

DROFEG.					
T - 0240		Rules for pressure testing LLOYDS register (96-02)			
Calculation of SAFETY DISTANCE for pressure testing					
§3.3 Pressure Test using liquids (Hydro test / Water) :					
Test pressure		Pt	0.00	[bar]	
Internal Diameter (in milimeters)		Di	0.00	[mm]	
Length of the system			Li	0.00	[m]
Density - ρ (rho)		Rho	1000.00	[kg/m3]	
Factor		alpha	#DIV/0!		
Minimum Safety Distance:			L	#DIV/0!	[m]
Pict			maxL	30.00	[m]
§4.3 Pressure Test using Gas (Pneumatic test / Air) :					
Test pressure		Pt	0.00	[bar]	
Internal Diameter (in milimeters)		Di	0.00	[mm]	
Length of the system			Li	0.00	[m]
Density - ρ (rho)		Rho	1.05	[kg/m3]	
Volume		V	67.898.414	[m3]	
Minimum Safety Distance:			L	0.00	[m]
Pict		maxL	30.00	[m]	
Do not alter this content					
Water		1000	Vol [m3]	0.00	
N2		1.05			
Air		1.04			
NG		?			
min 30m		l gas	[m]	0.00	
min 300sec		t	[sec]	0.00	
Rule-of-Thumb: Safe Distance					
Applicable to 30 mtr					
If result > 30mtr not necessarily applicable					
Rule-of-Thumb:					
Applicable to 300 sec					
If result > 300sec not necessarily applicable					
Minimum waiting time:		t	81.66	[s]	
Pressure increase max.0,1pt per step		max t	300	[s]	