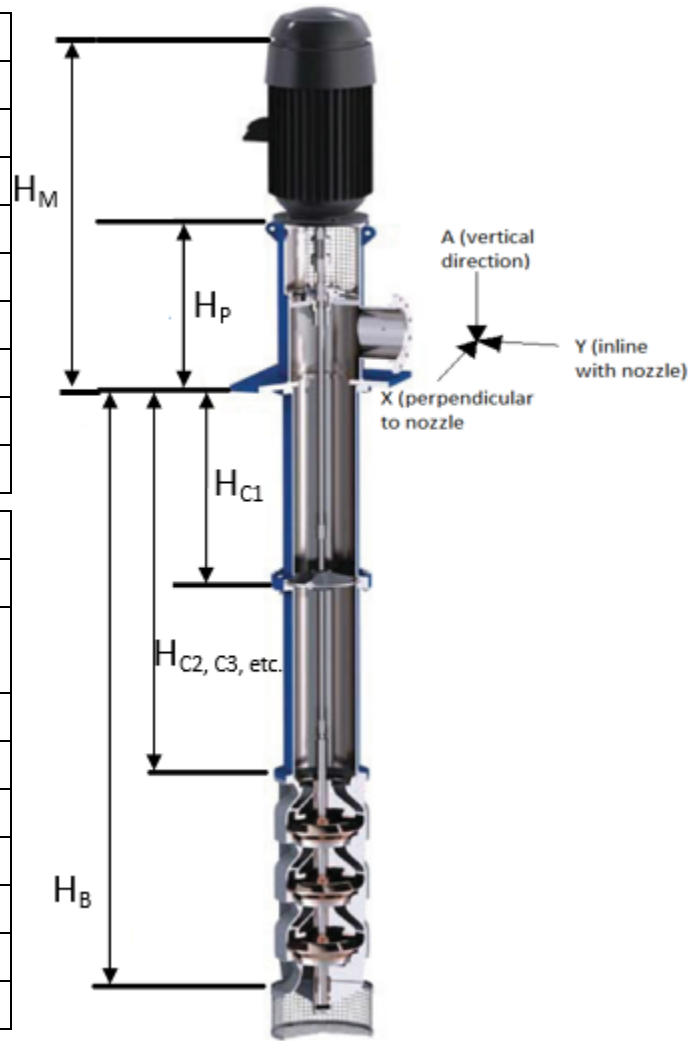


Vertically-Suspended Pump Vibration Survey

Subject Pump		Subject Driver	
Pump Manufacturer		Driver Manufacturer	
Pump Type		Driver Rated Power (BHP)	
Pump Model		Nameplate Speed (RPM)	
Discharge Nozzle Diameter (in.)		Driver Type (motor, engine, etc.)	
Pump Column Diameter (in.)		H_M (in.) Top of motor	
Pump Serial Number		H_P (in.) Top of discharge head	
BEP Flow Rate (GPM)*		H_B (in.) Total pump length	
BEP Head (Feet)*		H_{C1} (in.) intermediate column location	
		$H_{C2, C3, etc}$ (in.) intermediate column	



Test Conditions	
Test Geographic Location	
Pump Foundation Type (concrete on grade, elevated concrete deck, steel structure, etc.)	
Pumped Liquid Name	
Liquid Specific Gravity	
Liquid Temperature (Degrees F)	
Vibration Instrument Model	
Vibration Instrument Calibration Date	
Vibration Instrument Mounting (handheld, magnet, etc.)	
Pump Operating Ranges AOR / POR	

Pump Operating Conditions						Pump Vibration ¹ - Unfiltered (Inch/Second RMS) ²		
Data Point	Speed (RPM)	Pump Rate of Flow (GPM)	Pump Discharge Pressure (PSIG)	Height Pressure Gage to Liquid Level (inches)	Measurement Location (H_M, H_P, H_C, H_B)	Direction X	Direction Y	Direction A

¹Preferred frequency range for unfiltered vibration measurement is 0 – 1000 Hz.
²For equipment operating 600 RPM or less, also record vibration in displacement (mils peak-to-peak).
 *BEP = Best Efficiency Point. Attach pump curve if available. Note any comments below:
