

This submission shows the method to calculate the NPSH (net positive suction head) of the pump connected to the tank (for example). See the attached diagram for system sketch.

<b>Operating Temp</b>	75°C	assumed
<b>Atmospheric Pressure</b>	101 kPa(a)	standard
<b>Process Fluid</b>	Water	
<b>Specific Gravity S.G. @ 75°C</b>	0.9750	from literature

**Suction Data**

<b>Operating Pressure of Tank</b>	0 kPag	
<b>Lowest liquid level in tank (O-C), LLLL</b>	3.0 m	assumed
<b>Pump Centerline Elevation (N-B)</b>	1.0 m	assumed
<b>Static Head Differential</b>	2.0 m	

