



# Gas Analysis Systems of Wet-Catalysis Unit

Requirements

Implementation

Benefits

**Solution Partner:** SMS-Automation (Russia)

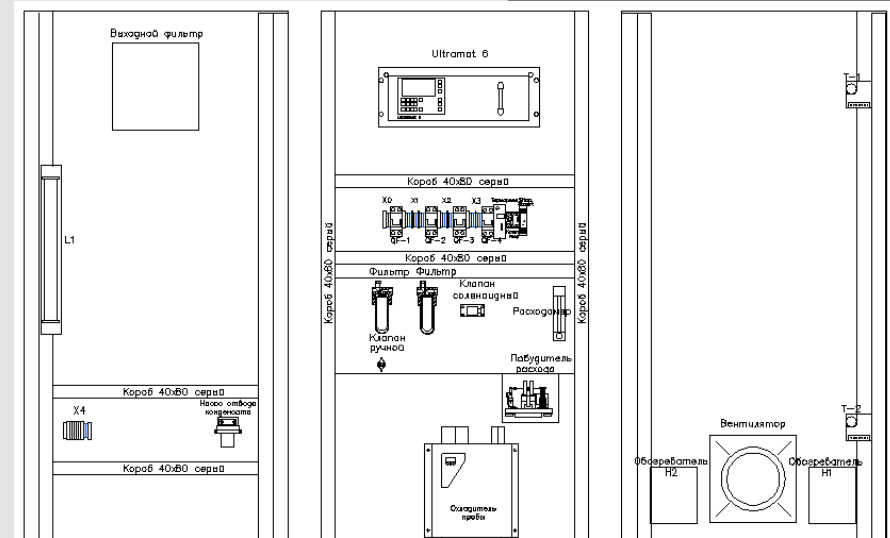
**Customer:** Syzran Refinery

**Sector:** Oil Refining

## Requirements of the customer:

- Provide continuous measurement of sulfur dioxide concentration at sulfuric acid production unit
- Implement data export to DCS
- Complete works in the shortest time

*Siemens Ultramat 6-based gas analysis systems for measurement of sulfur dioxide concentration at sulfuric acid production unit*



Solution Partner

SIEMENS

Automation



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**Implementation by the Solution  
Partner:**

- Assembled outdoor cabinet with internal heating and lightning
- Installed microprocessor-based industrial gas analyzer Ultramat 6
- Integrated sample preparation system comprising automatic calibration, filtration, sample flow change, supply and cooling
- Implemented 10 m long explosion-proof heated sample line



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## Benefits for the customer:

- Non-stop operating system doesn't requiring constant personnel presence implemented
- Timely failure detection and alerting ensured



Solution  
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**SIEMENS**

Automation