



INDUSTRIAL PREMIER SERVICES:

**HEATING, VENTILATION, AIR CONDITIONING &
REFRIGERATION (HVAC/R)**

HVAC/R SERVICES

► HEATING, VENTILATION, AIR CONDITIONING & REFRIGERATION (HVACR)

Industrial Premier Services (IPS) is a market leader in the field of HVAC & R design, installation, commissioning, Maintenance and defect repair.

IPS HVAC/R bespoke services include:

- Project Design, Installation, Commissioning and testing
- Bespoke Maintenance Strategy & Maintenance Build Creation
- Planned Maintenance Services on all HVAC and Refrigeration Equipment
- Condition / Fault finding surveys and performance assurance
- PFEER Temporary Refuge (TR) Integrity Testing to City and Guild standard
- Local Exhaust Ventilation (LEV) Testing & Commissioning (COSHH) - Air Quality Monitoring
- Ductwork Cleaning Service
- Ex Inspections
- HVAC / R Equipment & Component Supply Chains



No matter the challenge

► INTEGRATED SERVICE SOLUTIONS



Condition / Fault Finding surveys and performance assurance

IPS have 7 years Caspian regional experience and over 35 years of HVAC and Refrigeration experience working in the Oil & Gas and Maritime industries. The HVAC/R team works closely with the IPS Instrumentation and Electrical Engineering teams to ensure the most optimum and efficient solutions are identified ensuring 100% Client Satisfaction.



Temporary Refuge (TR) Integrity / Boundary Testing

Smoke & Gas Ingress (SGI) testing including module pressurization and leakage integrity. IPS perform air leakage, quality and permeability testing including full TR and Module Boundary improvement service leading to Industry accredited certification.



Ductwork Cleaning Service

IPS provide a comprehensive Duct cleaning service utilizing leading industry standard equipment: Efficient Ventilation system operation is a key factor in safety and habitability of personnel. Eliminating dirt, dust, grease and microbial growth from ductwork improves system performance, air quality and reduces fire risk.



HVAC / R Equipment & Component Supply Chains

IPS have professional supply chains both internationally and local within Azerbaijan. In providing equipment / components to the client, company comprehensive quality assurance checks ensure correct technical specification of equipment within the stated timeframe.



COSHH Local Exhaust Ventilation (LEV) - Air Quality Monitoring

IPS P601 Certified Engineers test and maintain clients local exhaust ventilation (LEV) systems ensuring LEV systems remain efficient and reach Industry Standard and regulatory requirements providing certification on completion.



Ex Inspection

IPS HVAC/R multi-skilled engineers and technicians are trained and competent to complete maintenance and repairs on Ex rated HVAC & Refrigeration equipment serving and located in hazardous areas. We also carry out Ex Inspections ensuring the correct Ex rated equipment is installed as per Zone identification.



Planned Maintenance Routines

IPS have operated in the Azerbaijan, Georgia & Turkey (AGT) region delivering HVAC&R Maintenance and repair contracts since October 2015 this includes major project scopes supporting several clients:

BP / JOCAP / CDC / Azfen / WOOD / Worley / SIEMENS



Project Design, Installation & Commissioning

Fully integrated HVAC and Refrigeration system design, installation, procurement and commissioning services; We provide a bespoke package meeting clients requirements from initial concept Front End Engineering Design (FEED), through system upgrades to commissioning and through life maintenance of HVAC, Refrigeration and associated control systems.



Maintenance Strategy & Build Creation

IPS have successfully supported Major clients' operators such as BP and JOCAP in creating a bespoke HVAC/R maintenance strategy and build integrated into the client's maintenance management system. The service is tailored to the client's equipment using OEM recommendations & historical failure analysis to confirm fit for purpose ensuring optimum operational performance, minimizing downtime and reducing maintenance and through life costs.

