**PRE-COMMISSIONING CHECKLIST FOR PUMPS**

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| Project Name: |  | Date: |  |
| Project Number: |  | **Tag No.:** |  |
| Ref. Drawing & Documents: |  | **Plant no. / Location:** |  |

|  |  |  |
| --- | --- | --- |
| **Description** | **YES** | **NO** |
| Check for completion of equipment erection in all respect as per respective drawings / documents |  |  |
| Check the stress-freeness of the main piping |  |  |
| Bearings & hydraulic coupling lubricated with specified lubricant |  |  |
| Check that the couplings between are in perfect alignments. |  |  |
| Check coupling bolts and guard installed |  |  |
| Rotor is free in its bearings |  |  |
| Pump / engine verified rotating direction correctly. The orientation of the pump must match the arrow. |  |  |
| Instrumentation & protection devices checked by simulation. Measuring & Monitoring instruments are okay. |  |  |
| Oil Flushing of Oil Circuit is over successfully and new oil filled in hydraulic coupling and oil circuit. |  |  |
| Reverse rotation detection switch on hydraulic coupling and protection is okay. |  |  |
| Holding-down bolts fitted securely. |  |  |
| Leakage lines for drain, wind & gland directed correctly to prevalent drains. |  |  |
| Check automatic recirculation valves and back pressure valve in correctly fitted recirculation line |  |  |
| Check oil coolers, oil pipes and cooling water pipe lines are installed properly as per PID & GA. |  |  |
| Check mechanical seals |  |  |
| Discharge Valves of Pumps kept closed |  |  |
| Line Vents are kept opened |  |  |

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| **Installer:** |  | **Witnessed by:** |  |
| **Contractor** |  | **Signature & Date** |  |
| **Remark:** |