



# J & E Hall OFFSHORE

25 Bassendale Road  
Coliseum Business Park  
Bromborough  
Wirral  
CH62 3QL  
T: 0151 334 8070  
E: [marketing@jehall.co.uk](mailto:marketing@jehall.co.uk)  
[www.jehall.co.uk](http://www.jehall.co.uk)



# J & E Hall OFFSHORE

# J & E Hall OFFSHORE

J & E HALL OFFSHORE PROVIDE A COMPREHENSIVE SERVICE TO THE OIL AND GAS INDUSTRY FROM SPECIALIST EQUIPMENT DESIGN AND MANUFACTURE THROUGH TO INSTALLATION, COMMISSIONING AND MAINTENANCE OF HVAC AND REFRIGERATION SYSTEMS.

## COMPLETE SERVICE...

To complement our specialist equipment manufacturing division, J & E Hall provides a comprehensive range of products and services to the offshore and marine industries world-wide. With over 35 years experience in the offshore business we are able to offer the complete service.

- ▶ PERFORMANCE SURVEYS
- ▶ DETAILED DESIGN
- ▶ SUPPLY
- ▶ INSTALLATION
- ▶ COMMISSIONING
- ▶ MAINTENANCE AND REPAIR OF HEATING, VENTILATION, AIR CONDITIONING (HVAC) AND REFRIGERATION SYSTEMS

WITH OVER 35 YEARS  
EXPERIENCE IN THE  
OFFSHORE BUSINESS  
WE ARE ABLE TO OFFER  
THE COMPLETE SERVICE

# Comprehensive SUPPORT...

ALL OF OUR HVAC AND REFRIGERATION ENGINEERS ARE FULLY TRAINED AND QUALIFIED TO CARRY OUT OFFSHORE WORK.

WE PROVIDE COMPREHENSIVE TECHNICAL SUPPORT FOR ALL OUR CLIENTS NEEDS.

Other specialist equipment maintenance can be carried out on a scheduled basis, thereby providing resource and bed-space provision savings.

J & E Hall's service includes air balancing and TR pressurisation testing to current HSQE legislation and duct work cleaning. We are also certified with FPAL for health, safety, environment, competence and training.

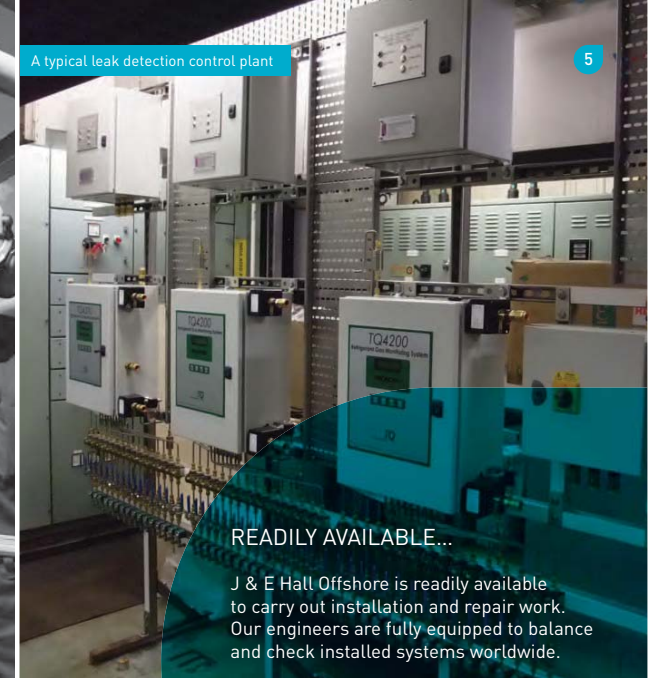
Not only do we supply all our products and services offshore, but we are also able to offer our full range of capabilities for dry dock applications.

4



A typical leak detection control plant

5



## READILY AVAILABLE...

J & E Hall Offshore is readily available to carry out installation and repair work. Our engineers are fully equipped to balance and check installed systems worldwide.

We currently provide repair and maintenance services to a number of offshore operators in respect of fixed platforms, mobile drilling rigs, semi submersibles and FPSO's.

## PURPOSE BUILT FACILITY...

At Offshore we have purpose built storage facilities and workshop areas where we can to easily accommodate multiple refrigerated containers.

