR 161 Internal corrosion and erosion-corrosion monitoring :
Design and installation
- GS EP COR 163 Chemical treatments for corrosion control :
Engineering and construction requirements
- GS EP COR 170 Materials for Sour Service (Upstream Applications)
Specification for design
- GS GR COR 201 Supply of sacrificial anodes
- GS GR COR 202 Monitoring systems for cathodic protection
of offshore structures



January 2008



TOTAL



- GS GR COR 210 Insulating joints
- GS GR COR 220 Three layer polyethylene external coating for pipelines
- GS GR COR 221 Three layer polypropylene external coating for pipelines
- GS EP COR 222 Fusion Bonded Epoxy (FBE) external coating for pipelines
- GS EP COR 223 Hot Enamel pipe coating
- GS GR COR 225 Polyethylene and Polypropylene coatings for bends and fittings
- GS EP COR 226 Materials for thermal insulation of pipeline, piping and subsea components
- GS EP COR 230 External laminated glass fibre/resin based coating for risers of sea line
- GS EP COR 231 External elastomer based coating for risers of sea line
- GS EP COR 250 Friction-reduction internal coatings for pipelines transporting non-corrosive gases
- GS EP COR 251 Internal coating of water injection pipelines
- GS EP COR 350 External protection of off-shore and coastal structures and equipment by painting



January 2008



TOTAL



- | | |
|---------------|---|
| GS EP COR 351 | External protection of structures and equipment by painting.
Floating structures |
| GS EP COR 352 | Internal protection of equipment by painting |
| GS EP COR 353 | Design and application of passive fire protection coatings |
| GS EP COR 354 | External protection of onshore structures and equipment
by painting |
| GS GR COR 401 | Installation of anodes on submerged pipelines |
| GS GR COR 420 | External field joint coatings of pipelines |
| GS EP COR 450 | External protection of structures and equipment by painting.
Maintenance works |
| GS EP COR 451 | Corrosion and Coatings Integrity Inventory
for Offshore Installations |
| GS EP COR 501 | Control of cathodic protection of submerged fixed structures |
| GS EP COR 502 | Control by electrical measurements of cathodic protection
of submerged pipelines |
| GS EP COR 560 | Physical and chemical treatment of hydrostatic test water |

January 2008



TOTAL

GS EP ELE 001 Electrical design criteria

GS EP ELE 011 Electrical requirements for packaged units

GS EP ELE 013 Electrical requirements for generating units

GS EP ELE 021 Electrical design criteria for floating units

GS EP ELE 031 Design of earthing and bonding systems

GS EP ELE 051 Design and installation of lightning protection

GS EP ELE 061 Minimum requirements for HV & LV cable sizing

GS EP ELE 079 Electrical apparatus for potentially explosive gas atmospheres

GS EP ELE 081 Lighting

GS EP ELE 091 Minimum Contractor document requirements

GS EP ELE 111 Induction motors

DS EP ELE 111 Induction motor

DS EP ELE 112 Small Induction Motor $P < 22$ kW

GS EP ELE 113 AC generators

DS EP ELE 113 Synchronous generator driven by turbines



January 2008



TOTAL



DS EP ELE 115 Synchronous generator driven by diesel engines

DS EP ELE 117 DC Motor

GS EP ELE 131 High voltage switchgear

DS EP ELE 131 High voltage switchgear

GS EP ELE 133 G.I.S. High voltage switchgear and controlgear

GS EP ELE 135 Low voltage switchgear assembly

DS EP ELE 135 Low voltage switchgear

GS EP ELE 137 Distribution boards

DS EP ELE 137 Distribution boards

GS EP ELE 141 Power transformers

DS EP ELE 141 Power transformer

DS EP ELE 145 Earthing transformer

GS EP ELE 151 DC uninterruptible power systems (UPS)

DS EP ELE 151 DC uninterruptible power supply

GS EP ELE 152 AC Uninterruptible Power Systems (UPS)



