

Gas Free Certificate

THIS CERTIFICATE IS VALID FROM Time 12.00 Date 14-10-11 TO Time 12.00 Date 18-10-11

SIGNED [Signature] FOR [Signature]

ARROW ENVIRONMENTAL SERVICES LTD (On behalf of Arrow Environmental Services Ltd)

AP Exchange Works - Kelvin Way, West Bromwich, West Midlands B70 7JN. Tel: 0121-525 0752 Fax: 0121-525 5179

ARROW ENVIRONMENTAL SERVICES LTD



ARROW ENVIRONMENTAL SERVICES LTD

Gas Free Certificate 2432

COMPANY KERTAGE LOCATION R.A.F. HAYES
VESSEL No. POL-2-A DEPARTMENT TSCM

The above vessel has been tested by means of MSA Model 2E Explosimeter/MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 9.30 Date 5-10-11
TO Time 9.30 Date 6-10-11

SIGNED [Signature]
(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate 2433

COMPANY VERTHE LOCATION RAF MAYEAD
VESSEL No. POL-2-B DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 9-15 Date 5-10-11
TO Time 9-15 Date 6-10-11

SIGNED 

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate 2434

COMPANY VERTAC
VESSEL No. POL-2-C
LOCATION R.N.E. Haywards
DEPARTMENT T.E.C.H.

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 9.45 Date 5-10-11
TO Time 9.45 Date 6-10-11

SIGNED

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate 2435

COMPANY VENTAGE LOCATION R.A.F. HAYES
VESSEL No. POL-2-D DEPARTMENT TECA

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 10-00 Date 5-10-11
TO Time 10-00 Date 6-10-11

SIGNED

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate 2439

COMPANY VERTAGE

VESSEL No. POC-2-E

LOCATION R.A.F. Heyford

DEPARTMENT TBA

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 10-15 Date 6-10-11

TO Time 10-15 Date 7-10-11

SIGNED [Signature]

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate 2440

COMPANY VENTASB LOCATION R.A.F. Heyford
VESSEL No. POL-2-F DEPARTMENT T.B.M.

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 10.30 Date 6-10-11
TO Time 10.30 Date 7-10-11

SIGNED [Signature]
(On behalf of Arrow Environmental Services Ltd.)



ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179

Gas Free Certificate

COMPANY: KELMAS LOCATION: R.A.T. DEPARTMENT: 504

VESSEL NO: 60127
The above vessel has been tested by means of MSA Model 2E Explosimeter/MSA GAS CARD 2 and is considered to be free of flammable gases and is suitable for work including not work to be carried out provided that safe working practices are observed

THIS CERTIFICATE IS VALID FROM

Time 9:00 AM Date 14-10-11
TO Time 9:00 AM Date 15-10-11

SIGNED

(On behalf of Arrow Environmental Services Ltd.)

Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0752, Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate

THIS CERTIFICATE IS VALID FROM
Time 9-30 Date 14-10-11
TO Time 9-30 Date 18-10-11
SIGNED
On behalf of Arrow Environmental Services Ltd.
Exchange Works, Kelving Way, West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd. has been tested by means of MSA Model 2E Explosimeter / MSA GAS CARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work, to be carried out provided that safe working practices are observed.

Gas Free Certificate

THIS CERTIFICATE IS VALID FROM

Time 10:00 TO Time 10:00

Date 14-10-11

SIGNED

(On behalf of Arrow Environmental Services Ltd)

Exchange Works, Kelvin Mayes, LTD

West Bromwich, West Midlands B70 7JN

Tel: 0121-525 0757 Fax: 0121-525 1179

Arrow Environmental Services Ltd

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Arrow Environmental Services Ltd

Gas Free Certificate

COMPANY: KETAS Z. LOCATION: KAITHELE
VESSEL NO: 2023 DEPARTMENT: 1/SEA
The above vessel has been tested by means of MSA Model 2E Explosimeter/MSA GAS GARD 2 and is considered safe to be free of flammable gases and is suitable for work including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 13:30 Date 12-10-11
To Time 13:30 Date 13-10-11

SIGNED: [Signature] FOR: [Signature]

(On behalf of Arrow Environmental Services Ltd.)

