Anteproyecto de distribución industrial Cluster Av. Argentina

Summary Report - c:\users\comun\gasworks 7\files\zi_av_arg...

Pipe Summary...

Size/Type	Length, m	Cost
NORM_AC_8"	4479	0
NORM_AC_4"	791	0
NORM_AC_2"	5592	0
NORM_AC_3"	4506	0
NORM_AC_6"	1754	0
Total	17123	0

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Rec #	From Node	To Node	Equation	Size/Type	Inside D	D Unit	Length	L Unit	Flow Rate	Q Unit	Velocity	Fro
1	3	4	IGT	NORM_AC_8	206.300	Millimeter	227	m	27636.078	M^3/hr	22.991 m	9.25
2	4	6	IGT	NORM_AC_4	101.500	Millimeter	791	m	3776.077	M^3/hr	13.565 m	9.04
3	6	7	IGT	NORM_AC_2	60.200	Millimeter	754	m	193.000	M^3/hr	2.046 m/	8.37
4	6	8	IGT	NORM_AC_3	76.100	Millimeter	840	m	1553.000	M^3/hr	10.625 m	8.37
5	8	10	IGT	NORM_AC_2	60.200	Millimeter	352	m	346.000	M^3/hr	3.929 m/	7.75
6	3	5	IGT	NORM_AC_3	76.100	Millimeter	818	m	1847.000	M^3/hr	11.588 m	9.25
7	4	11	IGT	NORM_AC_8	206.300	Millimeter	1705	m	23860.000	M^3/hr	21.497 m	9.04
8	11	12	IGT	NORM_AC_6	155.500	Millimeter	1300	m	8644.000	M^3/hr	15.463 m	7.66
9	11	13	IGT	NORM_AC_8	206.300	Millimeter	1912	m	9838.000	M^3/hr	9.773 m/	7.66
10	13	14	IGT	NORM_AC_6	155.500	Millimeter	454	m	5838.000	M^3/hr	10.500 m	7.32
11	3	16	IGT	NORM_AC_8	206.300	Millimeter	224	m	-30446.078	M^3/hr	24.755 m	9.25
12	16	ERP	IGT	NORM_AC_8	206.300	Millimeter	411	m	-32242.078	M^3/hr	25.305 m	9.51
13	16	2	IGT	NORM_AC_3	76.100	Millimeter	302	m	1344.000	M^3/hr	7.991 m/	9.51
14	2	1	IGT	NORM_AC_3	76.100	Millimeter	574	m	1262.000	M^3/hr	7.651 m/	9.36
15	16	15	IGT	NORM_AC_2	60.200	Millimeter	464	m	205.000	M^3/hr	1.936 m/	9.51
16	5	26	IGT	NORM_AC_3	76.100	Millimeter	601	m	1217.000	M^3/hr	8.053 m/	8.51
17	26	25	IGT	NORM_AC_3	76.100	Millimeter	169	m	363.000	M^3/hr	2.439 m/	8.23
18	25	23	IGT	NORM_AC_2	60.200	Millimeter	715	m	126.000	M^3/hr	1.355 m/	8.23
19	26	21	IGT	NORM_AC_3	76.100	Millimeter	1202	m	854.000	M^3/hr	5.828 m/	8.23
20	21	22	IGT	NORM_AC_2	60.200	Millimeter	422	m	117.000	M^3/hr	1.298 m/	7.94
21	21	20	IGT	NORM_AC_2	60.200	Millimeter	864	m	615.000	M^3/hr	6.966 m/	7.94
22	8	19bis	IGT	NORM_AC_2	60.200	Millimeter	145	m	622.000	M^3/hr	7.067 m/	7.75
23	19bis	18	IGT	NORM_AC_2	60.200	Millimeter	414	m	168.000	M^3/hr	1.918 m/	7.69
24	19bis	9bis	IGT	NORM_AC_2	60.200	Millimeter	472	m	454.000	M^3/hr	5.214 m/	7.69
25	9bis	9	IGT	NORM_AC_2	60.200	Millimeter	658	m	347.000	M^3/hr	4.038 m/	7.57
26	6	19	IGT	NORM_AC_2	60.200	Millimeter	332	m	160.000	M^3/hr	1.694 m/	8.37

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Rec #	Node Name	Pressure	P Units	Base Load	Q Units	Atm Pressure, Bar	Temperature, Celsius	Specific Gravity	Viscosity, Centipoise
1	3	9.25	Bar	-963.000	M^3/hr	1.02	20.00	0.608	0.0105800
2	4	9.04	Bar	0.000	M^3/hr	1.02	20.00	0.608	0.0105800
3	6	8.37	Bar	-1870.000	M^3/hr	1.02	20.00	0.608	0.0105800
4	7	8.33	Bar	-193.000	M^3/hr	1.02	20.00	0.608	0.0105800
5	8	7.75	Bar	-585.000	M^3/hr	1.02	20.00	0.608	0.0105800
6	10	7.70	Bar	-346.000	M^3/hr	1.02	20.00	0.608	0.0105800
7	5	8.51	Bar	-630.000	M^3/hr	1.02	20.00	0.608	0.0105800
8	11	7.66	Bar	-5378.000	M^3/hr	1.02	20.00	0.608	0.0105800
9	12	6.93	Bar	-8644.000	M^3/hr	1.02	20.00	0.608	0.0105800
10	13	7.32	Bar	-4000.000	M^3/hr	1.02	20.00	0.608	0.0105800
11	14	7.19	Bar	-5838.000	M^3/hr	1.02	20.00	0.608	0.0105800
12	16	9.51	Bar	-247.000	M^3/hr	1.02	20.00	0.608	0.0105800
13	ERP	10.00	Bar	32242.080	M^3/hr	1.02	20.00	0.608	0.0105800
14	2	9.36	Bar	-82.000	M^3/hr	1.02	20.00	0.608	0.0105800
15	1	9.10	Bar	-1262.000	M^3/hr	1.02	20.00	0.608	0.0105800
16	15	9.48	Bar	-205.000	M^3/hr	1.02	20.00	0.608	0.0105800
17	26	8.23	Bar	0.000	M^3/hr	1.02	20.00	0.608	0.0105800
18	25	8.23	Bar	-237.000	M^3/hr	1.02	20.00	0.608	0.0105800
19	23	8.21	Bar	-126.000	M^3/hr	1.02	20.00	0.608	0.0105800
20	21	7.94	Bar	-122.000	M^3/hr	1.02	20.00	0.608	0.0105800
21	22	7.93	Bar	-117.000	M^3/hr	1.02	20.00	0.608	0.0105800
22	20	7.56	Bar	-615.000	M^3/hr	1.02	20.00	0.608	0.0105800
23	19bis	7.69	Bar	0.000	M^3/hr	1.02	20.00	0.608	0.0105800
24	18	7.67	Bar	-168.000	M^3/hr	1.02	20.00	0.608	0.0105800
25	9	7.46	Bar	-347.000	M^3/hr	1.02	20.00	0.608	0.0105800
26	9bis	7.57	Bar	-107.000	M^3/hr	1.02	20.00	0.608	0.0105800
27	19	8.35	Bar	-160.000	M^3/hr	1.02	20.00	0.608	0.0105800