

Name	Sent Date	Due Date	Returned Date	Response	Attachments
Mohammed Hajjali	Oct 12, 2023	Oct 12, 2023	Oct 16, 2023	Approved as Noted	
Comment	<ul style="list-style-type: none"> Chilled water pumps - TPE-80-340/4, vertical in line - with Cast iron housing complying with ASTM Class 35 & 30 & with Flow rate - 17.28 L/S with 32.1 m Head is acceptable. Contractor & pump manufacturer shall ensure vibration from the motor & pump shall be less than 1 mm/s at full rated load during final commissioning. Contractor shall follow pump manufacturer recommendations for pump installation requirements. Sound pressure level from pumps shall not exceed 66 dBA. Manufacturer should provide pump accepted factory testing & quality reports for pumps. Manufacturer to provide O&M, spare parts list etc. 				
Amjad Iqbal	Oct 12, 2023	Oct 12, 2023	Oct 16, 2023	Approved as Noted	
Comment	<p>Selected chilled water inline pump Model TPE 80-340/4 from grundfos is approved with flow rate of 17.28 L/s and head 32.1 meter Vibration of the pump shall not be exceeded 1mm/sec Provide factory acceptance test certificates during material receiving inspection. Warranty period shall be as per project specification.</p>				
Ariel Labongray	Oct 12, 2023	Oct 12, 2023	Oct 12, 2023	Approved as Noted	PR2855-MSS-M-318-01.pdf (Current)
Comment	<ol style="list-style-type: none"> Proper coordination of overcurrent protection from upstream must be observed. Incoming cable shall be sized with respect to ampere trip from upstream and not less than 35 mm. Individual motor circuit breaker shall be equipped with earth leakage protection with 40 amps-trip. Enclosure construction be 1.5mm thick hot-dip galvanized steel sheet, finished with one coat etch primer and one coat stove enamel internal and external. Control panel door on inside shall have basket to mount schematic and wiring diagram in permanent approved manner. Control panel electrical components and breakers are still subject for testing and commissioning. 				
Antonino Loste	Oct 12, 2023	Oct 12, 2023	Oct 14, 2023	Approved as Noted	
Comment	<ol style="list-style-type: none"> Contractor to take consideration selecting the proposed Chiller Pump voltage source with the available power supply as per design requirement and meeting project specification specified in section 16010 clause 1.2 (H) and 1.4 (A) respectively (where applicable). New circuit breaker (CB1) of chiller pump controller(s) should be fully coordinated with up-stream (C.B.) source protection. Chiller pump controller feeder cables should be sized as per to the new load requirements and method of installation conforming to NFPA 70 or IEC standards (where applicable). ETAP study should be updated based on the new Chiller load requirement. 				
Akram Megahed	Oct 12, 2023	Oct 12, 2023	Oct 15, 2023	Approved	
Zubair Mohammed	Oct 12, 2023	Oct 12, 2023	Oct 16, 2023	Approved as Noted	
Comment	<ul style="list-style-type: none"> Submitted Inline chilled water pump Model TPE 80-340/4 from Grundfos with flow of 17.28 L/s and head 32.1 meter is approved. Cast iron impeller and body is approved. Max. operating pressure 16 bar is acceptable. Nameplate shall carry Manufacturer name, flow & head, Impeller size, model number, electrical power consumption, V/PH&HZ & RPM. Motor IP55 & Class F insulation is accepted. Pump vibration at full load shall be less than 1mm/s. Warranty period shall be as per project specification. 				
Naweed Usman	Oct 12, 2023	Oct 12, 2023	Oct 15, 2023	Approved	
Mohammad Razi Uddin	Oct 16, 2023	Oct 12, 2023	Oct 16, 2023	Approved as Noted	
Comment	Please refer the comments				