Arrow Environmental Services Ltd.

Exchange Works - Kelving Way

West Bromwich, West Midlands B70 7JN

AR 121-525 0752 Fax 0121-525 4179



Gas Free Certificate

COMPANY: **DEKOR & POLY** LOCATION: **RAF ALEX FORA**

VESSEL NO: **22**

DEPARTMENT: **70504**

The above vessel has been tested by means of MSA Model 2E Explosimeter (MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work including hot work provided that safe working practices are observed

THIS CERTIFICATE IS VALID FROM

Time **11:00** Date **12-10-11**

Time **11:00** Date **13-10-11**

SIGNED

(On behalf of Arrow Environmental Services Ltd)

ARROW ENVIRONMENTAL SERVICES LTD

ARROW ENVIRONMENTAL SERVICES LTD

ARROW ENVIRONMENTAL SERVICES LTD

ARROW ENVIRONMENTAL SERVICES LTD

ARROW ENVIRONMENTAL SERVICES LTD

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Arrow Environmental Services Ltd

Gas Free Certificate

COMPANY **VERITAS** LOCATION **WILKINSON** DEPARTMENT **WILKINSON**

VESSEL **PAZ 22** TO **PAZ 22** DATE **12-10-11**

THIS CERTIFICATE IS VALID FROM **12-10-11** TO **12-10-11**

SIGNED **[Signature]** FOR **VERITAS**

(On behalf of Arrow Environmental Services Ltd)

ARROW ENVIRONMENTAL SERVICES LTD

West Midlands B70 7JN
Tel: 0121-925 0952 Fax: 0121-925 1179



Gas Free Certificate

2447

COMPANY VERTASE LOCATION R.A.F. Heyford
VESSEL No. POL-3-A DEPARTMENT TGCA

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 12.00 Date 10-10-11
TO Time 12.00 Date 11-10-11

SIGNED



(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,

West Bromwich, West Midlands B70 7JN

Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate 2448

COMPANY VERTASE LOCATION R.A.F. Heyes
VESSEL No. POL-3-B DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 12-30 Date 10-10-11
TO Time 12-30 Date 11-10-11

SIGNED



(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate

1788

COMPANY Vitesse LOCATION Offshore
VESSEL No. POL S (A) DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 10:30 Date 8-11-11
TO Time 10:30 Date 9-11-11

SIGNED

P. Brink

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate

1787

COMPANY Vantage LOCATION Offe Hayford
VESSEL No. POL S (B) DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 9-30 Date 8-11-11
TO Time 9-30 Date 9-11-11

SIGNED

C. Bray

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,
West Bromwich, West Midlands, B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate

1789

COMPANY VERDASE LOCATION 6 Ple Helder
VESSEL No. Pal 6 DEPARTMENT 1 ECH

The above vessel has been tested by means of MSA Model 2E Explosimeter/ MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 10-15 Date 8-11-11
TO Time 11-15 Date 9-11-11

SIGNED

P. Brank

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 / Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate 1770

COMPANY VOITASE

VESSEL No. Per 7

LOCATION UPPER HAYFIELD

DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 07.40

Date 27-10-11

TO Time 11.00

Date 28-10-11

SIGNED

Brought

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate

1774

COMPANY Vpase LOCATION Oppor to yaf
VESSEL No. fol 8 DEPARTMENT Tech

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 13-00 Date 27 10 11
TO Time 13-00 Date 28 10 11

