

PETROL INSTRUMENTS S.r.l. - ITALIA

MISURATORI VOLUMETRICI PD FLOWMETERS

REFERENZE SPECIFICHE PER INDUSTRIA ESTRAZIONE GREZZO MAIN REFERENCES FOR CRUDE OIL EXTRACTION INDUSTRY

| CLIENTE CUSTOMER | FLUIDO FLUID | DIAM./MOD. DIAM./MOD. | Q.TA' Q.TY | IMPIANTO/CAMPO PLANT/OIL-FIELD |
|-------------------------|----------------------|--------------------------|---------------|---|
| AGIP SPA - CHIETI | GASOLINA | 1"/L51.C8 | 2 | GROTTAMMARE (PE) GAS PLANT |
| | DIET. GLYCOL | 2"/L12.C8 | 1 | CROTONE (RC) PLANT |
| | ETH. GLYCOL | 1"/L11.C8 | 3 | FRATELLO PLATFORM |
| | ETH. GLYCOL | 1"/L11.C8 | 1 | EMMA PLATFORM |
| | ETH. GLYCOL | 1"/L11.C8 | 1 | SQUALO PLATFORM |
| | CRUDE OIL 1260 CP | 4"/A14.C8 | 1 | STORAGE SHIP |
| | DIET. GLYCOL | 1"/A51.C5 | 1 | PINETO (PE) PLANT |
| | CRUDE OIL | 2"/A53.C5 | 1 | AGIP CHIETI |
| | GLYCOL | 2"/L53.C8 | 1 | PENNINA PLATFORM |
| | CRUDE OIL | 4"/A24.C8 | 1 | PISTICCI (MT) OIL CENTER |
| | DIET. GLYCOL | 2"/A53.C8 | 1 | PISTICCI (MT) OIL CENTER |
| | CRUDE OIL | 3"/A13.C8 | 1 | TORRENTE TONA (CH) OIL FIELD |
| | GLYCOL/ GASOLINA | 1"/H51.F8 | 3 | AGIP CHIETI |
| | DIET. GLYCOL | 1"/A51.C8 | 1 | PASSOVECCHIO/ IONIC DISTRICT |
| | CONDENSATE | 1"/H11.C8 | 1 | CANDELA (FG) GAS PLANT SORIANO 1 WELL |
| AGIP SPA - CREMA | CRUDE OIL | 3"/H53.C8 | 2 | VILLAFORTUNA (MI) - WELL AREA TRECATE 4 (NO) |
| AGIP SPA - GELA (CL) | CRUDE OIL | 1"/A51.F8 | 1 | GELA (CL) OIL FIELD (ALL INOX COUNTER) |
| | GASOIL | 1"/H51.C8 | 2 | GELA (CL) OIL FIELD |
| | HEAVY GASOIL | 1"/H51.C8 | 5 | GELA (CL) OIL FIELD WELLS 91/95 |
| | GASOIL | 1"/H51.C8 | 1 | GELA (CL) OIL FIELD |

