

Inspection Report of Pump Vibration and Noise

DaNai Pumps Co., Ltd

Contract No		2017-G001		Pump name		P-1203 A		
Pump Code		N2017G00103010		Pump Type		PC40-2250-25		
Capacity		12 m ³ /h		Speed		2950 r/min		
Head		75.2 m		Height of Pump Center		240 mm		
Density of medium		kg/m ³		Test-bed		1		
Vibration Measurement								
Place	At bearing of motor end			At bearing of impeller end			Measuring Result	
Direction	Vertical	Level	Axial	Vertical	Level	Axial		
V (speed) mm/s	2.6	2.5	2.3	2.5	2.2	2.2	2.6	
							Standard Code	3
Note: 1.Frequency range of instrument Hz								
2.Error of measurement ±%								
Noise measurement								
Base measuring point code	dB	Revision						
1	82.5	D-value of measuring noise and surrounding noise dB			3	4-5	6-9	
2	82.4	Revision value dB			-3	-2	-1	
3	82.7							
4	81.5	Surrounding noise			76 dB			
5	81.6							
6	81.8	Actual pump noise after revision			80.97 dB			
7	81.3							
Value of arithmetic mean	81.97	<div style="border: 2px solid black; padding: 5px; display: inline-block;"> Conclusion 合格 QUALIFIED </div>		Tester (Date)				
Standard code	85			Operator (Date)		Inspector (Date)		