SIGNED

CB

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,

West Bromwich, West Midlands B70 7JN

Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate

2445

COMPANY VERTAGE LOCATION R.A.F. Heyford
VESSEL No. POL-9-1A DEPARTMENT TSCA

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

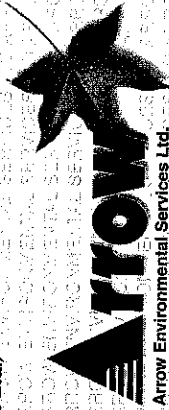
THIS CERTIFICATE IS VALID FROM

Time 14-00 Date 7-10-11
TO Time 14-00 Date 8-10-11

SIGNED

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate

2446

COMPANY VENTASC LOCATION R.A.F. Heyford
VESSEL No. PO L-9-B DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 12.00 Date 11-10-11
TO Time 12.00 Date 12-10-11

SIGNED

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate

1767

COMPANY VERTASE LOCATION FOL-10
VESSEL No. 10 A DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 10-00 Date 14-10-2011
TO Time 10-00 Date 15-10-2011

SIGNED

EB

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate

1768

COMPANY VOETASE LOCATION Pac 10
VESSEL No. 10 B DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

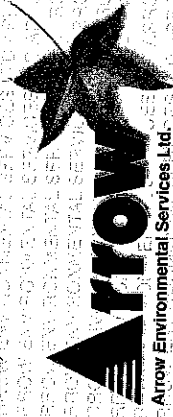
Time 12-00 Date 14-10-2011
TO Time 12-00 Date 15-10-2011

SIGNED

C. Brind

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate

1769

COMPANY Veritas LOCATION Offshore Field
VESSEL No. POL 11 DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS CARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 11:00 Date 27-10-11

TO Time 11:00 Date 28-10-11

SIGNED

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757, Fax 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate 2441

COMPANY VERTASEL LOCATION R.A.F. Heyford
VESSEL No. POL-12-A DEPARTMENT TSCA

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 12.30 Date 6-10-11
TO Time 12.30 Date 7-10-11

SIGNED

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate 2442

COMPANY VERTASZ LOCATION R.A.C. Heyford
VESSEL No. POL-12-B DEPARTMENT TE014

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 13.00 Date 6.10.11
TO Time 13.00 Date 7.10.11

SIGNED [Signature]
(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate

1792

COMPANY VOORPASE

LOCATION Upper Heyford

VESSEL No. Pol 13

DEPARTMENT Tech

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 12.30 Date 14.11.11

TO Time 12.30 Date 15.11.11

SIGNED

CPH

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0752 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate

2437

COMPANY VERTASB

LOCATION R.A.F. Heyford

VESSEL No. P00-14-A

DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter/MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 09.15 Date 6.10.11

TO Time 09.15 Date 7.10.11

SIGNED



(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,

West Bromwich, West Midlands B70 7JN

Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate 2436

COMPANY VERTASE LOCATION R.A.F. Hayford
VESSEL No. P00-14-B DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter/ MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

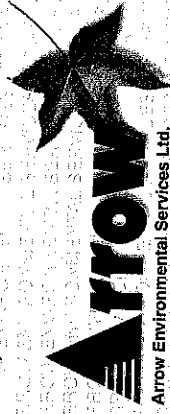
THIS CERTIFICATE IS VALID FROM

Time 12-30 Date 5-10-11
TO Time 12-30 Date 6-10-11

SIGNED

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate

1790

COMPANY VERTASE

LOCATION Warrington

VESSEL No. Pol 15 (A)

DEPARTMENT Treat

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 09-00 Date 16-11-11

TO Time 09-00 Date 18-11-11

SIGNED

E. Bryn

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate 2443

COMPANY VERTASE LOCATION R.A.F. Heyford
VESSEL No. Pol 15-B DEPARTMENT TSCA

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 10.00 Date 6-7-10-M
TO Time 10.00 Date 8-10-11