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| AGIP SPA - MILANO | GASOLINA | 1"/L51.C8 | 3 | GROTTAMMARE (PE) GAS PLANT |
| | | 1"/L11.C8 | 3 | |
| | CRUDE OIL | 4"/A24.C5 | 12 | CAVONE (MO) OIL FIELD |
| | WATER | 1"/A11.C8 | 2 | VALLECUPA (CH) PLANT |
| | GLYCOL | 2"/M12.C8 | 1 | GROTTAMMARE (PE) GAS PLANT |
| | ETH. GLYCOL | 2"/M12.C8 | 4 | RAVENNA PLANT |
| | CRUDE OIL | 1"/A11.C5 | 1 | AGIP CHIETI |
| | CRUDE OIL | 2"/L12.C8 | 1 | CAVONE (MO) OIL FIELD |
| | GASOIL | 1"/H51.C8 | 4 | PERLA OIL FIELD - GELA (CL) |
| | CRUDE OIL + H2S | 3"/A13.C8 | 8 | TORRENTE TONA (CH) OIL FIELD |
| | WATER | 4"/A24.C8 | 2 | GAGGIANO (MI) OIL FIELD |
| | CRUDE OIL | 4"/A14.C8 | 6 | GAGGIANO (MI) OIL FIELD |
| | CRUDE OIL | 3"/A53.C8 | 1 | GAGGIANO (MI) OIL FIELD |
| | WATER | 1"/A51.C8 | 1 | GAGGIANO (MI) OIL FIELD |
| | GASOIL | 1"/H51.F8 | 4 | GELA (CL) OIL FIELD |
| | CRUDE OIL | 4"/A24.C8 | 2 | GAGGIANO (MI) OIL FIELD |
| | CRUDE OIL | 1"/A51.C8 | 2 | BENEVENTO OIL CENTER |
| | GASOLINA | 1"/M06.C8 | 2 | CANDELA (FG) GAS PLANT |
| | GLYCOL | 2"/M12.C8 | 1 | GROTTAMMARE (PE) GAS PLANT |
| | GASOIL | 1"/H51.C8 | 10 | GELA (CL) OIL FIELD WELLS |
| | GASOLINA | 4"/A14 .C8 | 1 | CAVIAGA (CR) PLANT |
| | OIL | 4"/A14 .C5 | 1 | VILLAFORTUNA (MI) OIL CENTER |
| | OIL | 1"/X11.C8 | 1 | MALOSSA (CL) PLANT |
| | CRUDE OIL | 8"/A18.C8 | 1 | GELA (CL) OIL FIELD |
| | HEAVY GASOIL | 1"/H51.C8 | 15 | PREZIOSO PLATFORM AGIP SESI |
| | GASOLINA | 3"/A53.C8 | 1 | CASALBORSETTI (RA) GAS PLANT |
| | CRUDE OIL | 4"/B14.A5 | 4 | PISTICCI (MT) OIL CENTER |
| | OIL | 3"/H53.C8 | 1 | AGBARA FIELD DEVELOPMENT NIGERIA |
| | GASOIL | 1"/X51.C8 | 5 | GELA (CL) OIL FIELD / CLUSTER F GAS INJECTION |
| | GASOIL | 1"/H51.C8 | 5 | GIAURONE CONCESSION AGIP |
| | | 2"/H12.C8 | 1 | COMPANY |
| | | 2"/H12.C8 | 1 | |
| | OILY LIQUIDS | 3"/L13.C8 | 1 | SETTALA (MI) GAS PLANT |
| WATER + | 1"/H06.C8 | 1 | SETTALA (MI) GAS PLANT | |
| GASOLINA | | | | |
| GASOIL/CRUDE OIL | 1"/H06.C8 | 25 | GELA (CL) OIL FIELD NEW COL- LECTION NETWORK AGIP DIGE | |
| AGIP - NIGERIA | CRUDE+WATER | 4"/X24.C8 | 1 | AGBARA FIELD DEVELOPMENT |
| | WATER | 4"/A14.C8 | 1 | NIGERIA |
| | WATER | 2"/A53.C8 | 1 | |
| | WATER | 2"/A12.C8 | 1 | |

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| AGIP RECHERCHES- CONGO | SALTY WATER | 3"/H53.C8 | 4 | DP-4/DP-5 PLATFORM - LOANGO CONGO |
| | CRUDE OIL | 2"/M12.C8 | 1 | PLATFORM ZAF-1 - CONGO |
| | CRUDE OIL | 1"/M51.C8 | 1 | PLATFORM ZAF-1 - CONGO |
| | CRUDE OIL | 4"/M24.C8 | 4 | PLATFORM ZAF-1 - CONGO |
| | CRUDE OIL | 4"/M24.C8 | 1 | PLATFORM ZAF-1 - CONGO |
| | CRUDE OIL | 12"/H212.C5 | 1 | PLATFORM ZAF-1 - CONGO |
| BELLELI SPA - MANTOVA | GASOLINA | 1"/A51.C8 | 2 | BRONTE (CT) GAS PLANT |
| | GLYCOL | 2"/M12.C8 | 1 | AMELIA FIELD - AMELIA B |
| | METHANOL | 2"/L12.C8 | 1 | PLATFORM - AGIP SNOR SICILIA |
| | GASOIL | 3"/A53.C8 | 1 | |
| BERGUM SPA - BERGAMO | SOUR OIL | 2"/M12.C8 | 2 | DP-4 /DP-5 PLATFORM LOANGO |
| | | 1"/M51.C8 | 2 | CONGO |
| | WATER | 1"/M51.C8 | 2 | |
| BG ENGINEERING SPA - MILANO | OIL | 1"/M11.C8 | 1 | GELA (CL) OIL FIELD |
| | GASOIL | 1"/H51.C8 | 12 | |
| COEMI SPA - SIRACUSA | DIET. GLYCOL | 2"/M22.C8 | 1 | CERVIA "C" GAS PLATFORM - AGIP SNOR/04 |
| COSMI M. M. SPA - RAVENNA | GASOIL | 3"/A13.C8 | 1 | GARIBALDI "C" GAS PLATFORM - AGIP SNOR/04 |
| EDISON GAS SRL - SIRACUSA | GASOIL | 1"/X11.C8 | 4 | VEGA OIL FIELD SIRACUSA |
| EDISON OIL SPA - SIRACUSA | SALTED WATER | 1"/H11.C8 | 2 | VEGA OIL FIELD SIRACUSA |
| ELF ITALIANA MINERARIA SPA- ROMA | WATER | 4"/H24.C8 | 1 | SAMBUCETO (CH) PLANT |
| | CRUDE OIL | 3"/M13.C8 | 1 | |
| EN.CO.IT. SPA - MILANO | WATER | 3"/L53.C8 | 2 | RED SEA PLATFORM, EGYPT |
| | GREGGIO | 3"/L53.C5 | 2 | |
| F.LLI SIGNANI SPA- LA SPEZIA | GLYCOL | 3"/A53.C8 | 1 | BARBARA "C" PLATFORM |
| | DIESEL OIL | 3"/A53.C8 | 1 | |
| | GLYCOL | 3"/M53.C8 | 2 | BARBARA "E" /PPC PLATFORM |

