
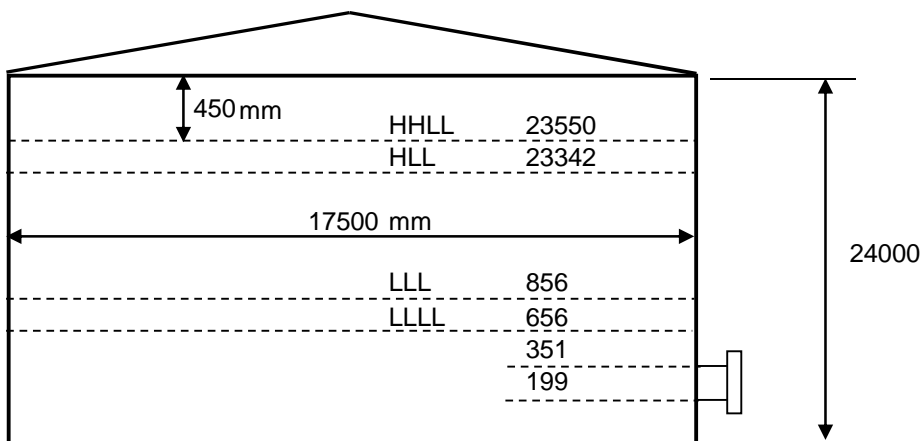


<b>PROJECT :</b>			<b>DATE :</b>	
<b>PROJ. NO.:</b>			<b>BY :</b>	S. Rahimi
<b>CLIENT:</b>			<b>REV :</b>	A
<b>UNIT :</b>			<b>DOC NO.:</b>	

### Storage Tank Sizing

Input Data		
Tank Service	sour water	
Tank Tag No.	TK-0201	
Required Working Volume	m3	5000
Tank Diameter	m	17.5
Tank Height	m	24
Type of Tank	----	Regular
Type of Tank Roof	----	Fixed
Pump out Flow Rate	m3/hr	200
LLLL - LLL Residence Time	min	2
Liquid Outlet Nozzle Size	in	6
Overflow Nozzle size	in	4

Calculation Results		
Tank Nominal Capacity	m3	5773
Tank Bottom - CL of Nozzle	mm	275
Tank Bottom - BTM of Nozzle	mm	199
Nozzle Diameter	mm	152
TOP of Nozzle - LLLL	mm	305
Tank Bottom - LLLL	mm	656
LLLL - LLL	mm	200
HLL - HHLL	mm	208
HHLL to Curb Angle	mm	450
LLL - HLL (working Height)	mm	22486
Working Volume	m3	5409
<b>Volume Ovedesign</b>	<b>%</b>	<b>8.2</b>



### Notes