SIGNED



(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate 2444

COMPANY VENTASE LOCATION R.A.F. Heyford
VESSEL No. POL-15-B DEPARTMENT TESOL

The above vessel has been tested by means of MSA Model 2E Explosimeter/ MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 16-30 Date 7-10-11
TO Time 10-30 Date 8-10-11

SIGNED



(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate 2431

COMPANY Kentare LOCATION R.A.F. Hayford
VESSEL No. Pol 16 DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 12.15 Date 4-10-11
TO Time 12.15 Date 5-10-11

SIGNED



(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,

West Bromwich, West Midlands B70 7JN

Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate 2420

COMPANY VERTASE LOCATION RAF Heyford
VESSEL No. Zone 17-A DEPARTMENT TED

The above vessel has been tested by means of MSA Model 2E Explosimeter/ MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 12.00 Date 3-10-11
TO Time 12.00 Date 4-10-11

SIGNED

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate 2421

COMPANY VERTASE LOCATION R.A.F. HEYFORD
VESSEL No. Z0006 17-B DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter/ MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 12.05 Date 3-10-11
TO Time 12.05 Date 4-10-11

SIGNED



(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate 2422

COMPANY VERTAGE LOCATION R.A.F. HAYES
VESSEL No. ZONE 17-C DEPARTMENT TSCA

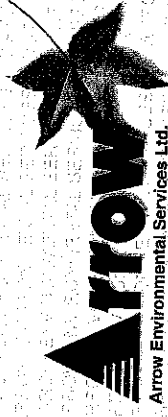
The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 12.10 Date 3-10-11
TO Time 12.10 Date 4-10-11

SIGNED [Signature]
(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate 2424

COMPANY VERTASZ LOCATION R.A.F. Hayford
VESSEL No. 2016 17 - D DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 14.00 Date 3-10-11

TO Time 14.00 Date 4-10-11

SIGNED



(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,

West Bromwich, West Midlands B70 7JN

Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate 2425

COMPANY VERTAS LOCATION R.A.F. HA9F
VESSEL No. ZONE 17-E DEPARTMENT TE014

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 14-30 Date 3-10-11
TO Time 14-30 Date 4-10-11

SIGNED [Signature]
(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,

West Bromwich, West Midlands B70 7JN

Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate 2423

COMPANY VERTAGE LOCATION R.A.F. HAYDON
VESSEL No. ZONE 17 - F DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 12.15 Date 3-10-11
TO Time 12.15 Date 4-10-11

SIGNED



(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate 2426

COMPANY VERTASE LOCATION R.A.F. Hayford
VESSEL No. Z04817-G DEPARTMENT TECH

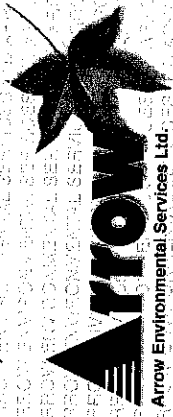
The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 11.15 Date 4-10-11
TO Time 11.15 Date 5-10-11

SIGNED [Signature]
(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate

2427

COMPANY VENTAGE LOCATION R.A.F. HAYES
VESSEL No. ZONE 17 - H DEPARTMENT T.B.C.H.

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 10.30 Date 4.10.11
TO Time 10.30 Date 5.10.11

SIGNED [Signature]
(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate

2428

COMPANY KERTAS B LOCATION R.A.F. Hayford
VESSEL No. Z02617-J DEPARTMENT T ECH

The above vessel has been tested by means of MSA Model 2E Explosimeter/MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 10-00 Date 4-10-11
TO Time 10-00 Date 5-10-11

SIGNED

(On behalf of Arrow Environmental Services Ltd.)



ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,

West Bromwich, West Midlands B70 7JN

Tel: 0121-525 0757 Fax: 0121-525 1179

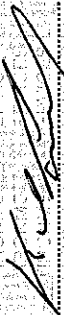
Gas Free Certificate 2429

COMPANY VERTASZ LOCATION R.A.F. Hayford
VESSEL No. Z00217 K. DEPARTMENT Tech

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS-GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 9.30 Date 4-10-11
TO Time 9.30 Date 5-10-11

SIGNED 

(On behalf of Arrow Environmental Services Ltd.)

