



PART A: STATIONS AT ENTRY POINTS

UNOFFICIAL TRANSLATION

SIDIROKASTRO (U-2010)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.3 & B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	47,75 barg / 55 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	-
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +40 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+6 °C / +40 °C
OPERATING PRESSURE	-
OPERATING TEMPERATURE	-
DESIGN CAPACITY	662200 Nm ³ /h
METERING SKID DESIGN CAPACITY	218500 Nm ³ /h
STATION BYPASS METERING SKID CAPACITY	300000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	<ul style="list-style-type: none"> ▪ Five (5) Orifice meters, and ▪ One (1) Ultrasonic meter and one (1) Turbine meter at the Station's by-pass metering skid
NUMBER OF INSTALLED METERING SKIDS	5
NUMBER OF INSTALLED CHROMATOGRAPHS	3
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, ΔP=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,65%
INSTALLATION DETAILS	
METERS CAPACITY	-
METERS DIAMETER	220 mm
METERING SKID DIAMETER	400 mm
BY-PASS METERING SKID DIAMETER	300 mm
FLOW STRAIGHTENER DESIGN	-

Note:

Three (3) metering skids can be in operation, while the remaining two (2) can be in standby mode. The Station by-pass metering skid includes one (1) ultrasonic meter and (1) turbine meter connected serially, and it is activated only in extraordinary situations.

AGIA TRIADA (U-3020)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	38,4 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	37,9 barg / 66,4 barg
MINIMUM / MAXIMUM INLET TEMPERATURE	+ 3°C / + 19°C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+ 3°C / + 19°C
OPERATING PRESSURE	-
OPERATING TEMPERATURE	-
DESIGN CAPACITY	519554 Nm ³ /h
METERING SKID DESIGN CAPACITY	278640 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	3
NUMBER OF INSTALLED CHROMATOGRAPHS	2
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METERS CAPACITY	G4000
METERS DIAMETER	400 mm
METERING SKID DIAMETER	400 mm
FLOW STRAIGHTENER DESIGN	ISO 5167 Type C, bundle of 19 tubes

Note:

Two (2) metering skids can be in operation, while the third one can be in standby mode.

KIPI (U-3900)

KIPI (U-3900)	
DESIGN DETAILS	
DESIGN CODE	EN 1776
DESIGN PRESSURE	80 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	50 barg / 75 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	-
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	-
OPERATING TEMPERATURE	-
DESIGN CAPACITY	856164 Nm ³ /h
METERING SKID DESIGN CAPACITY	551750 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	<ul style="list-style-type: none"> ▪ Three (3) Turbine meters, ▪ Three (3) Ultrasonic meters, and ▪ One (1) Ultrasonic meter for the Station's by-pass metering skid
NUMBER OF INSTALLED METERING SKIDS	3
NUMBER OF INSTALLED CHROMATOGRAPHS	3
METERING EQUIPMENT TOTAL PROBABLE ERROR	P=±0,07%, T=±0,14°C
ENERGY UNCERTAINTY	±0,32%
INSTALLATION DETAILS	
TURBINE METERS CAPACITY	G10000
METERS DIAMETER	500 mm
METERING SKID DIAMETER	500 mm
BYPASS METERING SKID DIAMETER	750 mm
FLOW STRAIGHTENER DESIGN	ISO 5167

Note:

Two (2) metering skids can be in operation, while the third one can be in standby mode. Each metering skid includes one (1) turbine meter for invoicing purposes and (1) ultrasonic meter for checking purposes. The Station's by-pass metering skid includes one (1) ultrasonic meter and one (1) chromatograph and it is activated only in extraordinary situations. The Station's by-pass metering skid capacity is equal to 70% of the Station's design capacity.