January 2008



TOTAL



DS EP ELE 152 AC Uninterruptible Power Systems

GS EP ELE 161 Electrical cables

DS EP ELE 161 High voltage electrical cable

DS EP ELE 162 Low Voltage electrical cables

DS EP ELE 191 Neutral earthing resistor

GS EP ELE 211 Electrical cabin. Construction and equipment

GS EP ELE 221 Power Distribution Control System PDCS

GS EP ELE 251 Closed Cycle Vapour Turbogenerator (CCVT)

GS EP ELE 261 Solar Power System

GS EP ELE 311 Cable trays/ladders

GS EP ELE 321 Navigational Aids System

GS EP ELE 331 Tape trace heating

GS EP ELE 364 Electrical installations

GS EP ELE 374 Construction site electrical installations



January 2008



TOTAL



GS EP ELE 451 Third party inspection. Independant verification
of electrical facilities

GS EP ELE 460 Engineering Studies

GS EP ELE 765 Subsea cables

DS EP ELE 765 Subsea cable

January 2008



TOTAL

GS EP GEO 101 Offshore Geotechnical Soil Survey

GS EP GEO 102 Onshore geotechnical soil survey

GS EP GEO 110 Requirements for Offshore Survey Vessels

GS EP GEO 201 Offshore geophysical surveys

GS EP GEO 202 Geophysical survey for offshore pipeline installation

GS EP GEO 203 Geophysical survey for offshore pipeline inspection

GS EP GEO 204 Geophysical debris survey

GS EP GEO 301 Offshore surface positioning works

GS EP GEO 302 Subsea positioning works

GS EP GEO 303 Onshore Land Surveying and Positioning Works

GS EP GEO 304 The use of differential Global Positioning System

GS EP GEO 305 Aerial photogrammetric survey

GS EP GEO 307 Airbone Laser Scanning Survey (LiDAR)

GS EP GEO 501 Meteorological and Oceanographic survey

GS EP GEO 504 Comprehensive evaluation of metocean conditions



January 2008



TOTAL



- GS EP GEO 505 Monitoring of Metocean Conditions for Offshore Units
- GS EP GEO 701 Geotechnical data and foundation design considerations for subsea production systems and pipelines
- GS EP GEO 702 Requirements for design and installation of skirted foundations and suction anchors
- GS EP GEO 703 Requirements for design and installation of drag anchors and anchor piles for offshore floating structures

January 2008



TOTAL

GS EP HVA 000	List of HVAC specifications
GS EP HVA 010	Selection of Stainless Steel Grade for HVAC Equipment
GS EP HVA 100	Basis of design
GS EP HVA 202	Air Handling Unit (AHU)
GS EP HVA 204	Anti-blast dampers
GS EP HVA 211	Electrical heaters
GS EP HVA 212	Fire Damper(s) Pneumatically Actuated
DS EP HVA 212	Fire Damper(s) Pneumatically Actuated - Data Sheet
GS EP HVA 213	Fire Damper(s) Electrically Actuated
DS EP HVA 213	Fire Damper(s) Electrically Actuated - Data Sheet
GS EP HVA 217	Sound attenuator
DS EP HVA 217	Sound attenuators - Data Sheet
GS EP HVA 218	Coalescer Filters
GS EP HVA 219	Non-return Dampers
GS EP HVA 220	Shut-off Dampers



January 2008



TOTAL



DS EP HVA 220	Shut-off Dampers - Data Sheet
GS EP HVA 221	Pressure Relief Dampers
DS EP HVA 221	Pressure Relief Dampers - Data Sheet
GS EP HVA 222	Balancing Dampers
GS EP HVA 223	Kitchen Hood(s)
DS EP HVA 230	Chilled water unit (water cooled) - Data Sheet
GS EP HVA 231	Chilled Water Unit(s) (Water Cooled - Screw compressors)
DS EP HVA 231	Chilled water unit (air cooled) - Data Sheet
GS EP HVA 234	Chilled Water Unit(s) (Air Cooled - Screw compressors)
GS EP HVA 290	Shut-off Damper Electrical Actuator(s)
GS EP HVA 300	HVAC System for Turbo-machine Technical Room
GS EP HVA 400	Ducts and accessories for HVAC systems
GS EP HVA 402	Fire Damper(s) Installation
GS EP HVA 460	Marking of HVAC Piping and Ducting



