



PART A: STATIONS AT ENTRY POINTS

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	840000 Nm ³ /h
METERING SKID DESIGN CAPACITY	420000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Ultrasonic 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	12000 m ³ /h
METERS DIAMETER	400 mm
METERING SKID DIAMETER	400 mm
FLOW STRAIGHTENER DESIGN	-

Note:

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

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	▪ 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.

NEA MESIMVRIA (U-6910)

DESIGN DETAILS	
DESIGN CODE	EN1594
DESIGN PRESSURE	95 barg
DESIGN TEMPERATURE	-24 °C / +80 °C
MINIMUM / MAXIMUM INLET PRESSURE	50 barg / 93 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	-
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +24 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	-
OPERATING TEMPERATURE	-
DESIGN CAPACITY	417000 Nm ³ /h
METERING SKID DESIGN CAPACITY	208500 Nm ³ /h
METERING INFRASTRUCTURE	
METER (EQUIPMENT) TYPE	Six (6) Ultrasonic meters One (1) Ultrasonic meter for the Station's by-pass metering skid
NUMBER OF INSTALLED METERING SKIDS	3
NUMBER OF INSTALLED CHROMATOGRAPHS	3
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,46%
INSTALLATION DETAILS	
ULTRASONIC CAPACITY	ALTOSONIC V12 – 12" – 4700 m ³ /h
METER DIAMETER	300 mm
METERING SKID DIAMETER	300 mm
FLOW STRAIGHTNER DESIGN	Min 30 X DN

Note:

Two (2) metering skids can be in operation, while the third one can be in standby mode. Each metering skid includes one (1) ultrasonic meter for invoicing purposes and one (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 50% of the Station's design capacity.

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 PRESSURE	+6 °C / +40 °C
OPERATING PRESSURE	-
OPERATING TEMPERATURE	-
DESIGN CAPACITY	662200 Nm ³ /h
METERING SKID DESIGN CAPACITY	8000 m ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Three (3) Ultrasonic meters One (1) Ultrasonic meter and one (1) Turbine meter at the Station's by-pass metering skid
NUMBER OF INSTALLED METERING SKIDS	3
NUMBER OF INSTALLED CHROMATOGRAPHS	3
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=0,075%, T=±0,15°C
ENERGY UNCERTAINTY	±0,55%
INSTALLATION DETAILS	
METERS CAPACITY	-
METERS DIAMETER	400 mm
METERING SKID DIAMETER	400 mm
FLOW STRAIGHTENER DESIGN	Flow conditioning element

Note:

Two (2) metering skids can be in operation, while the third one can be in standby mode. The Station's by-pass metering skid includes one (1) ultrasonic meter and one (1) turbine meter, is activated only in extraordinary situations and cannot be used for reversing the flow towards the upstream Connected Natural Gas Transmission System. The Station's by-pass metering skid capacity is 250.000 Nm³/h.

PART B: STATIONS AT EXIT POINTS

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	±0,45%
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 B (U-2830)

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
INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM OUTLET TEMPERATURE	0 °C
OPERATING PRESSURE	45 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	100.000 Nm ³ /h
METERING SKID DESIGN CAPACITY	100.000 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	±0,42%
INSTALLATION DETAILS	
METERS CAPACITY	ALTOSONIC V12 – 12"
METERS DIAMETER	300 mm
METERING SKID DIAMETER	300 mm
FLOW STRAIGHTENER DESIGN	Flow Conditioner (10 X DN)

Note:

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

AdG III (U-2840)	
DESIGN DETAILS	
DESIGN CODE	EN 1594 / EN 13480
DESIGN PRESSURE	80 barg
DESIGN TEMPERATURE	-20 °C / +60 °C
MINIMUM / MAXIMUM INLET PRESSURE	25 barg / 75 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	-
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM / MAXIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	23.500 Nm³/h
METERING SKID DESIGN CAPACITY	23.500 Nm³/h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	2 (1+1)
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,40%
INSTALLATION DETAILS	
METERS CAPACITY	G1000
METERS DIAMETER	150 mm (6")
METERING SKID DIAMETER	150 mm (6")
FLOW STRAIGHTENER DESIGN	-

Note:

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

AdG IV (U-2850)

DESIGN DETAILS	
DESIGN CODE	EN 1594 / EN 13480
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
INLET TEMPERATURE	+6°C / +25 °C
MINIMUM OUTLET TEMPERATURE	+6 °C
OPERATING PRESSURE	25 barg / 75 barg
OPERATING TEMPERATURE	+6°C / +25 °C
DESIGN CAPACITY	142.500 Nm ³ /h
METERING SKID DESIGN CAPACITY	142.500 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Μετρητής Υπερήχων
NUMBER OF INSTALLED METERING SKIDS	2 (1+1)
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,40%
INSTALLATION DETAILS	
METERS CAPACITY	8000 m ³ /h
METERS DIAMETER	350 mm (14")
METERING SKID DIAMETER	350 mm (14")
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	25 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	25 barg / 66,4 barg
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.

