

# ADS LTD

AIR DESIGN SYSTEMS LTD

DESIGN



SUPPLY



INSTALL



SERVICE



EXPORT



Design and installation consultants to the construction industry for

**ARCHITECTURAL LOUVRE SYSTEMS  
SMOKE VENTILATION  
INDUSTRIAL AND COMMERCIAL VENTILATION**



# DESIGN AND INSTALLATION CONSULTANTS

ADS Ltd offer a specialist sub-contract facility to the specifying industrial and commercial fields for all aspects of industrial and commercial ventilation. The company was first registered in June 1993, however, the principal director has operated successfully within the industrial and commercial design field with major international companies since 1979.

Although having started out from very humble beginnings, we have consistently grown and built up a proven track record working in partnership with our clients resulting in repeat business as well as ventilation work on some of the most prestigious projects undertaken nationwide.

ADS Ltd have arranged purchasing agreements with some of the leading manufacturers of ventilation equipment within Europe enabling us to offer our clients a full design service, equipment specification and selection, project management, site installation and after sales service in the form of a planned maintenance and service agreement with our own service division.

Working with UK based companies, we also provide a design service for industrial ventilation equipment specification and selection for the export market throughout Europe, Middle East and the Far East.

The three main key aspects of our business are:

## Architectural Louvres

- extruded and fabricated fixed blade louvre
- adjustable louvres
- solar shading louvres
- high performance weather louvres
- acoustic louvres

## Industrial and Commercial Ventillation

- powered extract and input fans
- natural ventillation
- air handling units
- air conditioning
- energy management

## Smoke Ventilation

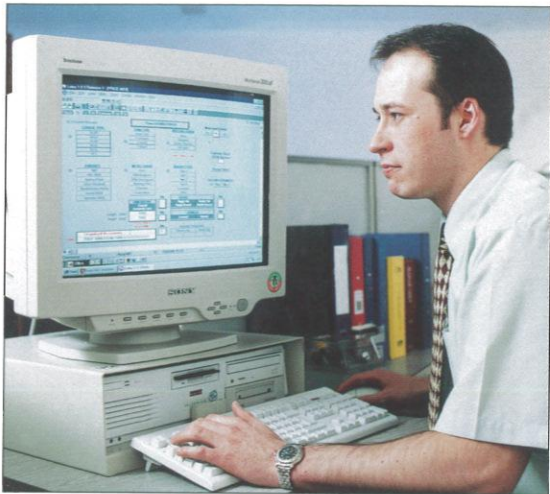
- natural smoke ventilation
- powered smoke ventilation
- fixed and powered smoke curtains
- smoke control systems

## FRONT COVER

- |                |                                        |
|----------------|----------------------------------------|
| <b>Fujitsu</b> | - Newton Aycliffe                      |
|                | - Screening louvres                    |
|                | - Sir Robert McAlpine                  |
| <b>Samsung</b> | - Teeside                              |
|                | - Louvres and glazed smoke ventilators |
|                | - Kvaerner Construction                |
| <b>Siemens</b> | - North Tyneside                       |
|                | - Plant room louvres                   |
|                | - Hathaway Roofing                     |







**ESTIMATING** - Accurate computer estimating packages allows ADS Ltd a fast response to all enquiries.



**PROJECT PLANNING** - Attention to detail ensures that clients requirements are met in full.



**COMPUTER AIDED DESIGN** - Latest Autocad drawing facility to ensure accuracy and compatibility with our clients.



**SITE INSTALLATION** - From concept through to commissioning ADS Ltd provide experienced engineers to oversee the complete project.