January 2008



TOTAL

- GS EP INS 101 Instrumentation engineering, supply and construction general requirements
- GS EP INS 102 Instrumentation identification
- GS EP INS 104 Design of the generation of instrument air or gas
- GS EP INS 107 Design and installation of instrumentation links
- GS EP INS 108 Instrumentation for the design of plant rooms and control rooms
- GS EP INS 110 Instrumentation for package units
- GS EP INS 111 Design and supply of liquid custody transfer metering units
- GS EP INS 112 Design and supply of gas custody transfer metering units
- GS EP INS 134 Design and supply of integrated, control and safety system
- GS EP INS 135 Cyber Security requirements for design and supply of ICSS and Package Systems
- GS EP INS 137 On/off valve control panels and actuators functional and construction requirements
- GS EP INS 146 Design of generation and distribution of hydraulic energy
- GS EP INS 147 Design and supply of wellhead control panels



January 2008



TOTAL



GS EP INS 150 Design method for system configuration - standard functions

GS EP INS 196 Input and Output Standard Functions

GS EP INS 197 Process Standard Functions

GS EP INS 198 Safety and Fire & Gas Standard Functions

GS EP INS 900 Instrument hook-up diagrams

January 2008



TOTAL

- GS EP MEC 101 Design and power rating
- DS EP MEC 140 Gas and Diesel Engines Data Sheets
- GS EP MEC 144 Fire pumps
- DS EP MEC 145 Fire pump sets Data Sheet
- GS EP MEC 212 Gas turbines for the Petroleum, Chemical and Gas Industry Services According to API Standard 616
- DS EP MEC 213 Gas Turbine Data sheets
- GS EP MEC 214 Fuel Gas Treatment Units
- GS EP MEC 242 Special Purpose Gear Units for Petroleum, Chemical and Gas Service Industries According to API Standard 613
- DS EP MEC 243 Special purpose Gear units Data Sheets
- GS EP MEC 251 Supply of axial and centrifugal compressors and expanders for petroleum, chemical and gas service industries according to API Standard 617
- DS EP MEC 252 Centrifugal Compressors as per API STD 617 Data Sheets
- GS EP MEC 253 Anti surge System for Centrifugal and Axial Compressors



January 2008



TOTAL



- GS EP MEC 261 Packaged Reciprocating compressors for Oil and Gas Production Services
- DS EP MEC 262 Packaged Reciprocating compressor data sheet
- GS EP MEC 270 Pumps - Shaft Sealing Systems for Centrifugal and Rotary Pumps. Comments to API 682 2nd edition
- GS GR MEC 271 Centrifugal pumps - API 610 (9 th edition)
- DS EP MEC 272 Centrifugal pump - Data Sheet
- GS EP MEC 273 Supply of centrifugal pump class II according to ISO 5199
- DS EP MEC 274 Mechanical Seals Data Sheets for Centrifugal & Rotary Pumps
- GS EP MEC 281 Lubrication, Shaft Sealing, And Control Oil Systems For Special-Purpose Applications According to API Standard 614
- DS EP MEC 282 Oil system data sheet
- GS EP MEC 290 Rotating machines packages
- GS EP MEC 291 Air compressor package
- GS EP MEC 292 Rotating Machines Packages Installation Requirements
- GS EP MEC 300 Vibration Control Philosophy
- DS EP MEC 301 Vibration Control Philosophy Data Sheet

January 2008



TOTAL

- GS EP PLR 000 Catalogue of applicable General Specifications
- GS EP PLR 001 Documentation requirements
- GS EP PLR 002 Organization of the design works
- GS EP PLR 100 Submarine pipeline systems
- GS EP PLR 102 Design of submarine pipelines as per API RP 1111 and ANSI B 31.4/31.8
- GS EP PLR 103 Design of submarine pipelines as per DNV OS F101
- GS EP PLR 104 Onshore pipeline systems
- GS EP PLR 105 Design of submarine pipelines as per ISO 13623
- GS EP PLR 106 Design of onshore pipelines as per ISO 13623
- GS EP PLR 107 Design and construction of pipelines in swamp and marsh areas
- GS EP PLR 109 Design, fabrication and testing of submarine unbonded flexible pipes and risers
- GS EP PLR 111 Submarine bundles