We have built, installed and commissioned various air conditioning chiller units, bespoke refrigerated units, full compressor and marine condenser packs with electrical control systems and EExd refrigerated units to ATEX certification.

J & E Hall the necessary services to test and certify all equipment prior to being dispatched for offshore applications.

## REFRIGERATION AND AIR CONDITIONING...

- ▶ DESIGN, SUPPLY AND INSTALLATION OF COMPLETE SYSTEMS
- ▶ REFRIGERATION PROCESS EQUIPMENT FOR NATURAL GAS AND HYDROCARBONS
- ▶ SYSTEM COMMISSIONING AND AIR BALANCING
- ▶ HVAC SYSTEM SURVEYS AND INTEGRITY CHECKS
- ▶ REFRIGERATION AND AIR CONDITIONING REPAIR AND MAINTENANCE
- ▶ PLANNED PREVENTATIVE MAINTENANCE
- ▶ CFC/HCFC REFRIGERANT RECLAIM AND RETROFIT
- ▶ LEAK DETECTION
- ▶ F GAS REGULATION ASSISTANCE



# Zone 1 CONTAINERS...



AT J & E HALL WE DESIGN, BUILD AND INSTALL A RANGE OF ZONE 1 CONTAINERS TO PERFECTLY MATCH YOUR REQUIREMENTS. CONTAINERS CAN BE SINGLE OR DUAL TEMPERATURE FOR BOTH CHILL AND FREEZE. ALL COMPONENTS ARE COMPLIANT TO ZONE 1 STANDARD AND COMPLETE CONTAINERS ARE LLOYDS CERTIFIED.

## PROCESS REFRIGERATION PACKAGES

- ▶ CUSTOM BUILT CHILLER PACKAGES
- ▶ DESIGNED & MANUFACTURED TO MEET CUSTOMER EXACT REQUIREMENTS
- ▶ ONSHORE AND OFFSHORE APPLICATIONS
- ▶ COOLING OF ANY FLUID, NO MATTER HOW TOXIC, FLAMMABLE
- ▶ HYDROCARBON, AMMONIA, CO2, HFC & HFO REFRIGERANTS
- ▶ COMPLIANCE WITH INTERNATIONAL STANDARDS & CUSTOMER SPECIFICATIONS - API, ASME, TEMA, PED, DEP ETC.
- ▶ EXTREME OPERATING CONDITIONS
- ▶ 20KW UP TO 6,000KW AND ABOVE
- ▶ FLUID OUTLET TEMPERATURE DOWN TO MINUS 90°C
- ▶ AMBIENT TEMPERATURES FROM -50°C TO 55°C
- ▶ HAZARDOUS AREA INSTALLATION

## NATURAL GAS LIQUEFACTION...

J & E Hall has a long history associated with natural gas liquefaction refrigeration equipment for the offshore industry on most associated system types. We cover everything from open, screw and centrifugal compressors (with various tonnage refrigerant charges) to design, installation, repair and maintenance.

To complement this service J & E Hall International has a wide range of specialist equipment including:

- ▶ EEXD REFRIGERANT DECANTING SKIDS
- ▶ EEXD EDWARDS HIGH VACUUM PUMPS E20/E40/E80
- ▶ LIQUID VAPOUR RECOVERY E.G 1000Kg/4 HOURS

- ▶ VARIOUS EDWARDS AIR DRIVEN VACUUM PUMPS
- ▶ AIR DRIVEN LIQUID REFRIGERANT DECANT AND FILLING PUMPS
- ▶ FLEXIBLE REFRIGERANT HOSES
- ▶ HIGH PRESSURE HOSES
- ▶ SYSTEM CLEAN UP DRIERS

J & E Hall also has the required expertise and experience in high pressure nitrogen and helium leak testing and specialised equipment.



## INSTALLATIONS...

We offer both standard and bespoke projects and packages including synthetic, hydro carbon or natural based packages for a number of applications including:

- ▶ COLD STORAGE (LOW TEMPERATURE) AND CHILLED STORAGE
- ▶ FULL GALLEY EQUIPMENT
- ▶ COMFORT COOLING
- ▶ DIVE DECOMPRESSION CHAMBER (LIFE SUPPORT SYSTEM)
- ▶ PROCESS REFRIGERATION PACKAGES (GAS DEW POINT CONTROL, DE-HYDRATION PACKAGES, GAS COOLING ETC)

OUR  
ACCREDITATIONS