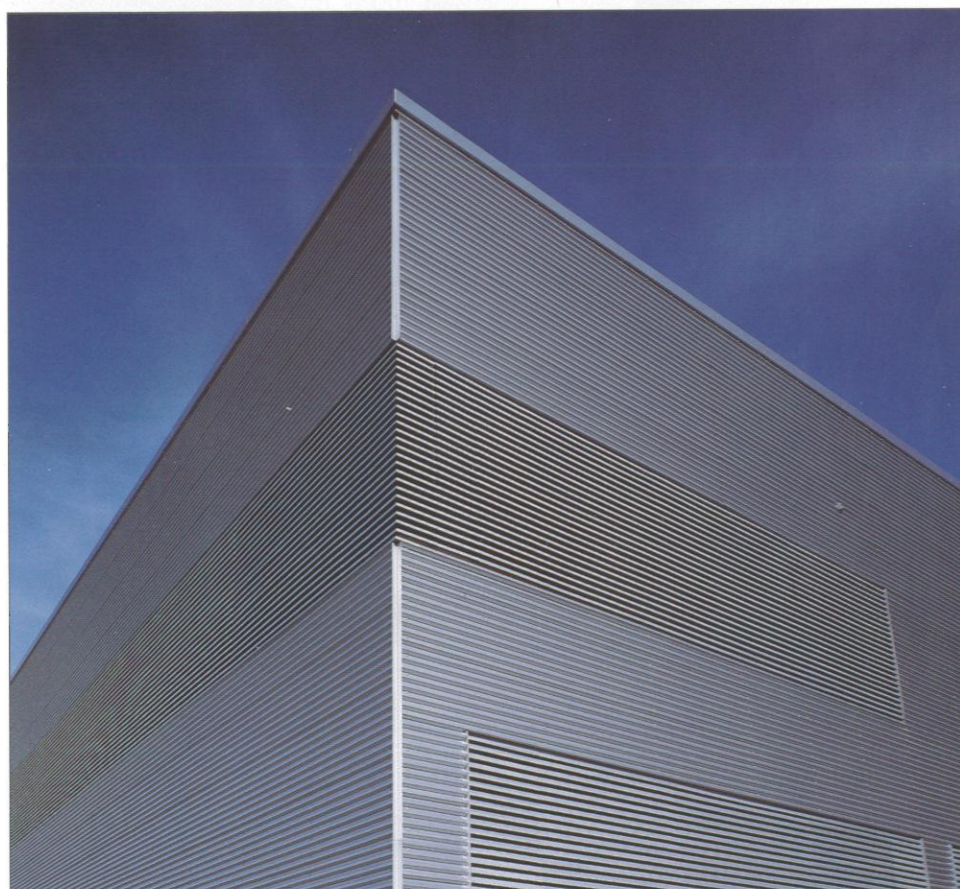
## ARCHITECTURAL LOUVRES



**B.T. TELESales, DONCASTER** - Extruded aluminium louvre panels. **Architect:** Stride and Treglown. **Our client:** Hathaway Roofing Ltd.



**FLEETWOOD WATER TREATMENT** - Double louvre doors. **Contractor:** Taylor Woodrow.



**SIEMENS, NORTH TYNESIDE** - Welded mitred corner to special profile to match cladding. **Architect:** Parr partnership. **Contractor:** McAlpines/Hochtief joint venture. **Our client:** Hathaway Roofing Ltd.

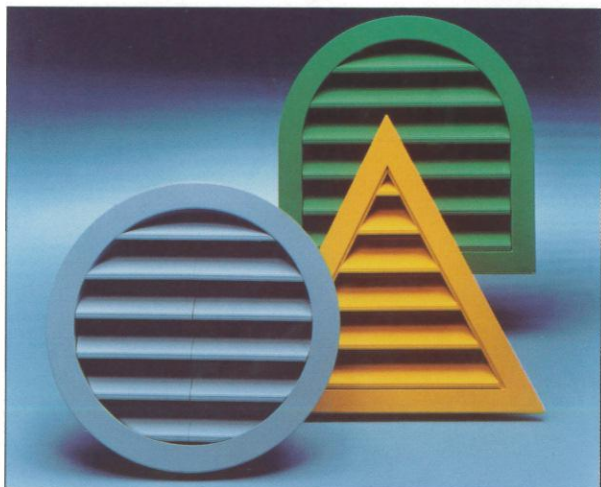




**SIEMENS, NORTH TYNESIDE** - Special profile louvre bank to match cladding. **Architect:** Parr partnership. **Contractor:** McAlpines/Hochtief joint venture. **Our client:** Hathaway Roofing Ltd.



Extruded aluminium double bank louvre with integral guard.



Extruded aluminium single bank special shape louvres



**SAMSUNG TRAINING CENTRE, CLEVELAND** - Plant room louvres. **Architect:** Couves Ltd. **Contractor:** Kvaerner Construction.



