



CAESAR II - [\\193.1.1.175\PIPE STRESS ANALYSIS\WORK FILES\14.MECC PIPELINE PROJECT\GC-07 (PIPELINE)\CAESAR II MODEL\GC-07 PIPELINE\GC-07 PIPELINE.B]

File Edit Model Environment Global Options View Tools Help

Classic Piping Input

From: 880 To: 890

DX: DY: DZ: 98.500 mm

Diameter: 508.0000 W/Wsch: 15.0876

Material: I103A105

Code: B31.4

SH1: SH2: SH3: SH4: SH5: SH6: SH7:

F1: F2: F3: F4: F5: F6: F7:

Allowables

	From Node	To Node	Longitudinal Weld Eff.	Min. Yield Stress KPa	Design Factor	Pressure Variance KPa	Allowed Maximum of 1.2	App.P OPE Allowable Reduction	Fatigue Cycle 1	Fatigue Cycle 2	Fatigue Cycle 3	Fatigue Cycle 4	Fatigue Cycle 5	Fatigue Cycle 6
1	10	20		248211.2969			Off							
2	30	40		241316.0000			Off							
3	280	290	0.0000	275790.3125			Off							
4	880	890		248211.2969	0.7200									
5	1060	1070		248211.2969	0.7200		On							
6	1280	1290		248211.2969	0.7200									
7	1190	1320	0.0000	275790.3125	0.7200		On							
8	1030	1390		241316.5000	0.7200									
9	1510	1520		241316.5000	0.7200									
10	1570	1580		241316.5000	0.7200									
11	1600	1610		241316.5000	0.7200									
12	1630	1631		241316.5000	0.7200									
13	1640	1650		241316.5000	0.7200									
14	1670	1680		241316.5000	0.7200									
15	1740	1750		241316.5000	0.7200									
16	1770	1771		241316.5000	0.7200									
17	1790	1800		248211.2969	0.7200									
18	1850	1860		241316.5000	0.7200									
19	2130	2140		248211.2969	0.7200		On							
20	2340	2350		241316.0000	0.7200		On							
21	2050	2420		241316.5000	0.7200									
22	2440	2450		248211.2969	0.7200		On							
23	2580	2590		248211.2969	0.7200									
24	2530	2610	0.0000	275790.3125	0.7200		On							
25	2700	2710		248211.2969	1.0000		On							

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