SIGNED

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate 2430

COMPANY VENTAS LOCATION R.A.F. Hayford
VESSEL No. 200E 17 L DEPARTMENT TECA

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 9-00 Date 4-10-11
TO Time 9-00 Date 5-10-11

SIGNED [Signature]
(On behalf of Arrow Environmental Services Ltd.)



ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax 0121-525 1179

Gas Free Certificate 2438

COMPANY VERTASE LOCATION R.A.F. Heyford
VESSEL No. P00 17-M DEPARTMENT TECA

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 09.45 Date 6-10-11

TO Time 09.45 Date 7-10-11

SIGNED

(On behalf of Arrow Environmental Services Ltd.)



ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,

West Bromwich, West Midlands B70 7JN

Tel: 0121-525 0757 Fax: 0121-525 1179

Gas Free Certificate

1778

COMPANY VERTASE LOCATION Wre. Hayfold
VESSEL No. Pa-20 (A) DEPARTMENT TCCU

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 09:00 Date 1-11-11

TO Time 09:00 Date 2-11-11

SIGNED

Cherb

(On behalf of Arrow Environmental Services Ltd.)

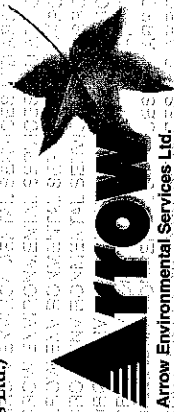
ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,

West Bromwich, West Midlands B70 7JN

ARROW ENVIRONMENTAL SERVICES LTD. Tel: 0121-525 1179

ARROW ENVIRONMENTAL SERVICES LTD. Fax: 0121-525 1179



Gas Free Certificate

1779

COMPANY VERTASE LOCATION Office Heyford
VESSEL No. Pol-20 (B) DEPARTMENT Tech

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 09.30 Date 1-11-11
TO Time 09.30 Date 2-11-11

SIGNED

CPB

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate

1780

COMPANY VERTASE LOCATION URRLE HEY FORD
VESSEL No. Pa-20 (c) DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 10-00 Date 1-11-11
TO Time 10-00 Date 2-11-11

SIGNED CBry (On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate

1781

COMPANY VERTASE LOCATION WRA Heyford
VESSEL No. Pa 20 (D) DEPARTMENT Recit

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 10.30 Date 1.11.11
TO Time 10.30 Date 2.11.11

SIGNED C. Brail
(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525-0757 Fax: 0121-525-1179



Gas Free Certificate

1782

COMPANY VORTASE LOCATION Warr. Hylford
VESSEL No. Pol 20 (E) DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter/ MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 11.30 Date 1-11-11
TO Time 11.30 Date 2-11-11

SIGNED

C. Brash

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,

West Bromwich, West Midlands B70 7JN

Tel: 0121-525 0757 Fax: 0121-525 1179

ARROW ENVIRONMENTAL SERVICES LTD



Arrow Environmental Services Ltd.

Gas Free Certificate

1783

COMPANY Veritase LOCATION Upper Heyford
VESSEL No. Pa 20 (F) DEPARTMENT Tech

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 12.00 Date 1.11.11
TO Time 12.00 Date 2.11.11

SIGNED

C. Brub

(On behalf of Arrow Environmental Services Ltd.)