**B.N.F.L., THORPE OFFICES** - External solar shading. **Our client:** Hathaway Roofing Ltd.



**SCOTTISH EXHIBITION CENTRE, GLASGOW** - Plant room louvres. **Architect:** Foster & Partners.



## SMOKE VENTILATION



**SAMSUNG TRAINING CENTRE, CLEVELAND** - Glazed smoke ventilators to atrium. **Our client:** Kvaerner Construction.



Low profile pneumatically operated thermally broken glazed casement smoke ventilator.



**HEATHROW AIRPORT** - Casement smoke ventilator with failsafe tubular motor. **Our client:** Hathaway Roofing Ltd.



**CASTLEGATE SHOPPING CENTRE, STOCKTON** - Glazed casement smoke ventilators with failsafe electric tubular motors.





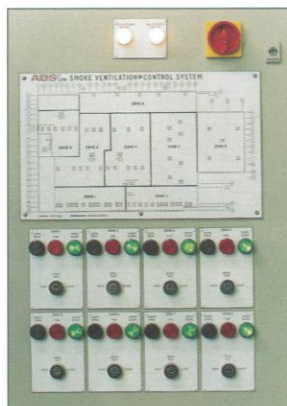
**WELLSTREAM NORTH SEA, NEWCASTLE UPON TYNE -**  
Smoke and day to day ventilation system. **Main contractor:**  
Shepherd Construction Ltd. **Our client:** NG Bailey Ltd.



**WELLSTREAM NORTH SEA -**  
67 louvred smoke ventilators  
22 powered smoke fans  
59 powered extract fans  
19 adjustable inlet louvres



**WELLSTREAM NORTH SEA**  
semi duplex compressor with horizontal receiver



**WELLSTREAM NORTH SEA**  
1 master 8 zone smoke  
ventilation control panel



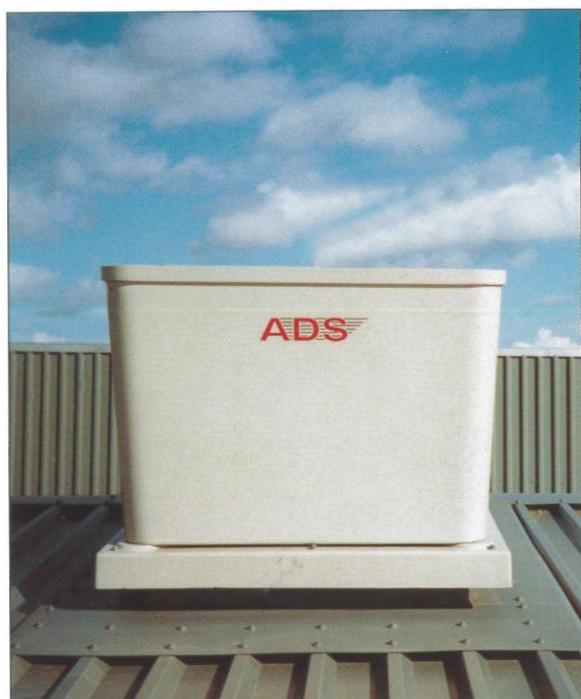
**WELLSTREAM NORTH SEA -**  
12 fixed smoke curtains, 1 powered smoke  
curtain, 22 powered smoke fans with  
failsafe louvred smoke ventilators.



**CASTLEGATE SHOPPING CENTRE, STOCKTON -** Glazed smoke ventilation system. **Our client:** Birse Construction Ltd.



# INDUSTRIAL AND COMMERCIAL VENTILATION



**WELLSTREAM NORTH SEA, NEWCASTLE UPON TYNE** - Vertical discharge extract fans. **Our client:** NG Bailey & Co Ltd.



**WELLSTREAM NORTH SEA, NEWCASTLE UPON TYNE** - Extra performance inlet louvres with electrically operated dampers.



**DOVER HARBOUR TRANSIT SHEDS** - Natural ridge ventilators and powered extract fans. **Our client:** Atlas Ward Structures.