January 2008



TOTAL



- GS EP PLR 151 Design of steel catenary riser system
- GS EP PLR 160 Design, fabrication and testing of Subsea Umbilicals
- GS EP PLR 201 Fabrication of seamless pipes for pipelines (sweet service)
- GS EP PLR 202 Fabrication of longitudinally submerged arc welded pipes for pipelines (sweet service)
- GS EP PLR 211 Fabrication of seamless pipes for pipelines (mild, intermediate and severe sour service)
- GS EP PLR 212 Fabrication of longitudinally submerged arc welded pipes for pipelines (mild, intermediate and severe sour service)
- GS EP PLR 221 Fabrication of hot bends for pipelines (sweet service)
- GS EP PLR 222 Carbon steel flanges and branch outlet fittings and forged components for pipelines (sweet service)
- GS EP PLR 223 Carbon steel tees for pipelines (sweet service)
- GS EP PLR 231 Induction bends for pipelines (mild, intermediate and severe sour service)



January 2008



TOTAL



- GS EP PLR 232 Carbon steel flanges and branch outlet fittings and forged components for pipelines (mild, intermediate and severe sour service)
- GS EP PLR 233 Carbon steel tees for pipelines (mild, intermediate and severe sour service)
- GS EP PLR 241 Fabrication of Super Duplex stainless steel Small Bore tubes for umbilical
- GS EP PLR 310 Pipeline Composite Repair Systems
- GS EP PLR 401 Installation of submarine pipelines
- GS EP PLR 403 Installation of onshore pipelines
- GS EP PLR 404 Installation of steel pipeline by horizontal directional drilling
- GS EP PLR 405 Design and installation of hot tapings on subsea gas pipelines
- GS EP PLR 406 Packaging and Transportation of Line Pipes
- GS EP PLR 407 Load Out of Submarine Cables, Umbilical and Flexible Pipes
- GS EP PLR 408 Transportation of submarine cables, umbilical and flexible pipes
- GS EP PLR 410 Concrete coating for submarine pipelines



January 2008



TOTAL



GS EP PLR 420 Site welding of carbon steel pipelines to API 1104
(sweet service)

GS EP PLR 421 Site welding of carbon steel pipelines to API 1104
(mild, intermediate and severe sour service)

GS EP PLR 430 Automated Ultrasonic Examination (AUT)
of pipeline girth welds

GS EP PLR 501 Hydrostatic testing of pipelines

GS EP PLR 502 Precommissioning of submarine gas pipelines

January 2008



TOTAL

GS EP PVV 000	General Specification catalogue
GS EP PVV 001	Correspondence between Elf and Total Piping material classes
GS EP PVV 101	List of piping documents to be supplied to Total
GS EP PVV 107	Piping Stress Analysis
GS EP PVV 111	Piping design specification
GS EP PVV 112	Piping material classes
GS EP PVV 113	Block models
GS EP PVV 114	Design models
GS EP PVV 115	3D electronic models
GS EP PVV 116	Model review check list
GS EP PVV 119	Metallic piping support design
GS EP PVV 142	Valves
GS EP PVV 143	Metallic pipes
GS EP PVV 144	Fittings



January 2008



TOTAL



- GS EP PVV 145 Flanges
- GS EP PVV 146 Bolting for piping
- GS EP PVV 147 Gaskets for piping and vessels
- GS EP PVV 148 Glass - Reinforced plastic. Piping materials (tubes and accessories)
- GS EP PVV 149 Spring hangers and supports
- GS EP PVV 150 Valves in cryogenic service
- GS EP PVV 171 Steel piping fabrication
- GS EP PVV 172 Hot tapping
- GS EP PVV 173 Pneumatic testing of above ground piping systems
- GS EP PVV 175 Cleaning of piping and vessels
- GS EP PVV 178 Design and erection of glass reinforced plastic (GRP) piping system
- GS EP PVV 201 List of pressure vessels documents to be supplied to Total
- GS EP PVV 202 Standard drawings for accessories and equipment of vessels