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| IMS (IND.MECC. SCARDELLATO) - TREVISO | CRUDE OIL | 2"/M12.C8 | 1 | DP6 PLATFORM - LOANGO - CONGO VILLAFORTUNA (MI) OIL CENTER UNIT 120 |
| | | 1"/M51.C8 | 1 | |
| | SOUR WATER | 1"/M51.C8 | 1 | |
| | WATER | 4"/M24.C8 | 1 | |
| | OIL | 3"/L13.C8 | 1 | |
| | | 10"/L112.C8 | 1 | |
| INDIAN OIL CO. LTD - NEW DELHI - INDIA | CRUDE OIL | 3"/H13.F8 | 5 | VKC PIPELINE PROJECT |
| INTERMARE SARDA SPA - MILANO | GLYCOL | 2"/M12.C8 | 1 | AMELIA FIELD, AMELIA "D" PLATFORM - AGIP SNOR |
| | METHANOL | 2"/L12.C8 | 1 | |
| ITALFLUID/G. SRL - TERAMO | CRUDE OIL | 3"/M13.C8 | 1 | SKIDS / SPECIALIZED TRUCKS CRUDE OIL WELLS TEST EMILIO VII PLATFORM EMILIO VII PLATFORM EMILIO VII PLATFORM MONTE ALPI (MT) AGIP SPA OIL WELLS AQUILA PLATFORM - ADRIATIC SEA |
| | | 3"/M13.C8 | 1 | |
| | | 4"/M14.C8 | 1 | |
| | | 2"/M12.C8 | 2 | |
| | | 4"/M14.C8 | 1 | |
| | | 2"/M12.C8 | 1 | |
| | CRUDE OIL | 2"/M12.C8 | 6 | |
| | CRUDE OIL | 4"/M14.C8 | 1 | |
| | GASOIL | 1"/M11.C5 | 1 | |
| | GASOIL | 1"/M11.C5 | 1 | |
| | | | | |
| | CRUDE OIL | 3"/A13.C8 | 7 | |
| | | 3"/M13.C8 | 2 | |
| | CRUDE OIL | 4"/A14.C8 | 2 | |
| ITALPROGETTI IMPIANTI SPA - MILANO | GASOLINA | 4"/A14.C8 | 4 | CORTEMAGGIORE (PI) GAS PLANT AGIP SECR GASOLINA STORAGE/ LOADING |
| MENCAGLIA SPA - MILANO | GASOLINA | 3"/A13.F8 | 2 | PREZIOSO PLATFORM - AGIP-SESI |
| NAVALMARE - LA SPEZIA | GLYCOL | 3"/M53.C8 | 2 | BARBARA "F" /CWC PLATFORM |
| | GLYCOL | 3"/M53.C8 | 1 | GARIBALDI "C" GAS PLATFORM - AGIP SNOR/04 |
| NUOVA OMA - GROPPOLI (MS) | DIESEL OIL | 2"/L53.C8 | 1 | BARBARA "E" PLATFORM |
| NUOVO PIGNONE SPA - FIRENZE | WATER | 1"/A11.F8 | 1 | PREZIOSO PLATFORM - AGIP SESI |
| | OIL | 3"/A13.F8 | 1 | |
| | OIL | 8"/H18.F8 | 2 | |
| OMV - WIEN | CRUDE OIL | 2"/A12.C8 | 1 | CRUDE OIL WELLS - AUSTRIA |
| | | 2"/A12.C8 | 1 | |

