GRAPHENE
INNOVESTMENTS

INTRODUCTION TO PROCESS FLOW DIAGRAM

Engineering made easier to understand

About Us

Graphene Innovestments is a pioneering engineering solutions provider specializing in a wide array of services tailored to meet the needs of various industries with a focus on innovation and expertise, we deliver top-notch solutions in engineering drawings and general maintenance across electrical, HVAC, and plumbing sectors.
Our commitment to excellence extends to offering specialized services uniquely designed for the pharmaceutical sector, HT Industrial Consumer sector ensuring compliance, efficiency, and safety.

AGENDA

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* PROCESS FLOW DIAGRAMS

TYPICAL AUDITOR QUERIES

- Where does your sterile boundary start from.
- How have you rationalized the location of BI and Thermocouples.
- How have you ensured the complete product path is covered under sterilization.
- How do you ensure that the entire line exposed to steam condensate and water has been blown dry by air.
- How do you ensure that the sterility is not breached after completion of SIP.
- How can you demonstrate the flow of product during actual processing.

WE CAN HELP YOU OUT

The Process Flow diagram solutions we provide will have the following information but not limited to.

- The exact flow of steam/WFI during sterilization/cleaning, with exact status of each valve and the sequence in which they are opened and then closed. All incremental stages of sterilization/cleaning will be clearly indicated on the drawing.

- The condition of the valves after completion of SIP, which will ensure integrity of the system will be clearly indicated using the drawing.

- The exact flow path of the product, which is already covered by the sterilization can be indicated on the drawing.

- Each and every instrument and mechanical components such as valves with their actual tags as built will be shown on the diagram with their relevant details , parameters and its operational limits. This will help in easier understanding and troubleshooting.
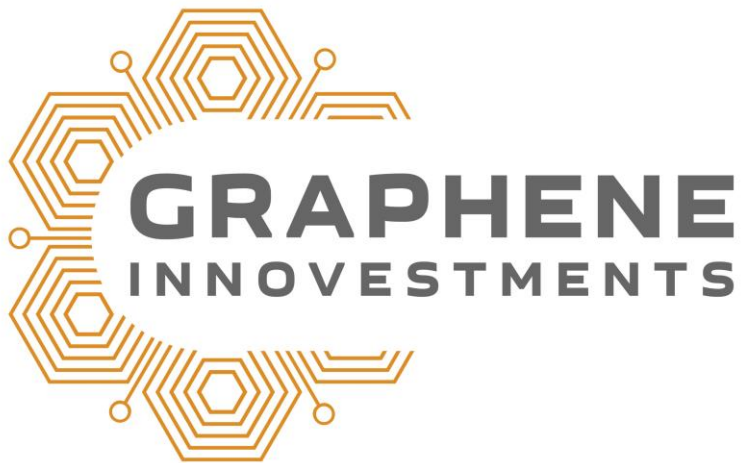
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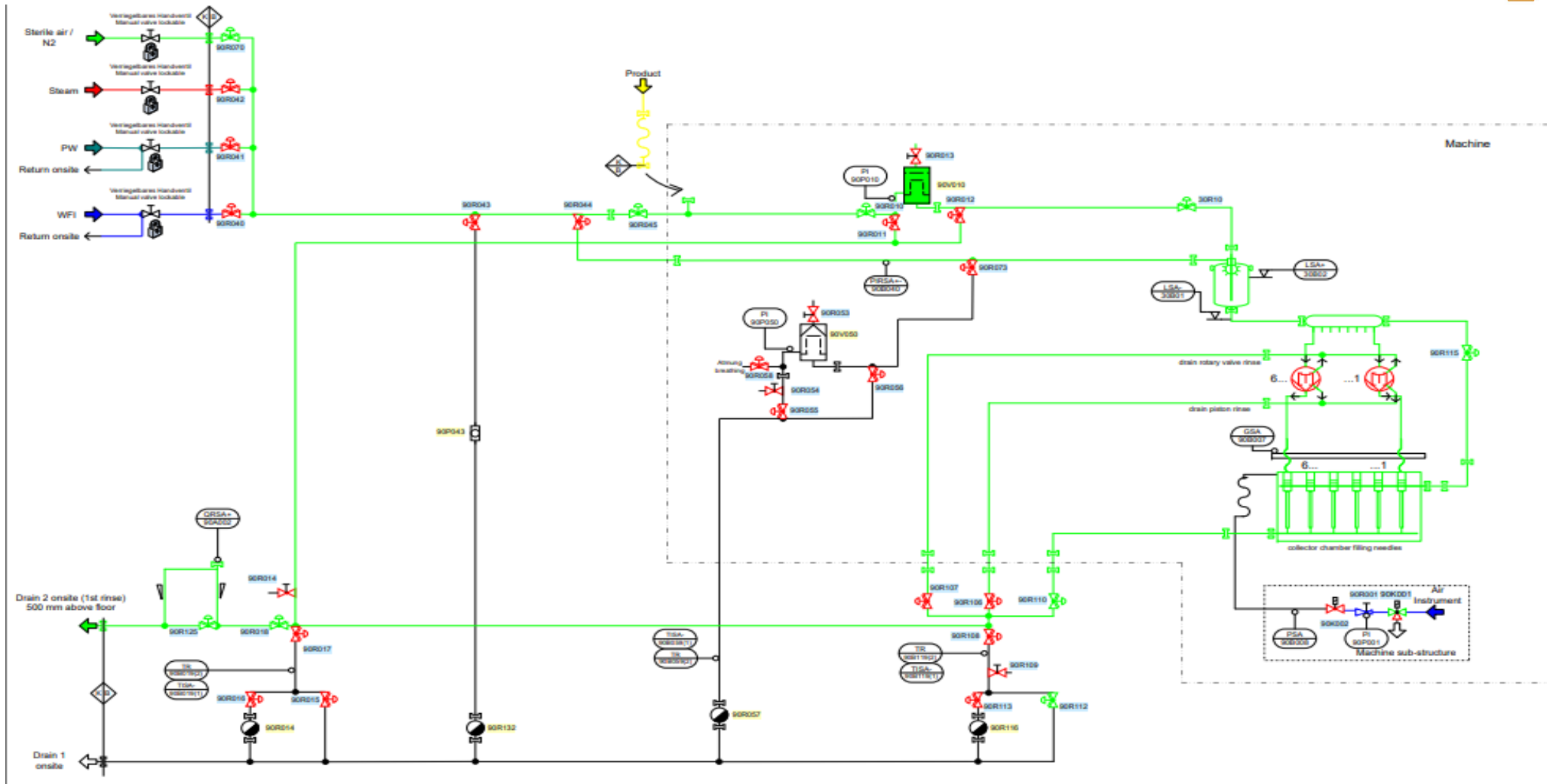
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THANK YOU

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