

ATC SYSTEMS

www.atc-sys.com



ATC Customized Solutions for processes in Oil & Gas Industries

- Skid for lubrication of Turbine or Pumps
- Self-Operated Filling Units
- Booster Skid Systems
- Skids for critical and supercritical services
- Metering Transfer Skids
- Skid for lubrication of Blower or Mixer



Designs, construction, tests and commissioning, **ATC Customized Solutions** for industrial processes



ATC General Propose API-614 **provides customized solutions** in accordance with requirements, such as: **ASME, CE, API, ISO, Dosh, Selo License..** depending on project local legislation





ATC builds process Skids for **severe environmental conditions**, protected for desert work, parts and piping in NACE painted Stainless Steel C5M.

Lubrication **Systems for Blower**, local motor control box, signals transmission and instrument local box





Lube Oil Systems General Purpose for **Boiler Feed Water Pumps** in Power Plant, design, build and running test, **during FAT, in ATC**

PED
2014/68/UE

Specific requirements from project; adding or removing, options according to standards and codes applicable, are considered, **by ATC. Providing Customized Solutions for our customers**

Documentation providing by ATC is including, but not limited to:

- 3D GA System
- Process P&ID
- System BOM
- Hook Ups
- NDE records
- DS main components
- Calculation Heat Exchanger.
- Filtering Unit efficiency and size Calculation
- Tags / KKS Plate of main components
- IOM Skid Manuals
- API FAT records



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LOS General Purpose **API-614** in Refinery

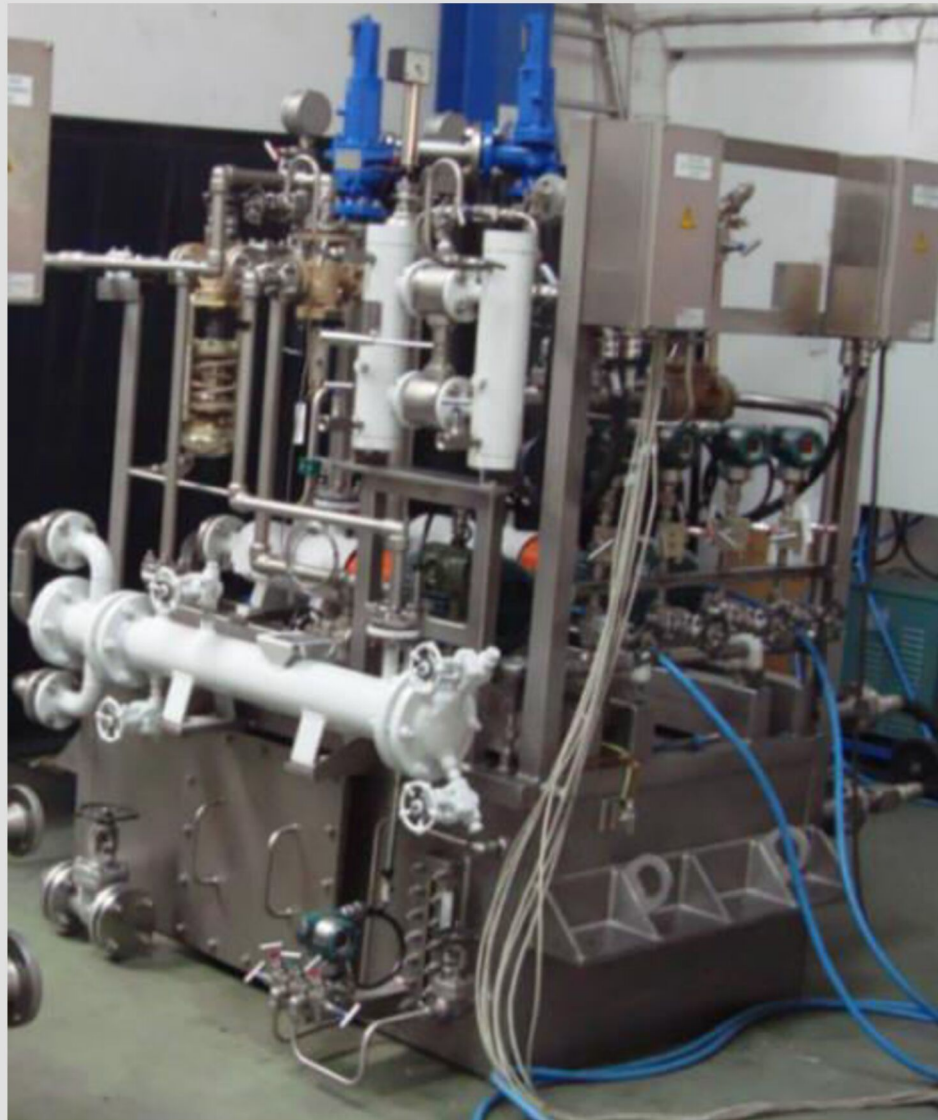


Specific Customized Solutions, such as: **ATC Custody Transfer**

Calculation for main components of ATC Skids such as, pressure vessels, structural supports, seismic design, piston multiplier..



Refinery Lube Oil System General Purpose during running test in FAT.