PART B: STATIONS AT EXIT POINTS

UNOFFICIAL TRANSLATION

AdG (U-2820)

AdG (U-2820)	
DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	35 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	-
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	-
OPERATING TEMPERATURE	-
DESIGN CAPACITY	100000 Nm ³ /h
METERING SKID DESIGN CAPACITY	100000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	2
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,65%
INSTALLATION DETAILS	
METERS CAPACITY	G2500
METERS DIAMETER	300 mm
METERING SKID DIAMETER	300 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

AdG III (TM1/TM5)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	35 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	-
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	+15 °C
DESIGN CAPACITY	25000 Nm ³ /h
METERING SKID DESIGN CAPACITY	25000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,46%
INSTALLATION DETAILS	
METERS CAPACITY	G1600
METERS DIAMETER	200 mm
METERING SKID DIAMETER	200 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

MOTOR OIL (U-7130)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	35 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	-
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	-
OPERATING TEMPERATURE	-
DESIGN CAPACITY	100000 Nm ³ /h
METERING SKID DESIGN CAPACITY	100000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,5%
INSTALLATION DETAILS	
METERS CAPACITY	G2500
METERS DIAMETER	300mm
METERING SKID DIAMETER	300mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

AG. THEODOROI (U-7045)

DESIGN DETAILS	
DESIGN CODE	ASME B31.8
DESIGN PRESSURE	80 barg
DESIGN TEMPERATURE	-20 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	-
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg / 19 barg
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16.7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	11500 Nm ³ /h
METERING SKID DESIGN CAPACITY	11500 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,65%
INSTALLATION DETAILS	
METERS CAPACITY	G400
METERS DIAMETER	150 mm
METERING SKID DIAMETER	150 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

NORTH ATHENS (U-2910)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	32,1 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	-3 °C / +24 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+3 °C / +7 °C
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	110219 Nm ³ /h
METERING SKID DESIGN CAPACITY	110219 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METERS CAPACITY	G4000
METERS DIAMETER	400 mm
METERING SKID DIAMETER	400 mm
FLOW STRAIGHTENER DESIGN	ISO 5167 Type C, bundle of 19 tubes

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

EAST ATHENS (U-2940)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	40 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	27,6 barg / 37,7 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	-2 °C / +24 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+3 °C / +11 °C
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	110219 Nm ³ /h
METERING SKID DESIGN CAPACITY	110219 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METERS CAPACITY	G4000
METERS DIAMETER	400 mm
METERING SKID DIAMETER	400 mm
FLOW STRAIGHTENER DESIGN	ISO 5167 Type C, bundle of 19 tubes

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

WEST ATHENS (U-2990)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	26,8 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg / -
MINIMUM / MAXIMUM INLET TEMPERATURE	-4 °C / -
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+3 °C / -
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	110213 Nm ³ /h
METERING SKID DESIGN CAPACITY	110213 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METERS CAPACITY	G4000
METERS DIAMETER	400 mm
METERING SKID DIAMETER	400 mm
FLOW STRAIGHTENER DESIGN	ISO 5167 Type C, bundle of 19 tubes

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

ASPROPYRGOS (U-2970)

DESIGN DETAILS	
DESIGN CODE	ASME B31.8 / PED
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	30 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg / 25 barg
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM OUTLET TEMPERATURE	-5 °C
OPERATING PRESSURE	23,0 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	30.000 Nm ³ /h
METERING SKID DESIGN CAPACITY	30.000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Ultrasonic meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METER TYPE	ALTOSONIC V12 – 8”
METERS DIAMETER	200 mm
METERING SKID DIAMETER	200 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

ALEXANDROUPOLIS (U-3630)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	80 barg
DESIGN TEMPERATURE	- / -
MINIMUM / MAXIMUM INLET PRESSURE	- / 75 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	- / -
MINIMUM / MAXIMUM INLET TEMPERATURE	+5 °C / +26 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	-
OPERATING TEMPERATURE	-
DESIGN CAPACITY	28000 Nm ³ /h
METERING SKID DESIGN CAPACITY	28000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,65%
INSTALLATION DETAILS	
METERS CAPACITY	G1000
METERS DIAMETER	200 mm
METERING SKID DIAMETER	200 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