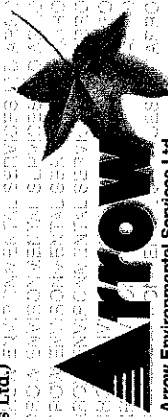
ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,

West Bromwich, West Midlands B70 7JN

Tel: 0121-525 0757 Fax: 0121-525 1179

ARROW ENVIRONMENTAL SERVICES LTD



Gas Free Certificate

1771

COMPANY Yorlase LOCATION Offe Hayford
VESSEL No. Pol 20 (9) DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 09.30 Date 28.10.11
TO Time 09.30 Date 29.10.11

SIGNED

C. Boyle

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,

West Bromwich, West Midlands B70 7JN

Tel: 0121-525 0757 Fax: 0121-525 1179

ARROW ENVIRONMENTAL SERVICES LTD



Arrow Environmental Services Ltd

Gas Free Certificate

1772

COMPANY VERTASE LOCATION WOLLEYFORD
VESSEL No. Per 20 (4) DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 10.15 Date 28.10.11

TO Time 10.15 Date 29.10.11

SIGNED

Chrafu

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate

1773

COMPANY VERTASE LOCATION Ullor Hetted
VESSEL No. Pol 20 (J) DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2F Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 11.00 Date 28.10.11

TO Time 11.00 Date 29.10.11

SIGNED

Cheryl

(On behalf of Arrow Environmental Services Ltd.)



ARROW ENVIRONMENTAL SERVICES LTD.

Exchange Works, Kelvin Way,

West Bromwich, West Midlands B70 7JN

ARROW Tel: 0121-525 0757 Fax: 0121-525 1179

Gas Free Certificate

1776

COMPANY Veritase LOCATION Upper Heyford
VESSEL No. POL 20 (K) DEPARTMENT TTC

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 12.30 Date 28-10-11
TO Time 12.30 Date 29-10-11

SIGNED

Cheryl

(On behalf of Arrow Environmental Services Ltd)



ARROW ENVIRONMENTAL SERVICES LTD

Exchange Works, Kelvin Way,

West Bromwich, West Midlands B70 7JN

Tel: 0121-525-0757 Fax: 0121-525-1179

Arrow Environmental Services Ltd

Gas Free Certificate

1775

COMPANY Varise LOCATION Upper Herts
VESSEL No. Pol 20 (C) DEPARTMENT Tech

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 11-45 Date 28-10-11
TO Time 11-45 Date 29-10-11

SIGNED

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate

1777

COMPANY Veritas LOCATION Upper Heyford
VESSEL No. Doc 90 (M) DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 13.30 Date 28.10.11
TO Time 13.30 Date 29.10.11

SIGNED C Brought
(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate 1795

COMPANY KENTAGE LOCATION R.A.F. HYDE
VESSEL No. Pol-21-A DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 14.00 Date 1-12-11
TO Time 14.00 Date 2-12-11
SIGNED [Signature]

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Gas Free Certificate 1796

COMPANY LENTAS LOCATION R.A.F. H4 Ford
VESSEL No 21-B DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 14.45 Date 14.12.11
TO Time 14.45 Date 15.12.11

SIGNED [Signature]

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

326

to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe

THIS CERTIFICATE IS VALID FROM

Time 1430

Date 29-11-11

Time AIRC 14-30
Date 30-11-2

SIGNED

(On behalf of Arrow Environmental Services Ltd.

[illegible]

Gas Free Certificate 1784

COMPANY Veinase
VESSEL No. Pol 23(B)

LOCATION Uppt. Hayford
DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter/ MSA GAS CARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 12.00 Date 4.11.11

TO Time 12.00 Date 5.11.11

SIGNED E. Brough

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate 2449

COMPANY VERTAS E LOCATION R. A. F. Heyford
VESSEL No. 23 C DEPARTMENT TSCM

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS CARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 13.00 Date 22-11-11
TO Time 13.00 Date 23-11-11
SIGNED [Signature]

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate 2450

COMPANY VEATASC LOCATION R. H. F. HEYWOOD
VESSEL NO. 23 D DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 13.15 Date 22-11-11
TO Time 13.15 Date 23-11-11
SIGNED [Signature]

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

[illegible]

The above vessel has been tested by means of MSA Model 2E Explosimeter. MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe practices are followed.