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| PERONI & C. SPA - MILANO | DEOLEATED | 1"/A06.C8 | 1 | BRONTE (CT) GAS PLANT |
| | WATER | 2"/A12.C8 | 1 | BRONTE (CT) GAS PLANT |
| | DIET. GLYCOL | 2"/A53.C8 | 1 | LUNA "B" PLATFORM - AGIP |
| | GASOIL | 2"/A53.C8 | 2 | GIOVANNA / LUNA "B" PLATFORMS |
| PETROCHEM. INT. INSTR. CO.- MILANO | OIL | 2"/L53.C5 | 1 | F. 10 PLATFORM RED SEA |
| | WATER | 3"/A53.C8 | 1 | |
| | | 3"/A13.C8 | 1 | |
| | OIL | 4"/M24.C5 | 1 | |
| PETROLITE FRANCE SA | WATER | 3"/L53.C8 | 1 | TORRENTE TONA (CH) OIL FIELD ELECTROSTATIC DESALATION |
| PIERO BENELLI SRL - RAVENNA | GLYCOL | 2"/M22.C8 | 1 | AGOSTINO "C" GAS PLATFORM - AGIP SNOR/04 |
| | DIET. GLYCOL | 2"/L22.C8 | 1 | GARIBALDI "D" AGIP DIRA/04 |
| PREMABERGO ITALIANA - MILANO | CRUDE OIL | 4"/M24.C8 | 2 | NORTH RIMAL FIELD, LYBIA |
| | | 3"/M13.C8 | 2 | |
| | WATER | 1"/M11.C8 | 2 | |
| | | 2"/M53.C8 | 2 | |
| | CRUDE OIL | 4"/H24.C8 | 1 | RAS GARRA PLANT EGYPT |
| RACO SRL - MILANO | DIESEL OIL | 3"/A53.C5 | 1 | RAS GARRA PLANT EGYPT |
| ROSETTI M. - RAVENNA | GLYCOL | 2"/M12.C8 | 2 | AMELIA FIELD AMELIA "C" |
| | METHANOL | 2"/L12.C8 | 1 | PLATFORM - AGIP SNOR SICILIA |
| | GLYCOL | 2"/M12.C8 | 1 | DARIA "B" PLATFORM - AGIP DIRA |
| | GASOIL | 2"/L12.C8 | 1 | |
| SELM SPA - MILANO | DILUENT | 8"/A18.C8 | 1 | VEGA OIL FIELD DEVELOPMENT |
| | GASOLINE | | 1 | OFF-SHORE SICILY PLATFORM |
| | CRUDE OIL | | 1 | |
| | DIESEL OIL | 4"/A24.C8 | 1 | |
| | OILY WATER | 2"/A53.F8 | 1 | |
| | SALTY | | | |
| | DIESEL OIL | 1"/AL11.C8 | 3 | |
| H.C. | 1"/AL51.G9 | 1 | | |
| SELM SPA - SIRACUSA | CRUDE OIL | 2"/A53.C8 | 1 | VEGA OIL FIELD DEVELOPMENT OFF-SHORE SICILY PLATFORM |

