



**Brian A. Flynn Limited.**

**Industrial Refrigeration  
HVAC**



**NEWCASTLE-WEST, CO. LIMERICK, IRELAND.**

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**ISO 9001:2008**

# Brian A. Flynn Ltd. ....



... is the largest Irish specialist Industrial Refrigeration and HVAC contracting company

... is certified to I.S. EN ISO 9001:2008 for the sale, design, installation, commissioning and warranty of industrial refrigeration system.



... has more than 40 years of dedication to refrigeration installation service and maintenance.

... has installed some of the largest refrigeration plants in Ireland in Turnkey Projects across a range of industries.

... remanufactures all types of industrial screw and reciprocating compressors

... has over 20 field engineers, strategically located throughout Ireland.



... provides spares and procurement from main office in Newcastle West

... carries vast stock of OEM spare parts in stock at any one time.

... supplies parts from all major Refrigeration equipment manufacturers.



... creates and operates service and maintenance programs for all industrial and HVAC system types.

... has prioritised H&S with major investment in safety training and equipment.

... provides service and support on a 24/7 basis.



... operates a continuous company wide training plan to ensure our Engineers competence.

... has designed and developed an Internet based, personnel management, control and scheduling software system.

... provides project management and service support from main office in Newcastle West.

... ensures that technical queries are answered by experienced refrigeration designers and engineers



... develops comprehensive documentation to cGMP standard.

... meets all the requirements for CE Certification and has successfully achieved Notified Body approval

... has data monitoring available in-house.



# Brian A Flynn Ltd.

INDUSTRIAL REFRIGERATION / HVAC

## EQUIPMENT

### COMPRESSORS

Screw, Recip., Centrifugal, Scroll, Discuss

### LIQUID CHILLERS

Flooded, Direct Expansion, Two-Stage, Pumped

### AIR COOLERS

Chill, Freezer, Blast, Dual discharge, A/C

### FREEZERS

Plate, Spiral, Tunnel, Blast

### EVAPORATORS

Plate heat exchanger, Shell & Tube

### CONDENSERS

Water cooled, Evaporative, Air cooled

### COOLING TOWERS

### ICE PLANT

### ICE BANKS

### AHU/SOCK SYSTEM

### HYDRAULIC MODULES

### PACKAGE UNITS

### SECONDARY REFRIGERANT SYSTEMS

### HVAC UNITS

### INSULATED COLDROOMS



# Brian A Flynn Ltd.

## INDUSTRIAL REFRIGERATION / HVAC

### BAF Service & Maintenance Department Summary

#### Core Services

Site specific Preventative Maintenance programs  
Compressor overhaul and re-manufacture  
Plate Heat Exchanger Overhaul and CIP  
Trouble shooting and breakdown service  
Supply of spare parts

#### Support Services

##### Mechanical

Vibration analysis  
Shaft/coupling laser alignment  
Bearing replacement  
Pipe wall/vessel thickness measurement

##### Chemical

Oil analysis  
Oil decontamination  
Refrigerant analysis (primary and secondary)  
Refrigerant decontamination  
Refrigerant recovery  
Refrigerant replacement  
Refrigerant Leak detection

##### Energy & Performance

Thermographic analysis  
Air velocity and temperature mapping  
Liquid flow metering and recording  
Power measurements  
Efficiency and performance monitoring  
Data logging and analysis

##### Health & Safety

EN378 compliance surveys and gap analysis  
Risk assessment and hazard analysis  
Pressure Safety valve upgrade  
Pressure Safety valve overhaul and calibration  
Documentation up-grade  
Operator/maintenance staff re-training

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## APPLICATIONS

CHILLING  
FREEZING  
HVAC CHILLERS  
AIR CONDITIONING  
COMFORT COOLING  
DEHUMIDIFICATION  
GAS LIQUIFICATION  
LIQUID COOLING  
THERMAL STORAGE  
ICE PRODUCTION  
HEAT RECOVERY



## END USERS

PHARMACEUTICAL  
CHEMICAL  
BREWING  
DAIRY  
MEAT  
FISH  
POULTRY  
IT  
ELECTRONIC  
SERVER ROOMS  
INDUSTRIAL PROCESSING