PPC ALIVERI (U-6370)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-20 °C / +60 °C
MINIMUM / MAXIMUM INLET PRESSURE	26 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	25 barg / -
MINIMUM / MAXIMUM INLET TEMPERATURE	+5 °C / +24 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+5 °C / +24 °C
OPERATING PRESSURE	35 barg
OPERATING TEMPERATURE	+15 °C
DESIGN CAPACITY	160000 Nm ³ /h
METERING SKID DESIGN CAPACITY	160000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Ultrasonic meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	2
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,65%
INSTALLATION DETAILS	
METERS CAPACITY	12300 m ³ /h
METERS DIAMETER	381 mm
METERING SKID DIAMETER	381 mm
FLOW STRAIGHTENER DESIGN	bundle of tubes

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

VIPE LARISSA (U-2515)

DESIGN DETAILS	
DESIGN CODE	EN 1776
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +60 °C
MINIMUM / MAXIMUM INLET PRESSURE	35 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	+5 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	10000 Nm ³ /h
METERING SKID DESIGN CAPACITY	10000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,25%, T=±0,3°C
ENERGY UNCERTAINTY	±1,15%
INSTALLATION DETAILS	
METERS CAPACITY	G 400
METERS DIAMETER	150 mm
METERING SKID DIAMETER	-
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

VOLOS (U-2680)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	45,3 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg / -
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / -
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+3 °C / -
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	51643 Nm ³ /h
METERING SKID DESIGN CAPACITY	51643 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METERS CAPACITY	G1600
METERS DIAMETER	250 mm
METERING SKID DIAMETER	250 mm
FLOW STRAIGHTENER DESIGN	ISO 5167 Type C, bundle of 19 tubes

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

VFL (U-2170)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	33,2 barg / 55 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	32,7 barg / -
MINIMUM / MAXIMUM INLET TEMPERATURE	+7 °C / -
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	-
OPERATING TEMPERATURE	-
DESIGN CAPACITY	24309 Nm ³ /h
METERING SKID DESIGN CAPACITY	24309 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METERS CAPACITY	G650
METERS DIAMETER	150 mm
METERING SKID DIAMETER	150 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

DRAMA (U-2140)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	35 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	28000 Nm ³ /h
METERING SKID DESIGN CAPACITY	28000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,65%
INSTALLATION DETAILS	
METERS CAPACITY	G1000
METERS DIAMETER	200 mm
METERING SKID DIAMETER	200 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

EKO (U-2250)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	39 barg / 55 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg / -
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / -
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+4 °C / +18 °C
OPERATING PRESSURE	34,5 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	18027 Nm ³ /h
METERING SKID DESIGN CAPACITY	18027 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METERS CAPACITY	G400
METERS DIAMETER	150 mm
METERING SKID DIAMETER	150 mm
FLOW STRAIGHTENER DESIGN	ISO 5167 Type C, bundle of 19 tubes

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

HERONAS (U-6020)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-29 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	25,5 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	25 barg / -
MINIMUM / MAXIMUM INLET TEMPERATURE	+5 °C / +24 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+5 °C / +24 °C
OPERATING PRESSURE	45 barg
OPERATING TEMPERATURE	+10°C
DESIGN CAPACITY	40000 Nm ³ /h
METERING SKID DESIGN CAPACITY	40000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Ultrasonic meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	2
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,65%
INSTALLATION DETAILS	
METERS CAPACITY	2500 m ³ /h
METERS DIAMETER	200 mm
METERING SKID DIAMETER	200 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

HERON II (U-6030)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	80 barg
DESIGN TEMPERATURE	-20 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	30,5 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	30 barg / -
MINIMUM / MAXIMUM INLET TEMPERATURE	+5 °C / +24 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+5 °C / +24 °C
OPERATING PRESSURE	45 barg
OPERATING TEMPERATURE	+10°C
DESIGN CAPACITY	85000 Nm ³ /h
METERING SKID DESIGN CAPACITY	85000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Ultrasonic meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,65%
INSTALLATION DETAILS	
METERS CAPACITY	7000 m ³ /h
METERS DIAMETER	300 mm
METERING SKID DIAMETER	300 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