**NB PRINT, WASHINGTON** - Air conditioning ceiling cassettes to design studio.



**FENLAND LAUNDRIES, GRANTHAM** - Local air inlet with hepa filters to clean room.



**FENLAND LAUNDRIES, GRANTHAM** - Gas fired air handling unit with hepa filters providing clean fresh air to clean room.



# EXPORT

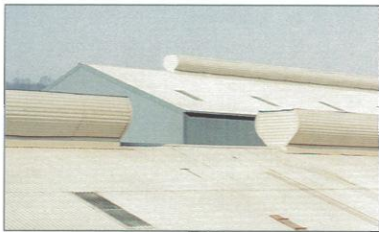


**PROCTER & GAMBLE, TIANJIN, CHINA**  
ADS Ltd designed and supplied ventilation equipment for export on these projects.



**MOBIL OIL, SHANGHAI, CHINA**

High capacity ridge ventilators to provide weathered natural ventilation.



Natural louvred ventilators to provide day to day and smoke ventilation.



**AMERICAN STANDARD, SHANGHAI, CHINA**



**SCRC CONTAINERS, SHANGHAI, CHINA**



**COCA COLA, MINSK**



## SERVICE AND INSTALLATION



ADS service, a division of ADS Ltd provide both a service and installation facility to all ADS Ltd's ventilation equipment.

It is important that the ventilation system is maintained and kept in good working condition and in the case of smoke ventilation, where life safety is important, it is vital.

A full planned maintenance service is available for both new and existing ventilation systems. Please contact our service division on 0191 4211152 for more information.







SIEMENS, NORTH TYNESIDE

## Installations

We have listed below a small sample of the diverse range of contracts undertaken by ourselves.

### Electronics Industry

Siemens - North Tyneside  
 Samsung - Wynyrd  
 Fujitsu - Newton Aycliffe / Birmingham  
 Hyundai - Dunfermline  
 Lexmark Europe - Rosyth

### Airports

Heathrow Airport  
 Stanstead Airport  
 Newcastle Airport  
 Manchester Airport

### Superstores

Asda - Trafford Park / Queensferry / Cardiff / Gateshead / Wigan /  
 Colchester / Tamworth / Stafford / Clydebank  
 Olympus - Aberdeen / Edinburgh  
 Woolworths - Aberdeen

### Hospitals

Queen Elizabeth - Gateshead  
 Freeman - Newcastle upon Tyne  
 RVI - Newcastle upon Tyne  
 General Hospital - Derby  
 General Hospital - Sunderland

### Schools and Universities

Royal Grammar School - Newcastle upon Tyne  
 Durham University  
 Teeside University  
 University College Stockton  
 Wearside Technical College

### Distribution Centres

Argos - Stafford  
 BT - Lutterworth  
 Sainsbury's - Worcester

### Call Centres

BT - Doncaster  
 First Direct - Hamilton

### Industrial

Wellstream North Sea - Newcastle upon Tyne  
 British Nuclear Fuels - Sellafield  
 Hartlepool Power Station  
 Heysham Power Station  
 Cleveland Waste to Energy Plant  
 Dover Harbour  
 Fleetwood Waste Water Treatment Works  
 3M Healthcare - Loughborough  
 Searle Pharmaceuticals - Morpeth  
 Procter & Gamble - Seaton Deval  
 Unipart - Cowley  
 Fenland Laundries - Skegness / Grantham

### Shopping Centres

Castlegate - Stockton  
 Cruddas Park - Newcastle upon Tyne  
 Victoria Centre - Consett

### Leisure

Scottish Exhibition Centre - Glasgow  
 Smiths Park - North Shields  
 Wet & Wild - North Shields  
 Harrow Leisure Centre  
 John Lloyd Tennis Centre - Bristol / Cardiff  
 Marriott Hotel - Newcastle upon Tyne  
 Slaley Hall - Hexham

### Export

Coca Cola - Minsk / Kiev  
 Delphi Chassis - Shanghai  
 Mobil Oil - Shanghai  
 World Standard - Tianjin  
 Delco International - Shanghai  
 Blue Circle - Shanghai  
 ICI - Shanghai  
 Procter & Gamble - Tianjin  
 Shell - Tianjin  
 SCRS Containers - Shanghai  
 Godbeer - Kazakhstan





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