MOTOR OIL B (U-7140)	
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
INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM OUTLET TEMPERATURE	0 °C
OPERATING PRESSURE	45 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	100.000 Nm ³ /h
METERING SKID DESIGN CAPACITY	100.000 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	±0,42%
INSTALLATION DETAILS	
METERS CAPACITY	ALTOSONIC V12 – 12"
METERS DIAMETER	300 mm
METERING SKID DIAMETER	300 mm
FLOW STRAIGHTENER DESIGN	Flow Conditioner (10 X DN)

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.

ATHENS NORTH (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.

ATHENS EAST (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	-
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.

ATHENS WEST (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.

ATHENS HAR (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	±0,42%
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	-
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.

ELPE ELEFSINAS (U-7420)

DESIGN DETAILS	
DESIGN CODE	ASME B31.8 / PED
DESIGN PRESSURE	80 barg
DESIGN TEMPERATURE	-20 °C / +80 °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	45 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	47000 Nm ³ /h
METERING SKID DESIGN CAPACITY	47000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Ultrasonic meter
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	1
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,05%, T=±0,14°C
ENERGY UNCERTAINTY	±0,45%
INSTALLATION DETAILS	
METER TYPE	ELSTER-INSTROMET Q.SONICplus – 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.

ELPE DIAVATA (U-2270)

DESIGN DETAILS	
DESIGN CODE	ASME 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	35 barg / 66,4 barg
INLET TEMPERATURE	-
MINIMUM OUTLET TEMPERATURE	-
OPERATING PRESSURE	45 barg
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.

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 Nm³/h
METERING SKID DESIGN CAPACITY	40000 Nm³/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	±0,51%
INSTALLATION DETAILS	
METERS CAPACITY	2500 m³/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 B (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 Nm³/h
METERING SKID DESIGN CAPACITY	85000 Nm³/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	±0,51%
INSTALLATION DETAILS	
METERS CAPACITY	7000 m³/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	145054 Nm ³ /h
METERING SKID DESIGN CAPACITY	72527 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	3
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:

Two (2) metering skids can be in operation, while the third 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	145054 Nm ³ /h
METERING SKID DESIGN CAPACITY	72527 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Turbine meter
NUMBER OF INSTALLED METERING SKIDS	3
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:

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

THIVA (U-2740)	
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	17800 Nm ³ /h
METERING DESIGN CAPACITY	17800 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Στροβιλομετρητές (Turbinemeters)
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	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.

PP THISVI (U-6650)	
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
INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM OUTLET TEMPERATURE	0 °C
OPERATING PRESSURE	45 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	100.000 Nm ³ /h
METERING SKID DESIGN CAPACITY	100.000 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	±0,42%
INSTALLATION DETAILS	
METERS CAPACITY	ALTOSONIC V12 – 12"
METERS DIAMETER	300 mm
METERING SKID DIAMETER	300 mm
FLOW STRAIGHTENER DESIGN	Flow Conditioner (10 X DN)

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	-
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)	
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	-

KAVALA (U-2180)	
DESIGN DETAILS	
DESIGN CODE	EN 1594, EN ISO 3183, EN 12186, EN 1776
DESIGN PRESSURE	80 barg
DESIGN TEMPERATURE	-20 °C / +60 °C
MINIMUM / MAXIMUM INLET PRESSURE	25 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg / 19 barg
MINIMUM / MAXIMUM INLET TEMPERATURE	+5 °C / +25 °C
MINIMUM OUTLET TEMPERATURE	+ 5 °C
OPERATING PRESSURE	17,1 / 17,4 barg
OPERATING TEMPERATURE	+5 °C / +25 °C
DESIGN CAPACITY	8.900 Nm ³ /h
METERING SKID DESIGN CAPACITY	8.900 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	TURBINE FLOW METERS
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	–
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,40%
INSTALLATION DETAILS	
METERS CAPACITY	G400
METERS DIAMETER	DN100
METERING SKID DIAMETER	DN150
FLOW STRAIGHTENER DESIGN	–

Note:

One (1) metering skid can be in operation, while the second one can be in standby mode.
Standby valves are also installed for a future third metering/regulating skid.

KARDITSA (U-6240)	
DESIGN DETAILS	
DESIGN CODE	ANSI 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	17800 Nm ³ /h
METERING SKID DESIGN CAPACITY	17800 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	±0,38%
INSTALLATION DETAILS	
METERS CAPACITY	G 650
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.

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	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 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-2060)	
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	▪ 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 (U-3580)	
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.

KOSMIO (U-2550)	
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.

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.

LARISSA NORTH (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.

LARISSA SOUTH (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	▪ 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.