January 2008



TOTAL



- GS EP PVV 211 Design and fabrication of pressure vessels according to ASME VIII
- GS EP PVV 212 Design and fabrication of pressure vessels according to PD 5500
- GS EP PVV 312 Design and fabrication of low pressure metallic vertical storage tanks
- GS EP PVV 314 Design and construction of large LNG storage tanks (double walled metallic type)
- GS EP PVV 315 Design and construction of large LPG storage tanks
- GS EP PVV 402 Standards for exchanger accessories and equipment
- GS EP PVV 411 Shell and tube heat exchangers
- GS EP PVV 412 Plate heat exchanger
- GS EP PVV 414 Double pipe heat exchangers
- GS EP PVV 415 Design and fabrication of air cooler
- GS EP PVV 441 Procedure for shop hydraulic tests of shell and tube heat exchangers



January 2008



TOTAL



- GS EP PVV 542 Fire tube boilers
- GS EP PVV 611 Welding of pressure containing piping and equipment
- GS EP PVV 612 Piping and Equipment subject to severe sour service.
Metallurgical
- GS EP PVV 613 Valves materials requirements for use in sour service
- GS EP PVV 614 Welding of duplex and superduplex stainless steel
- GS EP PVV 615 Welding of UNS 31254 alloy
- GS EP PVV 616 Welding of titanium pipe and fittings
- GS EP PVV 617 Welding of 3 1/2 % nickel steel
- GS EP PVV 618 Fabrication of alloy UNS 06625 grade 1 materials
- GS EP PVV 619 Piping or pressure vessel components in duplex
and duperduplex stainless steel
- GS EP PVV 620 Specification for fabrication and welding of piping systems
in cupronickel and associated materials
- GS EP PVV 622 Piping and Equipment subject to intermediate sour service.
Metallurgical



January 2008



TOTAL



- GS EP PVV 630 TOFD Inspection
- GS EP PVV 771 Thermal insulation (hot service)
- GS EP PVV 772 Thermal insulation (cold service)
- GS EP PVV 773 Thermal insulation (cyclic service)
- GS EP PVV 811 Diatom earth pre-coat filters
- GS EP PVV 812 Skid mounted flotation units
- GS EP PVV 813 Skid mounted units for static equipment
- GS EP PVV 814 Skid mounted units for chemical products injection systems
- GS EP PVV 912 Piping fabrication facilities survey
- GS EP PVV 913 Quality assurance questionnaire for piping fabrication
- GS EP PVV 920 Inspection procedure for pressure vessels
- GS EP PVV 921 Check list for inspection of pressure vessels
- GS EP PVV 922 Plant survey pressure vessels and heat exchangers
- GS EP PVV 923 VENDOR quality assurance questionnaire.
Pressure vessels and heat exchangers



January 2008



TOTAL



GS EP PVV 924 Agenda for technical audit of pressure vessels
and heat exchangers MANUFACTURERS

GS EP PVV 929 In-service inspection for HIC/SSCC checks on pressure vessels

GS EP PVV 942 Shop survey - Valves

GS EP PVV 943 Quality assurance questionnaire - Valves

January 2008



TOTAL

- GS EP SPS 001 Design philosophy and requirements for subsea stations
- GS EP SPS 002 Design of subsea structures
- GS EP SPS 003 Foundation design considerations for subsea stations
- GS EP SPS 004 Subsea manifold system gate valves
- GS EP SPS 005 Subsea ball valves
- GS EP SPS 006 Service valves in subsea stations
- GS EP SPS 007 Tie-in systems
- GS EP SPS 008 Thermal insulation of subsea stations
- GS EP SPS 009 Corrosion protection of subsea stations
- GS EP SPS 010 Preservation requirements for subsea package
- GS EP SPS 011 Mechanical completion of subsea stations
- GS EP SPS 012 Documentation requirements for subsea stations
- GS EP SPS 013 Wellhead and guidance systems
- GS EP SPS 014 Horizontal X-mas Tree System
- GS EP SPS 015 Subsea gate valves and actuators in subsea Xmas-tree systems