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| SICES SPA - LONATE C.(VA) | CRUDE OIL | 3"/L13.C8 | 2 | TORRENTE TONA (CH) OIL FIELD - |
| | WATER | 2"/L12.C8 | 1 | AGIP SPA |
| | WATER | 3"/A13.C8 | 1 | ABU-RUDEIS, EXPANSION UNIT, |
| | | 4"/A24.C8 | 1 | PETROBEL EGYPT |
| | DIET. GLYCOL | 2"/L22.C8 | 1 | BARBARA "G" PLATFORM |
| | WATER | 3"/M53.F8 | 1 | MONTE ALPI (MT) OIL CENTER - AGIP |
| | WATER | 2"/L12.F8 | 1 | / DORT |
| | OIL | 4"/L14.F8 | 1 | |
| | CRUDE OIL | 4"/H14.C8 | 4 | TRECATE (NO) OIL FIELD - AGIP |
| | SHIRTEC SPA- MILANO | WATER | 3"/H53.C8 | 1 |
| CRUDE OIL | | 4"/H14.C8 | 1 | RATOR |
| | | 1"/H11.C8 | 1 | |
| OIL API 27-36 | | 3"/A13.C5 | 1 | T.S. UNIT K.O.C. KUWAIT |
| | | | | GBELY, WELL TEST C.S.S.R. |
| CRUDE OIL | | 2"/H12.C8 | 1 | |
| CRUDE OIL | | 2"/H53.C8 | 2 | AGBARA FIELD DEVELOPMENT/ |
| WATER | | 2"/H12.C8 | 1 | AGIP SPA EGYPT |
| OIL | | 3"/A13.C8 | 1 | NILDE OIL FIELD, SICILY CHANNEL, |
| OIL | | 3"/A53.C8 | 1 | OIL-WATER SEPARATOR - AGIP |
| WATER | | 2"/A12.C8 | 1 | |
| WATER | | 3"/A13.C8 | 1 | |
| CRUDE+WATER | | 3"/L13.C8 | 1 | HZ-21-1 FIELD DEVELOPMENT ACT- |
| WATER | | 8"/A28.C8 | 1 | OG'S SOUTH CHINA SEA |
| CRUDE | | 6"/A18.C8 | 1 | |
| CRUDE | | 10"/A110.C5 | 1 | HZ-26-1 FIELD DEVELOPMENT ACT- |
| WATER | | 10"/A210.C8 | 1 | OG'S SOUTH CHINA SEA |
| WATER | | 2"/L53.C8 | 1 | HZ-26-1 FIELD DEVELOPMENT |
| | | | | MII SOUTH CHINA SEA |
| | | HC (CRUDE) | 3"/L13.C8 | 1 |
| | MEG | 3"/A13.C8 | 2 | JZ-20.2 SOUTH HIGH - B.O.C. |
| | | 1"/A51.C8 | 1 | LIAO DONG BAY - CHINA |
| | CRUDE OIL | 2"/H22.C8 | 2 | MONTE ALPI 4 (MT) COLLECTION |
| | WATER | 2"/H12.C8 | 2 | NETWORK - AGIP |
| SHIRTEC NIGI SPA - MILANO | CRUDE OIL + | 3"/H13.C8 | 1 | AGBARA PLATFORM/ AENR - |
| | WATER | | | NIGERIA |
| | CRUDE OIL W. | 4"/M24.C8 | 1 | CPP-2 PLATFORM/ KOLON I.C. |
| | | 8"/M28.C8 | 4 | WHITE TIGER PROJECT (TEST |
| | | 12"/L212.C5 | 2 | SEPARATOR) VIETNAM |
| | WATER | 3"/M53.C8 | 1 | OBIAFU - OBIKOM GAS PLANT NAOC- |
| | CRUDE OIL | 2"/M22.C8 | 1 | NIGERIA |
| | GASOLINA | 1"/X51.C8 | 4 | TORRENTE BAGANZA 1 WELL, GAS |
| | | | | TREATMENT, FIAT RIMI/ FORNOVO |
| | | | | TARO (PR) |
| SIPEX SRL - SASSARI | CRUDE OIL | 4"/H14.C8 | 2 | EBOCHA OIL CENTER |
| | | 2"/H12.C8 | 1 | NAOC - NIGERIA |
| | WATER | 2"/H22.C8 | 1 | |

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| SNAMPROGETTI SPA - MILANO | DIESEL OIL | 2"/A53.C8 | 1 | BARBARA "D" PLATFORM |
| SO.ME.CO. SRL - SALANDRA (MT) | GASOIL | 3"/A13.C8 | 1 | AGOSTINO "C" GAS PLATFORM |
| SPIE BATIGNOLLES FRANCE | CRUDE OIL | 6"/M16.C8 | 1 | OGBAINBIRI OIL FIELD 1ST PHASE DEVELOPMENT - NAOC NIGERIA |
| TECNOCO SRL - MILANO | OIL | 3"/L53.C8 | 1 | OIL WATER SEPARATORS |
| | | 1"/L51.C8 | 1 | |
| | WATER | 1"/L51.C8 | 1 | |
| | WATER | 2"/H12.C8 | 1 | |
| | CRUDE OIL | 2"/H12.C8 | 1 | |
| | | 4"/H14C.C8 | 1 | |
| TOZZI SUD SPA - RAVENNA | GASOIL | 3"/A13.C8 | 1 | CERVIA "C" GAS PLATFORM - AGIP SNOR/04 |
| 3P PROGETTI SPA - ROMA | CRUDE OIL | 10"/M112.C5 | 3 | BOURI PLATFORM - LYBIA |
| | | 6"/A114.C5 | 6 | |
| ZAMA SPA - LIVORNO | DEMI WATER | 1"/A51.C8 | 1 | MONTE ALPI (MT) PLANT - AGIP ACTIVE DESULP. UNIT 300 |

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Aprilia, 07/01.

(S.N. 124.3578)