THIS CERTIFICATE IS VALID FROM

Time Appr. **9-30** Date **80-1-11**

ARROW ENVIRONMENT
TO
Time Aff. 9 - 30
Date 12-11

[illegible]

SIGNED

[illegible][illegible]

ARROW ENVIRONMENTAL SERVICES LTD Arrow Environmental Services Ltd
Tel:0121-525 0756 Fax:0121-525 4179
ARROW ENVIRONMENTAL SERVICES LTD ARROW ENVIRONMENTAL SERVICES LTD

ARROW ENVIRONMENTAL SERVICES LTD ARROW ENVIRONMENTAL SERVICES LTD ARROW

Arrow Environmental Services Ltd
ARROW ENVIRONMENTAL SERVICES LTD ARROW

Gas Free Certificate 1785

COMPANY Veetase LOCATION Offe Hayford
VESSEL No. Pc 25(A) DEPARTMENT Teat

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 12.00 Date 7.11.11
TO Time 12.00 Date 8.11.11

SIGNED [Signature]
(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate

1791

COMPANY Valtase
VESSEL No. Pa 25 (B)

LOCATION Upper Heyford
DEPARTMENT 1 TCH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 11.30 Date 14.11.11
TO Time 11.30 Date 15.11.11

SIGNED

[Signature]

(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

[illegible][illegible]

Gas Free Certificate

332

COMPANY **Leitchas Environmental Services Ltd** LOCATION **R.A.F. Fairford**

VESSEL NO. **21** DEPARTMENT **Technical Services Ltd**

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time **16.00** Date **30-11-11**

TO Time **06.00** Date **1-12-11**

SIGNED

(On behalf of Arrow Environmental Services Ltd)



Arrow Environmental Services Ltd
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0752 Fax: 0121-525 4179

to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe

THIS CERTIFICATE

Date 5011-14

Time APR 16 2011

On behalf of Arrow Environmental Services Ltd.)

ES LTD

2009

Arrow Environmental Services Ltd



334

to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe

THIS CERTIFICATE IS VALID FROM

Time 10:35 Date 30-11-4

TO Time A/E Date 1-12-10

SIGNED

(On behalf of Arrow Environmental Services Ltd.)



ARROW ENVIRONMENTAL SERVICES LTD ARROW ENVIRONMENTAL SERVICES LTD ARROW ENVIRONMENTAL SERVICES LTD ARROW ENVIRONMENTAL SERVICES LTD ARROW ENVIRONMENTAL SERVICES LTD

328

1275-77-000

DEPARTMENT OF SCIENCE

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe

THIS CERTIFICATE IS VALID FROM

Date 30-11-2

Date 1-12-01

SIGNED

(On behalf of Arrow Environmental Services Ltd.)



Arrow Environmental Services Ltd.

ω
ω
ω

1000

to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe

THIS CERTIFICATE IS VALID FROM

Date 5-11-11

Date 1-12-11

[Handwritten signature]

((On behalf of Arrow Environmental Services Ltd.))

ES LTD. **EMERGENCY SERVICES TO AIRPORT**

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PROFESSIONAL SERVICES AND AGENCY



Gas Free Certificate

346

COMPANY *Pen-Tas & Co* LOCATION *R.A.F. Hythe*

VESSEL No. *A.S.T. 75* DEPARTMENT *TECH*

The above vessel has been tested by means of MSA Model 25 Explosimeter / MSA GAS CARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time *13-45* Date *30.11.11*

TO Time *13-45* Date *1-12-11*

SIGNED

(On behalf of Arrow Environmental Services Ltd.)



Arrow Environmental Services Ltd. (On behalf of Arrow Environmental Services Ltd.)

W
N
W
A
E
P
O
Y

The above vessel has been tested by means of MSA Model 42 by the following test results:

to be free of flammable gases and is suitable for use in explosive atmospheres.

