

PROJECT :			DATE :	4-Mar-11
CLIENT:			BY :	S.R.M.
PROJ. NO. :			REV :	
UNIT :			DOC NO.:	

Buffer Vessel Sizing

Input Data		
Required Flow Rate	Nm ³ /hr	340
Atmospheric Pressure	bara	1
Upper Limit of Operating Pressure	barg	7
Lower Limit of Operating Pressure	barg	2.5
Holding Time	Min	20
Operating Temperature	°C	40
Number of Buffer Vessels	----	1
Required Receiver L/D	----	3

Calculation Results		
Receiver Volume (each)	m ³	28.88
Receiver Diameter	m	2.23
Receiver Length	m	6.68

Notes