

**PROJECT NAME & LOGO**

**CHECK LIST FOR:**

**INSTALLATION OF FIRE PUMPS SET**

**Form No:**

**Rev. No: 00**

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**SUBCONTRACTOR**

**CONTRACTOR**

**SECTION OF WORK: PLUMBING**

**LOCATION:**

**LEVEL:**

**WIR No.:**

STAGE	ITEM	Checked by		Checked by	Date
		S/C	CONT	Cons.	
SETTING OUT	Check Layout.				
	Check Level.				
	Check materials are as per approved material submittal.				
MEP/CIVIL	Check for Services Clearances.				
Installation	1. Ensure the pumps installation is as per the manufacturer's recommendations & as per approved detailed shop drawings.				
	2. Check base frame level using spirit level.				
	3. Check the pumps cabling & termination using megger.				
	4. Check whether the priming of the pumps are done properly and ensure the air lock is removed from the system.				
	5. All level float switches and dry run protections are properly installed.				
	6. Ensure that Pumps are free to rotate with hand.				
	7. Check pumps alignment using dial gauge or alignment tool.				
	8. Check that the control panels are integrated with the BMS System.				
	9. Check the smooth running of the pumps set overloads.				
	10. Ensure all piping and its joints are pressure tested.				
Safety Precautions	11. When installing the Pumps, be mindful of the pump's centre of gravity & weight. Ensure that the pump is suspended properly.				
	12. Ensure that only authorized personnel shall install the fire pumps set.				
	13. Install the pumps on a horizontal and rigid surface such as concrete, in an area that is free from turbulence and does not cause the pump to take air in.				
	14. Properly install pipes so as not to create any air pocket in the middle of the piping.				
	15. Place the pump and the float switch away from the inlet or install a baffle plate.				

<b>For S/C QA/QC:</b>	<b>Date:</b>	<b>FOR CONTRACTOR QA/QC:</b>	<b>Date:</b>	<b>For Consultant Rep.:</b>	<b>Date:</b>
<b>Name:</b>	<b>Sign:</b>	<b>Name:</b>	<b>Sign:</b>	<b>Name:</b>	<b>Sign:</b>