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ATC meets project specifications for Shipment, Packing, Painting, Structural, Electrical, Auxiliaries, Piping, Accessories, Instrumentation, Control System and main components





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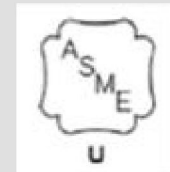
**Tests provided in project by
ATC are including:**

- NDE records, for each system.
- Hydro test Certificate.
- Welding Book: WPS, PQR, WPQ and Welding Map.

ATC designs, builds, tests and commissioning, **according to API-614 Customized Solutions** for pressurized lubrication processes

Lube Oil Systems with API-661 Heat Exchanger

ATC's Customized Systems are meeting specific requirements from End User and **Approved Vendor List**, of each project.



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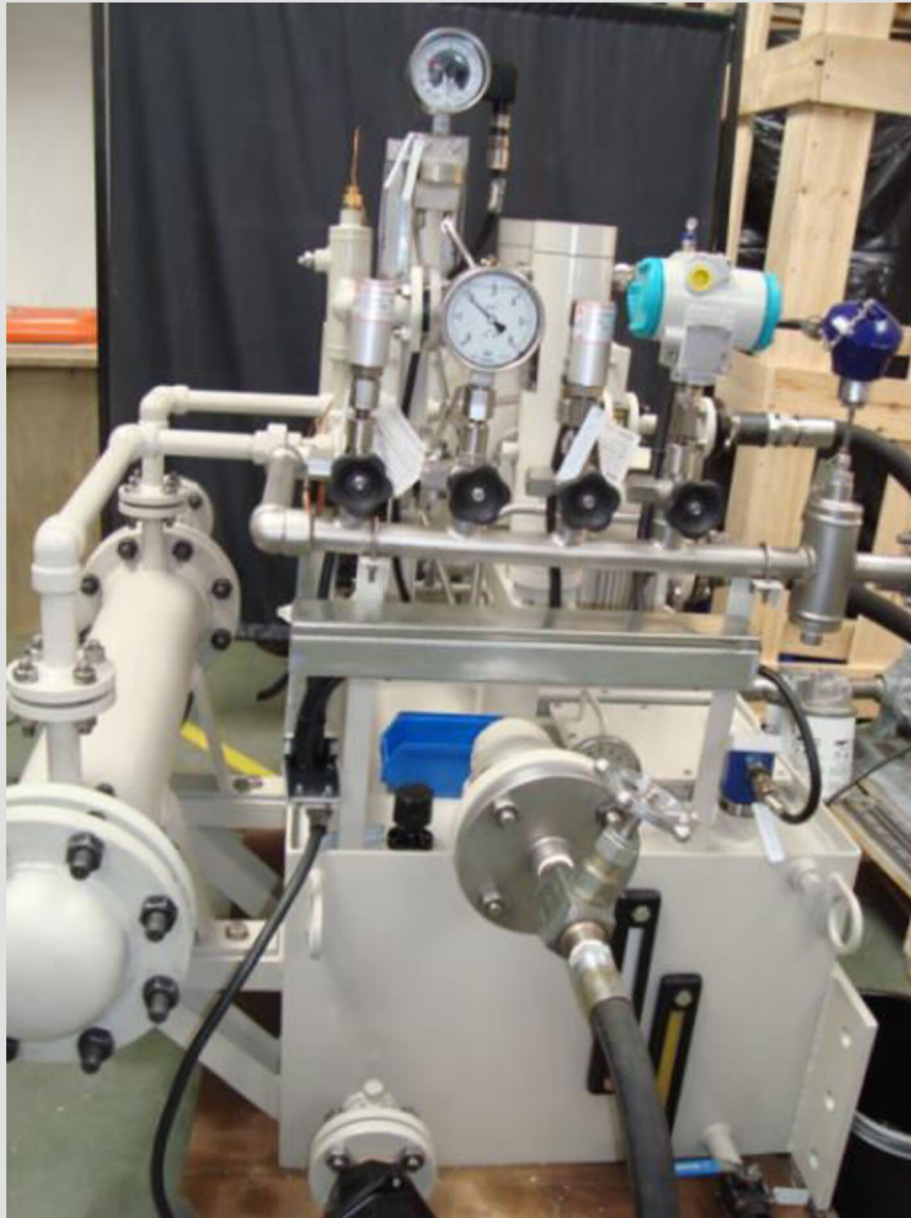


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Transfer Pumps require high viscosity Lube Oil, lubricating separate points, with specific flow each. **ATC test them running**, during FAT in our facilities





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Installation, Operation & Maintenance
Manuals, Certificate of Conformity and
updated Schedule by Monthly Reports are
provided by **ATC**, in each project





Systems during FAT:

Software Certified, Procedures Certified , Calibration Certificate of test benches instruments and Operator Level Qualification are provided, for each test



Local Control Oil System, signals and power boxes

Wiring including; signals and power Test, in accordance with **NEC, IEC & EU Standards** / Directives, for Safe or Hazardous Area, are meet by **ATC**.



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ATC designs, builds, tests and commissioning, **Customized Solutions** for industrial processes

API-614 Special Purpose ATC Lube Oil System, for critical service, in running test, during FAT
Chapter 2, **API 614**. **ATC** meets requirements and Running Test during FAT to ensure compliance



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