THESSALONIKI NORTH (U-2240)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	35,6 barg / 55 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg / -
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / -
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+3 °C / -
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	72527 Nm ³ /h
METERING SKID DESIGN CAPACITY	72527 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METERS CAPACITY	G2500
METERS DIAMETER	300 mm
METERING SKID DIAMETER	300 mm
FLOW STRAIGHTENER DESIGN	ISO 5167 Type C, bundle of 19 tubes

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

THESSALONIKI EAST (U-2220)	
DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	34,2 barg / 55 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +24 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+3 °C / +7 °C
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	72527 Nm ³ /h
METERING SKID DESIGN CAPACITY	72527 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METERS CAPACITY	G2500
METERS DIAMETER	300 mm
METERING SKID DIAMETER	300 mm
FLOW STRAIGHTENER DESIGN	ISO 5167 Type C, bundle of 19 tubes

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

THRIASSIO (U-2960)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	36,5 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg / -
MINIMUM / MAXIMUM INLET TEMPERATURE	-3 °C / -
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-3 °C / -
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	50705 Nm ³ /h
METERING SKID DESIGN CAPACITY	50705 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METERS CAPACITY	G2500
METERS DIAMETER	250 mm
METERING SKID DIAMETER	250 mm
FLOW STRAIGHTENER DESIGN	ISO 5167 Type C, bundle of 19 tubes

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

KAVALA (TM4-A)

KAVALA (TM4-A)	
DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	35 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	+5 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	10000 Nm ³ /h
METERING SKID DESIGN CAPACITY	10000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	1+(1)
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,3%, T=±0,3°C
ENERGY UNCERTAINTY	±1,15%
INSTALLATION DETAILS	
METERS CAPACITY	G 400
METERS DIAMETER	150 mm
METERING SKID DIAMETER	150 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one with similar meter type prediction will be in standby mode.

KARDITSA (TM3-A)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	35 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	+5 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	20000 Nm ³ /h
METERING SKID DESIGN CAPACITY	20000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	1+(1)
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,3%, T=±0,3°C
ENERGY UNCERTAINTY	±1,15%
INSTALLATION DETAILS	
METERS CAPACITY	G 1000
METERS DIAMETER	150 mm
METERING SKID DIAMETER	150 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one with similar meter type prediction will be in standby mode.

KATERINI (U-2340)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	35 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	20000 Nm ³ /h
METERING SKID DESIGN CAPACITY	28000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,65%
INSTALLATION DETAILS	
METERS CAPACITY	G1000
METERS DIAMETER	200 mm
METERING SKID DIAMETER	200 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

PPC KERATSINI (U-3090)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	40 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	18 barg / 18,2 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	17,6 barg / -
MINIMUM / MAXIMUM INLET TEMPERATURE	+3 °C/ -
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+3 °C/ -
OPERATING PRESSURE	17,6 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	102153 Nm ³ /h
METERING SKID DESIGN CAPACITY	102153 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	2
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METERS CAPACITY	G4000
METERS DIAMETER	400 mm
METERING SKID DIAMETER	400 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

KILKIS (U-2260)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	35 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	44000 Nm ³ /h
METERING SKID DESIGN CAPACITY	44000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,65%
INSTALLATION DETAILS	
METERS CAPACITY	G1600
METERS DIAMETER	250 mm
METERING SKID DIAMETER	250 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

KOKKINA (U-2670)

DESIGN DETAILS	
DESIGN CODE	EN 1776
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +60 °C
MINIMUM / MAXIMUM INLET PRESSURE	35 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	+5 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	10000 Nm ³ /h
METERING SKID DESIGN CAPACITY	10000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,25%, T=±0,3°C
ENERGY UNCERTAINTY	±1,15%
INSTALLATION DETAILS	
METERS CAPACITY	G 400
METERS DIAMETER	150 mm
METERING SKID DIAMETER	-
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

