

Trouble shooting for Filter unit

IV. Cause and action for alarm/trip relating to filter unit

B. FILTER INLET LOW PRESSURE

Alarm indicates that Inlet Pressure is lower than set Default value for more than 40 seconds (Default value = 1.0kg/cm2)

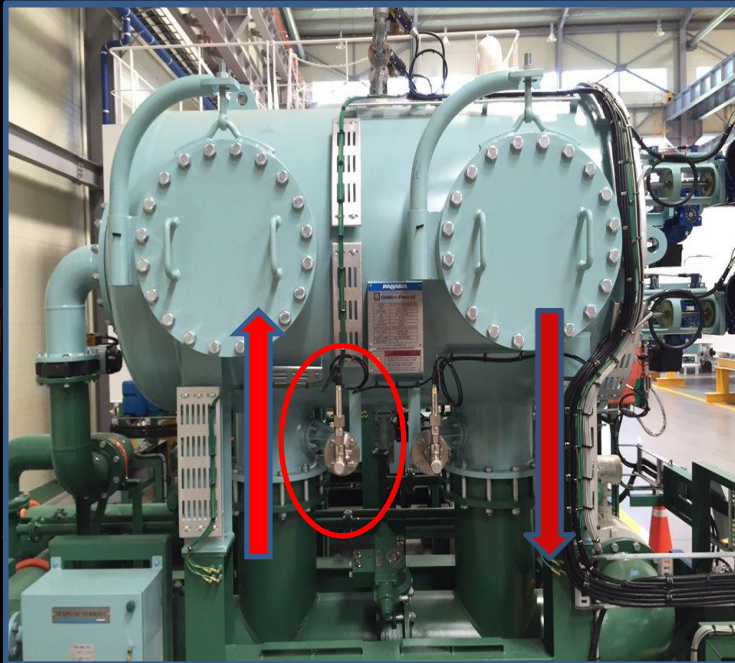
Cause	Description	action
1	Malfunctioning Inlet Pressure Transmitter	2
2	Clogged Inlet Pressure Nozzle	2
3	Ballast Pump Failure	1
4	Filter Inlet Line Valve(s) Failure	1

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Cause ① : Malfunction Inlet Pressure Transmitter



● ACTION 1

Check if there is physical damage to the Pressure Transmitter.

● ACTION 2

Dismantle the Pressure Transmitter and check the current using a Multi-Tester.

Normal range
3.99mA ~ 4.01mA

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Cause ②: Clogged Inlet Pressure Nozzle



● ACTION 1

Check if the valve on the nozzle line of the Inlet Pressure Transmitter is open.

● ACTION 2

Clear the nozzle line of the Inlet Pressure Transmitter.

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Cause ③: Ballast pump failure



● ACTION 1

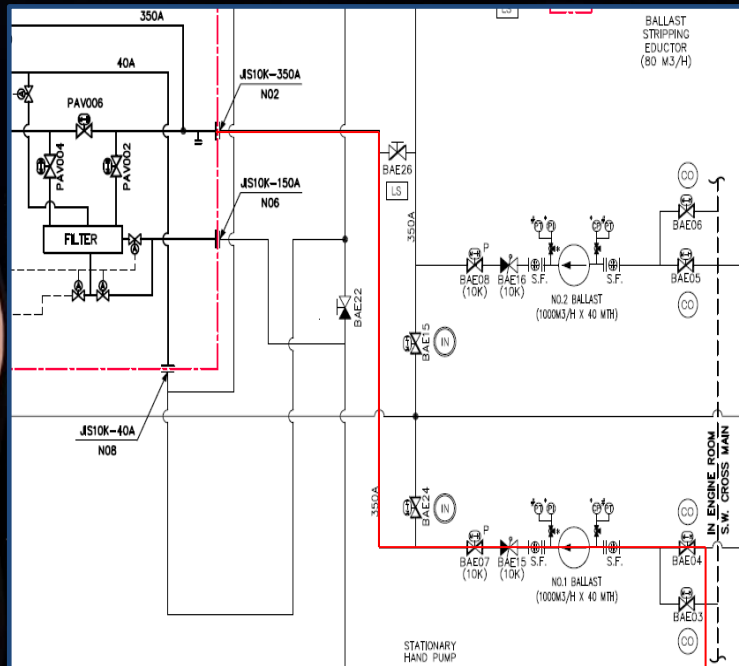
Verify if the Ballast pump is operating properly with sufficient delivery pressure.

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Cause ④: Filter inlet line valve(s) failure



● ACTION 1

Verify all relevant valves work properly.