



OIL & GAS



| | |
|-----------------------|---|
| Customer | MECTRON for 8 OIL & GAS OFFSHORE PLATFORMS (Singapore) |
| Pump operation | X34 AODD pumps (2" - 3" and 4") made of bronze for water, sludge, bilge, contaminated and hazardous liquids transfer |

| | |
|-----------------------|--|
| Customer | JOHN CASTBERG OFFSHORE PLATFORM - OIL OFFLOADING (Norway) |
| Pump operation | SATURNevo ZMS 1,5x1x8 (x2) as dosing pumps for seawater containing NaOCl (up to 1000 mg/l) at 22°C (15m ³ /h - 55m) in the electrochlorination process |

| | |
|-----------------------|---|
| Customer | AXENS (THE MAJOR OIL&GAS SYSTEM PROVIDER) (France) |
| Pump operation | ASTRAevo DDE 650 x2 with dampener for sulphuric acid installed on adsorbents - catalysts |

| | |
|-----------------------|---|
| Customer | UNIDRO for GROUPEMENT SONATRATRACH AGIP ONSHORE PLANTS n. 540 - 560 (Algeria) |
| Pump operation | ASTRA DDA 75-100 SS (x1) and DDA 100-160 SS (x1) for oil separation process (oxygen absorber, oils, polyelectrolyte 50-60°C) |

| | |
|-----------------------|---|
| Customer | SAEZ SANNAT TETIS for oil refinery (Iran) |
| Pump operation | ASTRA DDA 200-650 PP (x1) for mix of acids |

| | |
|-----------------------|---|
| Customer | METITO for PERTAMINA CILACAP REFINERY (Indonesia) |
| Pump operation | SATURNevo ZMS 3x1,5x8 (x2) for seawater SATURNevo ZMS 3x2x6 (x2) for seawater and NaOCl ROUTE TMR 16.15 (x1) HCl 10% |

| | |
|-----------------------|--|
| Customer | ARAMCO at Seaport Petroleum Refinery (Jazan City KSA) |
| Pump operation | SATURNevo ZMS (x6) for NaOH 30% at 20°C and s.g. 1,3 kg/dm ² for sewage water treatment ROUTE ZMR 31.30 PP (x2) for NaOH 30% and ZMR 21.28 FC (x2) to pump NaOH 12% at 20°C |

| | |
|-----------------------|---|
| Customer | SUEZ (Italy) |
| Pump operation | ASTRAevo DDE (30) PP+g x8 equipped with x8 PDA pulsation dampeners for citric acid solution 50% 1,4 kg/dm ³ at 45°C as dosing injection pumps for purifying water ASTRAevo DDE (30) PVDF+c x8 for sodium hypochlorite 1,2 kg/dm ³ at 45°C as dosing injection pumps for purifying water. |

| | |
|-----------------------|--|
| Customer | A2A AMBIENTE (Italy) |
| Pump operation | PRIMA TMP (06.10) PP+g x1 for oily chemical agents in a power plant. PRIMA TMP (06.08) PVDF+c x1 for oily chemical agents in a gas power plant. |

| | |
|-----------------------|---|
| Customer | ENI CONGO (Congo) |
| Pump operation | ASTRA DDA (125-250) PP+g x1 for Congo Marine XII Block Litchendjili Gas Development for oily water from 15 to 34°C (with heading 5m) |

| | |
|-----------------------|---|
| Customer | DEGREMONT SPA LYON for ENGIE (ex GDF SUEX SA) GAYA PILOT PLANT (France) |
| Pump operation | ASTRA DDA (100-160) PVDF+c x1 ASTRA DDA (50-65) PVDF+c x1 for gasification and biomass plant, biomethan production process to unload and distribute monoethylene glycol and biodiesel. |



| | |
|-----------------------|--|
| Customer | ARTES INGEGNERIA for ALGIER REFINERY (Algeria) |
| Pump operation | KGK C80/160 PP+g x1 for demineralized water at 110m ³ /h |

| | |
|-----------------------|---|
| Customer | YARTECHSERVIS for LUKOIL (Russia) |
| Pump operation | KGK C50/200 PP+g x1 for hydrochloric acid 31% and sodium hydroxide 50% |

| | |
|-----------------------|---|
| Customer | STANDARD SHIP SPARES LLC for SCHLUMBERGER (France) |
| Pump operation | SATURNevo ZGS 10x8x15 V1C for acid with chlorine 32%, xylene and diesel at 480m ³ /h in oilfields processes |

| | |
|-----------------------|--|
| Customer | TAKREER CARBON BLACK & DELAYED COKER PROJECT for ABU DHABI OIL REFINING Cie via SAMSUNG ENGINEERING (UAE) |
| Pump operation | SATURNevo ZGS (4x3x10) V1G x1 for NaOCl for continuous chlorination (65m ³ /h - 80m) in the water treatment process. SATURNevo ZGS (6x4x13) V1G x1 for NaOCl for shock chlorination (120m ³ /h - 30m) in the water treatment process. |

| | |
|-----------------------|--|
| Customer | AECI MINING EXPLOSIVES (South Africa) |
| Pump operation | ASTRAevo DDE 160 x1 for transferring scrubbing chemicals to holding tanks in NOx scrubber ASTRAevo DDE 060 x1 for dosing chemicals into scrubbing process |

PUMPS

FOR ENERGY & ENVIRONMENT



ARGAL srl Via Labirinto, 159 - 25124 - BRESCIA • +39 030 3507 011 | sales@argalpumps.com
Copyright© 2022