PPC KOMOTINI (U-3570)	
DESIGN DETAILS	
DESIGN CODE	ASME VIII Div.1
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	40 barg / 55 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	28 barg / 35 barg
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +24 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+3 °C / +26 °C
OPERATING PRESSURE	-
OPERATING TEMPERATURE	-
DESIGN CAPACITY	108000 Nm ³ /h
METERING SKID DESIGN CAPACITY	54000 Nm ³ /h
ULTRASONIC METERING SKID DESIGN CAPACITY	20000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	<ul style="list-style-type: none"> ▪ Three (3) Orifice meters ▪ Two (2) Ultrasonic meters
NUMBER OF INSTALLED METERING SKIDS	3+2
NUMBER OF INSTALLED CHROMATOGRAPHS	2
METERING EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, ΔP=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,65%
INSTALLATION DETAILS	
METERS CAPACITY	-
METERS DIAMETER	115 mm
METERING SKID DIAMETER	200 mm
FLOW STRAIGHTENER DESIGN	ISO 5167 Z3573

Note:

Two (2) orifice metering skids can be in operation, while the third one can be in standby mode.

One (1) ultrasonic metering skid can be in operation, while the second one can be in standby mode.

KOMOTINI (TM3-C)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	35 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	+5 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	20000 Nm ³ /h
METERING SKID DESIGN CAPACITY	20000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	1+(1)
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,3%, T=±0,3°C
ENERGY UNCERTAINTY	±1,15%
INSTALLATION DETAILS	
METERS CAPACITY	G 1000
METERS DIAMETER	150 mm
METERING SKID DIAMETER	150 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one with similar meter type prediction will be in standby mode.

LAMIA (U-2620)	
DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	35 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg / -
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	28000 Nm ³ /h
SKID DESIGN CAPACITY	28000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,65%
INSTALLATION DETAILS	
METERS CAPACITY	G1000
METERS DIAMETER	200 mm
METERING SKID DIAMETER	200 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) regulating skid can be in operation, while the second one can be in standby mode.

NORTH LARISSA (U-2520)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	45,4 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg / -
MINIMUM / MAXIMUM INLET TEMPERATURE	+8 °C / -
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+3 °C / -
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	25910 Nm ³ /h
METERING SKID DESIGN CAPACITY	25910 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METERS CAPACITY	G1000
METERS DIAMETER	200 mm
METERING SKID DIAMETER	200 mm
FLOW STRAIGHTENER DESIGN	ISO 5167 Type C, bundle of 19 tubes

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

SOUTH LARISSA (U-2530)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	45,4 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	+7 °C / +24 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+3 °C / +7 °C
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	25910 Nm ³ /h
METERING SKID DESIGN CAPACITY	25910 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METERS CAPACITY	G1000
METERS DIAMETER	200 mm
METERING SKID DIAMETER	200 mm
FLOW STRAIGHTENER DESIGN	ISO 5167 Type C, bundle of 19 tubes

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

PPC LAVRIO (U-3430)

DESIGN DETAILS	
DESIGN CODE	ASME VIII Div.1
DESIGN PRESSURE	40 barg
DESIGN TEMPERATURE	-10 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	26,5 barg / 37,5 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	25 barg / 40 barg
MINIMUM / MAXIMUM INLET TEMPERATURE	+3 °C / +26 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+3 °C / +26 °C
OPERATING PRESSURE	-
OPERATING TEMPERATURE	-
DESIGN CAPACITY	240000 Nm ³ /h
METERING SKID DESIGN CAPACITY	80000 Nm ³ /h
ULTRASONIC METERING SKID DESIGN CAPACITY	19000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	<ul style="list-style-type: none"> ▪ Four (4) Orifice meters ▪ Two (2) Ultrasonic meters
NUMBER OF INSTALLED METERING SKIDS	4+2
NUMBER OF INSTALLED CHROMATOGRAPHS	2
METERING EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, ΔP=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,65%
INSTALLATION DETAILS	
METERS CAPACITY	-
METERS DIAMETER	150 mm
METERING SKID DIAMETER	250 mm
FLOW STRAIGHTENER DESIGN	ISO 5167 Z3433

Note:

Three (3) orifice metering skids can be in operation, while the fourth one can be in standby mode.
One (1) ultrasonic metering skid can be in operation, while the second one can be in standby mode.