January 2008



TOTAL



- GS EP SPS 016 Subsea insert chokes and associated running and retrieval tools
- GS EP SPS 017 Workover completion systems for drill through horizontal tree
- GS EP SPS 019 Subsea production control system
- GS EP SPS 020 Subsea control unit functional requirements
- GS EP SPS 021 Subsea mateable electrical/optical connectors
- GS EP SPS 022 Environmental testing of subsea electronics
- GS EP SPS 023 Cleaning and Flushing of Hydraulic Systems
- GS EP SPS 024 Subsea mechanical quarter turn actuator (manually operated gearbox)
- GS EP SPS 025 Subsea hydraulic spring return quarter turn actuators
- GS EP SPS 026 Subsea Conventional Dual Bore X-mas Tree

January 2008



TOTAL

- GS EP STR 001 Weight monitoring and weighting offshore units
- GS EP STR 002 Crane for fixed offshore installations
- GS EP STR 003 Crane for floating offshore installations
- GS EP STR 004 Riser / Umbilical pulling rig
- GS EP STR 100 Offshore steel structures - General
- GS EP STR 101 Design of offshore jacket and subsea structures
- GS EP STR 102 Design of offshore topside structure
- GS EP STR 103 Design and fabrication of skids and equipment supporting structures
- GS EP STR 104 Design and fabrication of technical cubicles for offshore oil installations
- GS EP STR 105 Boat landings and bumpers
- GS EP STR 106 Assessment of existing fixed offshore steel platforms
- GS EP STR 107 Offshore Structures decommissioning
- GS EP STR 201 Materials for offshore steel structures
- GS EP STR 202 Cast materials for steel structures



January 2008



TOTAL



- GS EP STR 203 Forged materials for steel structures
- GS EP STR 301 Fabrication of offshore steel structures
- GS EP STR 304 Fabrication of welded plate girders (W.P.G.)
- GS EP STR 401 Load-out, sea-fastening, transportation and installation of offshore structures
- GS EP STR 402 Anchorage for support vessel on an offshore site
- GS EP STR 403 Acceptable criteria of a support vessel for offshore works
- GS EP STR 404 Marine aspects for load-out, transportation and installation of offshore structures
- GS EP STR 431 Installation of piles for offshore steel structures. Driven piles
- GS EP STR 432 Installation of piles for offshore steel structures. Drilled and grouted piles
- GS EP STR 611 Determination of the location of an offshore terminal
- GS EP STR 631 CALM buoy terminals
- GS EP STR 651 General principles for a F(P)SO design
- GS EP STR 652 F(P)SO - Steel hull design requirements



January 2008



TOTAL



GS EP STR 653 F(P)SO - Hull fabrication requirements

GS EP STR 655 Requirements for conversion of a tanker to a F(P)SO

GS EP STR 661 FPSO - Design requirements for mooring and anchoring systems

GS EP STR 901 Design rules and construction standards
for ancillary structures of offshore installations

January 2008



TOTAL

- GS EP EXP 101 Precommissioning and commissioning specification
- GS EP EXP 103 Precommissioning and commissioning technical preparation
- GS EP EXP 105 Precommissioning execution
- GS EP EXP 107 Commissioning execution
- GS EP EXP 109 ICAPS Distribution Procedure
- GS EP EXP 153 Requirements for Production Operating Manuals
- GS EP EXP 201 Operations preparation during project -
Maintainability & Inspectability criteria
- GS EP EXP 203 Operations preparation during project -
Maintenance and inspection documentation
- GS EP EXP 205 Maintenance preparation during project: two years spare parts
- GS EP EXP 207 Installation description structure
- GS EP EXP 209 Performance indicators for maintenance and inspection
- GS EP EXP 211 Plant integrity. Minimum inspection requirements
- GS EP EXP 221 Data formats for UNISUP PM loading
- GS EP EXP 401 Quantitative risk assessment of oil and gas installations
- GS EP EXP 403 Production availability studies of oil and gas systems
- GS EP EXP 501 Equipment and piping numbering