Industry Approved

► ACCREDITATIONS & STANDARDS

INDUSTRIAL PREMIER SERVICES

INDUSTRY BODY MEMBERSHIPS / STANDARDS :

- ✓ IOR: Institute of Refrigeration
- ✓ OPITO - Offshore Petroleum Industry Training Organization
- ✓ City & Guild 2079 F-Gas & ODS regulations course
- ✓ CIBSE - Chartered Institute of Building Services Engineers
- ✓ ASHRAE - The American Society of HVAC / R
- ✓ BSRIA - Independent building test, research, instruments
- ✓ HSE - Health and Safety Executive
- ✓ BOHS - The Chartered Society for Worker Health Protection
- ✓ HSG258 - Controlling Airborne Contaminates at Work
- ✓ ARCA - Asbestos Removals Contractors Association
- ✓ Step Change in Safety
- ✓ BESA - Building Engineering Services Association



DQS Certification:

- ISO 9001:2015
- ISO 45001:2018
- ISO 14001:2015



Calibration/Testing accreditation:

- ISO 17025:2017 Testing Laboratory
- ISO 17025:2017 Calibration Laboratory

6 January,
2023

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CONCERNS / PROPOSALS

► INDUSTRIAL PREMIER SERVICES RECOMMENDATIONS TO IMPROVE SERVICE CAPABILITIES

STORK: HVAC Contract Proposal

IPS wish to support the Caspian Drilling Company (CDC) in the future and in a more efficient cost-effective manner. We feel having a contract in place would allow us to provide a dedicated Caspian Drilling Company HVAC team who would then become site experienced and take responsibility of maintaining your HVAC equipment.

HVAC Maintenance Build / Strategy / MMS

- IPS to support Caspian Drilling Company and create a HVAC Maintenance Build and Strategy bespoke to the Istiglal associated HVAC Equipment to be executed via competent HVAC Engineers. We use both Manufacturers maintenance guidance and historical evidence within the region to build our bespoke maintenance builds.
- Maintenance Build will include tagging all systems for clear visualization of equipment and ease document management processes.
- Maintenance Build to be aligned with the Caspian Drilling Companies Maintenance management system – or if preferred, IPS to align all maintenance requirement within their own data base taking full responsibility of the required maintenance.
- The maintenance management system (MMS) will allow us to log all service and repair scopes of work so all parties including CDC, IPS and any future service company have historical evidence of service / repair scopes.
- IPS to survey all equipment in depth and identify all Critical spare components which would then be identified within the MMS – All critical spares will have a cost and lead time identified this will in turn reduce down time of your business& Safety Critical Equipment critical HVAC equipment.

To Improve on Site HVAC System Performance

- It is recommended to stick notes to warn people from blocking grilles and adjusting airflow to prevent system imbalance and pressurization issues within Accommodation.
- Additional recommendation to prevent miss-use of manual volume control dampers (VCD) is to drill and lock VCDs into position
- Strong Recommendation to execute duct cleaning scopes across all sites Air Handling Units – this is to improve healthy living environment, improve operational performance of all ducted HVAC systems.
- Strong Recommendation to execute Annual Local Exhaust Ventilation Examinations on an annual basis to promote and ensure safe working areas

CHEMICAL ADDITIVES SUPPLY CHAIN

INDUSTRIAL PREMIER SERVICES

- ▶ INTEGRATED SOLUTIONS
- ▶ CONTINUOUS INNOVATION
- ▶ DELIVERING OPTIMUM VALUE SPECIALTY CHEMICAL ADDITIVES
- ▶ EXACTLY WHEN AND WHERE OUR CUSTOMERS WANT

UPSTREAM

Optimized Chemistry for Maximum drilling efficiency and production.

- Drilling lubricants
- Foamers
- Formation stabilizers
- Corrosion Inhibitors
- De- foamers
- Friction reducers

DOWNTSTREAM

Best available Downstream chemical technology, Application guidance and Monitoring.

Refining

- Asphaltene Dispersants
- Demulsifiers
- Corrosion Inhibitors
- Antifoams
- Settling and Deashing aids
- H2S Scavengers

Petrochemical

- Carbonyl Scavengers
- Antipolymerants
- Finished Product stabilizers



INJECTION, AUTOMATION, PIPELINE AND TERMINAL

Tested and Approved Products for Asset protection and product Quality.

- Lubricity Improvers
- H2S Scavengers
- Antioxidants
- Denaturants
- Corrosion Inhibitors
- Cetane Improvers
- CFPP, CFI, PPD, CP
- Dyes and markers
- Fuel Stabilizers
- Detergents
- Octane Boosters
- Dehazers
- Drag Reducing Agents

