

-L25,-C31,-C32,-L29 2+69 L21—

> MANDREL TEST NOTES: 1.THE OVERALL ELEVATION CHANGE WAS NOT MEASURED IN THIS TEST, BUT NO SIGNIFICANT CHANGES IN SLOPE WERE DETECTED

2.THE MEASUREMENTS IN THE MANDREL TEST RESULTS TABLE ARE BASED ON THE ANGLE OF DEFLECTION ALLOWABLE AT THE JOINTS.

3.THE RESULTS FOR THE TWO HOBAS PIPE SIZES HAVE THE SAME ALLOWABLE DEFLECTION ANGLE OF ONE DEGREE AT THE JOINTS.

Hob	oas Mandrel Non	ninal 72" O.	D. = 1948mm Join	t Angle = 1 deg
Number	Angle (deg)	Rad (m)	0.43m Passing?	Max Passing (m)
<u>C1</u>	2	311.9	YES	3+
C2	2.1	0	YES	2.4
C3	2.2	0	YES	1.25
C4	3.4	0	YES	1.25
C5	1.9	0	YES	1.25
C6	5.3	68.2	YES	1.15
C7	1.9	0	YES	1.15+
C8	0.9	0	YES	1.15+
C9	5.5	46.9	YES	0.81
C10	4.8	39.8	YES	0.69
C11	9.4	14.7	YES*	0.25
C12	5.7	42.5	YES	0.74
C13	1.9	204.4	YES	3+
C14	2.5	0	YES	0.43+
C15	2.3	0	YES	0.43+
C16	1.3	0	YES	0.43+
C17	1.4	563.7	YES	3+
C18	0.7	0	YES	0.43+
C19	0.7	0	YES	0.43+
C20	1.7	0	YES	0.43+
C21	0.8	0	YES	0.43+
C22	0.8	0	YES	0.43+
C23	0.8	0	YES	0.43+
C24	1.3	0	YES	0.43+
C25	1.2	0	YES	0.43+
C26	6.3	43.4	YES	0.75
C27	4.6	0	YES	0.43+
C28	15.9	25	YES	0.43
C29	6.6	33.8	YES	0.58
C30	2	0	YES	0.8+
C31	1.3	0	YES	0.8+
C32	1.5	0	YES	0.8+
C33	1.7		YES	0.8+
C34	1.2	0	YES	0.8+
C35	1.2			3+
C36	4.5			0.8
				n radius, C11 is short

*While lengths greater than 0.25m will not pass a 14.7m radius, C11 is short enough that 0.43m segments will pass when C9 through C13 are considered collectively.

Sample START MH TO END MH

VIRTUAL MANDREL REPORT HOBAS 72 INCH

SAMPLE