LIVADEIA (U-2710)	
DESIGN DETAILS	
DESIGN CODE	EN 127106, EN 1594, EN 13480, PED 2014/68 EU
DESIGN PRESSURE	80 barg
DESIGN TEMPERATURE	-20 °C / +60 °C
MINIMUM / MAXIMUM INLET PRESSURE	25 barg / 75 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg / 19 barg
INLET TEMPERATURE	5 °C / 25 °C
MINIMUM OUTLET TEMPERATURE	-5 °C
OPERATING PRESSURE	-
OPERATING TEMPERATURE	-
DESIGN CAPACITY	5.750 Nm ³ /h
METERING SKID DESIGN CAPACITY	5.750 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	Στροβιλομετρητές (Turbinemeters)
NUMBER OF INSTALLED M/R SKIDS	2 (1+1)
NUMBER OF INSTALLED CHROMATOGRAPHS	-
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14 °C
ENERGY UNCERTAINTY	±0,45%
INSTALLATION DETAILS	
METERS SIZE	G250
METERS DIAMETER	80 mm (3")
M/R SKID DIAMETER	80 mm (3")
FLOW STRAIGHTENER DESIGN	-

Note:

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

MARKOPOYLO (U-3460)	
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	-

MEGALOPOLI (TM-6)	
DESIGN DETAILS	
DESIGN CODE	EN 1594, EN ISO 3183, EN 1776, EN 12186
DESIGN PRESSURE	80 barg
DESIGN TEMPERATURE	-20 °C / +60 °C
MINIMUM / MAXIMUM INLET PRESSURE	25 barg / 66,4 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg / -
MINIMUM / MAXIMUM INLET TEMPERATURE	+5 °C / +25 °C
MINIMUM OUTLET TEMPERATURE	+5 °C
OPERATING PRESSURE	16,7 barg
OPERATING TEMPERATURE	–
DESIGN CAPACITY	12000 Nm ³ /h
METERING SKID DESIGN CAPACITY	12000 Nm ³ /h
METERING INFRASTRUCTURE	
METER TYPE	• Ultrasonic meter • Turbine meter
NUMBER OF INSTALLED METERING SKIDS	4 (2+2)
NUMBER OF INSTALLED CHROMATOGRAPHS	–
AUXILIARY EQUIPMENT TOTAL PROBABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,45%
INSTALLATION DETAILS	
METERS CAPACITY	• 1000 m³/h (ultrasonic meter) • 160 m³/h (G100) (turbine meter)
METERS DIAMETER	• 100 mm (ultrasonic meter) • 50 mm (turbine meter)
METERING SKID DIAMETER	150 mm
FLOW STRAIGHTENER DESIGN	–

Note:

The station has four (4) (2+2) metering skids.

Two (2) metering skids have ultrasonic meters and capacity 12000 Nm³/h (one (1) metering skid can be in operation, while the second one can be in standby mode).

Two (2) metering skids have turbine meters and capacity 2000 Nm³/h (one (1) metering skid can be in operation, while the second one can be in standby mode).

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

PPC MEGALOPOLI (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 Nm³/h
METERING SKID DESIGN CAPACITY	160000 Nm³/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	±0,42%
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	-
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.

STATION ANTHOUSA (U-5210)	
DESIGN DETAILS	
DESIGN CODE	ASME B31.8 / PED
DESIGN PRESSURE	40 barg
DESIGN TEMPERATURE	-20 °C / +60 °C
MINIMUM / MAXIMUM INLET PRESSURE	25 barg / 38 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	25 barg / 38 barg
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM / MAXIMUM OUTLET PRESSURE	-
OPERATING PRESSURE	25 – 35 barg
OPERATING TEMPERATURE	-
DESIGN CAPACITY	5000 Nm ³ /h
METERING SKID DESIGN CAPACITY	5000 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	±0,45%
INSTALLATION DETAILS	
METERS CAPACITY	G160
METERS DIAMETER	100 mm
METERING SKD DIAMETER	100 mm
FLOW STRAIGHTENER DESIGN	-

Note:

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

TRIKALA (U-6260)	
DESIGN DETAILS	
DESIGN CODE	ANSI 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	17800 Nm ³ /h
METERING SKID DESIGN CAPACITY	17800 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	±0,38%
INSTALLATION DETAILS	
METERS CAPACITY	G 650
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.

TRIPOLIS STATION (U-7270)

DESIGN DETAILS

DESIGN CODE	EN 1594, EN ISO 3183
DESIGN PRESSURE	80 barg
DESIGN TEMPERATURE	-20 °C / +60 °C
MINIMUM / MAXIMUM INLET PRESSURE	25 barg / 75 barg
MINIMUM / MAXIMUM OUTLET PRESSURE	9 barg / -
MINIMUM / MAXIMUM INLET TEMPERATURE	+6 °C / +25 °C
MINIMUM OUTLET TEMPERATURE	- 5 °C
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 FLOW METERS
NUMBER OF INSTALLED METERING SKIDS	2
NUMBER OF INSTALLED CHROMATOGRAPHS	–
AUXILIARY EQUIPMENT TOTAL PROPABLE ERROR	P=±0,15%, T=±0,14°C
ENERGY UNCERTAINTY	±0,85%

INSTALLATION DETAILS

METERS CAPACITY	G1000
METERS DIAMETER	DN 150
METERING SKID DIAMETER	DN 150
FLOW STRAIGHTENER DESIGN	–

Note:

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