

This figure is a detailed P&ID drawing of a Utility P&ID Demulsifier Injection Pump system, identified as 42PD009A/B GJØA.

The diagram illustrates the flow paths, components, and safety features of the demulsifier injection pump. Key elements include:

- Demulsifier Injection Pump (42PD009A/B):** The central component, shown with its motor (M) and various control points (N1, N2).
- Inlet and Outlet Lines:** The inlet line from the supplier (left) and the outlet line to the project (right) are clearly marked.
- Flow Control and Monitoring:** Various valves (V), pressure transmitters (PT), and level indicators (LI) are distributed throughout the system to monitor and control the flow.
- Safety Features:** Safety valves (SV) and interlocks (INS) are included to ensure safe operation under different conditions.
- Chemical Spill Headers:** These headers are used to collect and manage any spills during the injection process.

The drawing includes several notes providing additional context and specifications:

- NOTE 1: Common el. motor with 42PD06A/B, 020A/B, 053A/B and 060A/B.
- NOTE 2: Pump is equipped with an internal safety valve for pump housing safety.
- NOTE 3: Pipe spec outside skid edge to be TSX210.
- NOTE 4: Common drip tray for 42PD006A/B, 030A/B, 020A/B, 053A/B, 060A/B, 004A/B, 022A/B, 007A/B, 022A/B, 024A/B, 015A/B, 052A/B and 054A/B.
- NOTE 5: For flushing detail, see dwg no C097-AGK-P-XB-4251-01.
- NOTE 6: Initial nitrogen charging to 15.2 barg.
- NOTE 7: Flush test point located close to valve, be provided with standardized plug connection and be accessible from deck/walkway.
- NOTE 8: Flow sight glass at header P&ID C097-AGK-P-XB-4271-01.
- NOTE 9: Actuated stroke control.
- NOTE 10: Cabinet located on Access Platform.
- NOTE 11: Drain and drip tray shown on P&ID C097-AGK-P-XB-4251-01.
- NOTE 12: Cabinet located on Main Deck.

The drawing also includes a title block with the following information:

- Project name:** Gjoa Semi EPCH
- Drawing title:** UTILITY P&ID DEMULSIFIER 42PD009A/B GJØA
- Drawing no.:** C097-AGK-P-XB-4252-01
- Scale:** 1:1 at A1
- Date:** 24.05.16
- Rev.:** 06

The drawing is a technical representation of the demulsifier injection pump system, showing the flow paths, components, and safety features. It is intended for use by personnel involved in the design, construction, and operation of the system.