MARKOPOYLO (TM2)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	25,8 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	+5 °C / -
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	11500 Nm ³ /h
METERING SKID DESIGN CAPACITY	11500 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter & Rotary meter
NUMBER OF INSTALLED METERING SKIDS	1+1
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,3%, T=±0,3°C
ENERGY UNCERTAINTY	±1,15%
INSTALLATION DETAILS	
METERS CAPACITY	G 1000 , G 160 (Rotary)
METERS DIAMETER	150 mm
METERING SKID DIAMETER	150 mm
FLOW STRAIGHTENER DESIGN	-

PPC MEGALOPOLIS (U-7320)

DESIGN DETAILS	
DESIGN CODE	ASME B31.8 / PED
DESIGN PRESSURE	80 barg
DESIGN TEMPERATURE	-20 °C / +60 °C
MINIMUM / MAXIMUM INLET PRESSURE	25 barg / 75 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	25 barg / 75 barg
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM OUTLET TEMPERATURE	0 °C
OPERATING PRESSURE	32 barg – 66,4 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	160000 Nm ³ /h
METERING SKID DESIGN CAPACITY	160000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Ultrasonic meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	2
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,35°C
ENERGY UNCERTAINTY	≤ ±0,65%
INSTALLATION DETAILS	
METER TYPE	ELSTER-INSTROMET Q-SONIC 5 - 16"
METERS DIAMETER	400 mm
METERING SKID DIAMETER	400 mm
FLOW STRAIGHTENER DESIGN	FLOW CONDITIONER TYPE FS-3 – S.S.316

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

XANTHI (U-3530)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	35 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	44000 Nm ³ /h
METERING SKID DESIGN CAPACITY	44000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,65%
INSTALLATION DETAILS	
METERS CAPACITY	G1600
METERS DIAMETER	250 mm
METERING SKID DIAMETER	250 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

INOFYTA (U-2880)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	36,3 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	+5 °C / +24 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+3 °C / +7 °C
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	26508 Nm ³ /h
METERING SKID DESIGN CAPACITY	26508 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METERS CAPACITY	G1000
METERS DIAMETER	200 mm
METERING SKID DIAMETER	200 mm
FLOW STRAIGHTENER DESIGN	ISO 5167 Type C, bundle of 19 tubes

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

PLATY (U-2410)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-15 °C / +50 °C
MINIMUM / MAXIMUM INLET PRESSURE	43,8 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg / -
MINIMUM / MAXIMUM INLET TEMPERATURE	+10 °C / +24 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	+3 °C / +7 °C
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	21488 Nm ³ /h
METERING SKID DESIGN CAPACITY	21488 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,47%
INSTALLATION DETAILS	
METERS CAPACITY	G1000
METERS DIAMETER	200 mm
METERING SKID DIAMETER	200 mm
FLOW STRAIGHTENER DESIGN	ISO 5167 Type C, bundle of 19 tubes

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

SERRES (U-2110)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	35 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	44000 Nm ³ /h
METERING SKID DESIGN CAPACITY	44000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,65%
INSTALLATION DETAILS	
METERS CAPACITY	G1600
METERS DIAMETER	250 mm
METERING SKID DIAMETER	250 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.

TRIKALA (TM3-B)

DESIGN DETAILS	
DESIGN CODE	ANSI B31.8
DESIGN PRESSURE	70 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	35 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg /-
MINIMUM / MAXIMUM INLET TEMPERATURE	+5 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	20000 Nm ³ /h
METERING SKID DESIGN CAPACITY	20000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	1+(1)
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,3%, T=±0,3°C
ENERGY UNCERTAINTY	±1,15%
INSTALLATION DETAILS	
METERS CAPACITY	G 1000
METERS DIAMETER	150 mm
METERING SKID DIAMETER	150 mm
FLOW STRAIGHTENER DESIGN	-

Note:

One (1) metering skid can be in operation, while the second one with similar meter type prediction will be in standby mode.

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