January 2008



TOTAL

GS EP ECP 101 Glycol package unit

GS EP ECP 103 Process sizing criteria

GS EP ECP 105 Process documents to be prepared during engineering phase

January 2008



TOTAL

GS EP ECI 001 Reference levels for offshore platforms

**GS EP ECI 002 Drawings and Symbols - Principles of Presentation
at Project definition phase**

**GS EP ECI 003 Numbering of wells, Facilities, Equipment and Documents
at Project Definition phase**

January 2008



TOTAL

- GS EP PJC 301 Hook-up organization and preparation
- GS EP PJC 302 Works status methodology
- GS EP PJC 401 Health, Safety and Environment
on Onshore Construction Sites
- GS EP PJC 501 Requirements for CONTRACTOR Quality Management
- GS EP PJC 502 Requirements for CONTRACTOR Quality Surveillance
- GS EP PJC 503 Requirements for CONTRACTOR Quality Control
- GS EP PJC 701 Documents Identification & Numbering at Project Execution
and Field Operations Phases
- GS EP PJC 702 Requirements for Electronic Documents at Project Execution
and Field Operations Phases

January 2008



TOTAL

SAF

ENV

MED

January 2008



TOTAL

- GS EP ENV 001 Environmental Requirements for Projects Design and E&P Activities
- GS EP ENV 011 Environmental specification for onshore pipeline construction
- GS EP ENV 111 Baseline study environmental status of an onshore site
- GS EP ENV 112 Offshore Environmental Baseline Study
- GS EP ENV 113 Environmental baseline study coastal survey
- GS EP ENV 120 Environmental impact assessment of E&P activities
- GS EP ENV 270 Deep well disposal
- GS EP ENV 421 Landfill design and operation for E&P sites
- GS EP ENV 500 Noise abatement in production units

January 2008



TOTAL

- GS EP SAF 021 Layout
- GS EP SAF 216 Area classification
- GS EP SAF 221 Safety rules for buildings
- GS EP SAF 222 Safety rules for machinery and equipment handling hydrocarbon in enclosed areas
- GS EP SAF 226 Completed wells safety systems and safety rules
- GS EP SAF 227 Safety rules for fired heaters
- GS EP SAF 228 Liquid drainage
- GS EP SAF 253 Impacted area, restricted area and fire zones
- GS EP SAF 260 Design of High Integrity Protection Systems (HIPS)
- GS EP SAF 261 Emergency shut-down and emergency de-pressurisation (ESD & EDP)
- GS EP SAF 262 Pressure protection relief and hydrocarbon disposal systems
- GS EP SAF 311 Rules for the selection of fire-fighting systems
- GS EP SAF 312 Guidelines for selecting and installing fire and gas detection systems



January 2008



TOTAL



- GS EP SAF 321 Fire pump stations and fire water mains
- GS EP SAF 322 Fixed fire water systems
- GS EP SAF 331 Carbon dioxide fire extinguishing systems
- GS EP SAF 332 Alternatives to Halon in fire extinguishing systems
- GS EP SAF 334 Foam fire extinguishing systems
- GS EP SAF 337 Passive fire protection
- GS EP SAF 341 Location and protection of onshore hydrocarbon storage
- GS EP SAF 351 Escape, evacuation and rescue from fixed installations
- GS EP SAF 371 Emergency control facilities

January 2008



TOTAL

GS EP MED 060 On-site medical structures

GS EP MED 061 Medical support for E&P sites

GS EP MED 062 Hygiene in bases and living quarters

GS EP MED 063 Specific risks: Clinical and therapeutic elements

January 2008



TOTAL

- GS EP TEL 002 Telecom Shutdown Philosophy
- GS EP TEL 110 Design and installation of a PBX
- GS EP TEL 120 Point to point microwave links
- GS EP TEL 121 Point to Multipoint radio network
- GS EP TEL 130 Marine and Air/Ground Radio Links
- GS EP TEL 131 Marine radio links
- GS EP TEL 132 Air/ground radio links
- GS EP TEL 140 Public adress and general alarm systems
- GS EP TEL 150 Design, supply and installation
of satellite telecommunication systems
- GS EP TEL 160 Design and installation of CCTV system
- GS EP TEL 161 Design and installation of audio and video
entertainment system
- GS EP TEL 170 Design and installation of communications network
- GS EP TEL 180 Engineering and installation
of telecommunication network pre-cabling



January 2008



TOTAL



GS EP TEL 183 Design and Installation of Personnel E-Mustering
and E-Tracking

GS EP TEL 190 Engineering and installation of offshore
optical fibres based telecommunications

GS EP TEL 191 Optic Fibre Network Design

GS EP TEL 410 Installation rules

GS EP TEL 413 Design and installation of Telecom mast.
Telecom requirements

GS EP TEL 700 Telecommunications Engineering services

GS EP TEL 710 Telecom equipment numbering

January 2008



TOTAL

CR EP TDO 004

Procedure

Request form

Answer form

January 2008



TOTAL

- GS EP LSO 110 Environmental effects considerations for helidecks
- GS EP LSO 140 Technical Specifications For Chartered Corporate Aeroplanes
- GS EP LSO 201 Towing Floating unit
- GS EP LSO 202 Personnel transfer between ships to ships and offshore structures
- GS EP LSO 203 Terminal pilots training
- GS EP LSO 204 Marine Berthing Aids For Coastal And Offshore Terminals
- GS EP LSO 205 Tanker Offloading Marine Procedures
- GS EP LSO 206 Electronic Surveillance AIDS
- GS EP LSO 301 Floating Production Storage Units Integrity : Methodology, Tools & Services
- GS EP LSO 410 Operations by Divers

January 2008



TOTAL

GLG

SUG

January 2008



TOTAL

GS EP GLG 301 GWD : Gas While Drilling acquisition and interpretation

January 2008



TOTAL

- GS EP SUG 001 Offshore surface positioning works
- GS EP SUG 002 Subsea positioning works
- GS EP SUG 003 Onshore Land Surveying and Positioning Works
- GS EP SUG 004 The Use of Differential Global Positioning System
- GS EP SUG 005 The positioning of self elevating and semi submersible units
- GS EP SUG 007 Airbone Laser Scanning Survey (LiDAR)
- GS EP SUG 008 Aerial Photogrammetric Survey
- GS EP SUG 103 General Standards for pdf document processing
- GS EP SUG 121 Seismic Data Identifiers, Naming conventions for Topographic and Navigation Data files
- GS EP SUG 122 Deliverables and Delivery Procedure for Surface Seismic Acquisition and Processing Data
- GS EP SUG 201 Data Management of Workstation Interpretation Projects : Naming conventions
- GS EP SUG 202 Denomination of seismic survey, leases, horizons, faults, and other components of workstations studies
- GS EP GEO 301 Offshore surface positioning works
- GS EP GEO 302 Subsea positioning works

January 2008



TOTAL

ECI

ECP

January 2008



TOTAL

- GS EP FP 330 Manufacturing specification for new seamless OCTG carbon & low alloy material
- GS EP FP 331 Seamless Carbon and low alloy OCTG Pipes purchased from stock
- GS EP FP 337 Manufacture of OCTG Crossovers
- GS EP FP 338 Manufacturing Specification for new welded pipe for conductor pipe application
- GS EP FP 339 Welding of Connectors to Conductor Pipe
- GS EP FP 350 Mill Inspection activities of New Seamless OCTG
- GS EP FP 351 Ex-Stock OCTG Inspection Activities
- GS EP FP 370 Inspector Qualification & Approval Process

January 2008



TOTAL



GS EP HVA 801 Terminology, definitions, abbreviations

GS EP HVA 802 Documents to supply for basic Engineering
and Detail Engineering

GS EP HVA 803 Symbols for P&ID and D&ID

January 2008



TOTAL