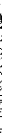
ARROWWORKING PRACTICES ARE DESCRIBED AND
 ACCORDING ENVIRONMENTAL RESOURCES LTD.
 THIS CERTIFICATE IS VALID FROM

ARROW ENVIRONMENTAL LTD SEE
15
Page 22-11-1

Time 7:00
Date 9-8-01
Page 1

TO Time 14-15 Date 1-15

APPROPRIATE ENVIRONMENTAL
REQUIREMENTS

SIGNED  **DAVID A. BROWN**
Environmental Services, Inc.
Environmental Services, Inc.

ARROW ENVIRONMENTAL SERVICES LTD ARROW ENVIRONMENTAL SERVICES LTD ARROW ENVIRONMENTAL SERVICES LTD ARROW ENVIRONMENTAL SERVICES LTD ARROW ENVIRONMENTAL SERVICES LTD

ARROW ENVIRONMENTAL SERVICES LTD

ARROW ENVIRONMENTAL SERVICES LTD.

ARROW ENVIRONMENTAL SERVICES LTD

AR-TEL:0121-5250796 FAX:0121-58238812 D AERROW ENVIRONMENTAL SERVICES LTD AERROW ENVIRONMENTAL SERVICES LTD AERROW ENVIRONMENTAL SERVICES LTD



LEADS & MEDIA

The above vessel has been tested by means of MSA Model 2B Explosimeter/MSA GAS GARD 2 and is considered to be free of flammable vapours and is suitable for work, including hot work to be carried out provided that safe

THIS CERTIFICATE IS VALID FROM 27

Time 14:30

22-11

TO Time 1430

Date

SIGNED

On behalf of Arrow Environmental Services Ltd.

2

348

VESSEL NO.

PROCESSED IMPROVEMENT

DEPARTMENT OF COMMERCE

[illegible]

to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe

THIS CERTIFICATE IS VALID FROM

Time 14:30 Date 30-11-2011

TO Time 14:30 Date 1-12-1

SIGNED

(On behalf of Arrow Environmental Services Ltd.)



Arrow Environmental Services Ltd.

[illegible]

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to be free of flammable gases and is suitable for work, including hot work, to be conducted in an environmentally safe manner.

THIS CERTIFICATE IS VALID FROM

Time 9:25 Date 30-1-77

TO Time APR 9 6:20 AM Date 1-17-20

RECEIVED
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 [Signature]
 ENVIRONMENTAL SERVICES LTD A9000

[illegible]

Gas Free Certificate 1793

COMPANY VENTAGE LOCATION R.A.F. Wycombe
VESSEL No. 4ST-10 DEPARTMENT TECH

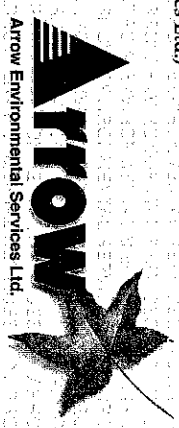
The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 9.15 Date 1-12-11
TO Time 9.15 Date 2-12-11

SIGNED [Signature]
(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

Gas Free Certificate 1794

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VESSEL No. U.S.T-11 DEPARTMENT TECH

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 9.20 Date 1-12-11
TO Time 9.20 Date 2-12-11

SIGNED [Signature]
(On behalf of Arrow Environmental Services Ltd.)

ARROW ENVIRONMENTAL SERVICES LTD.
Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.

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Gas Free Certificate

THIS CERTIFICATE IS VALID FROM

Time 16:15 Date 50-11-11

TO Time 6:15 AM Date 1-15-80

SIGNED

(On behalf of Arrow Environmental Services Ltd.)

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Time 9:20

Date 50-11-11-11

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SIGNED

On behalf of Arrow Environmental Services Ltd



Arrow Environmental Services Ltd.

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TO Time 4:00 PM Date 7-12-11

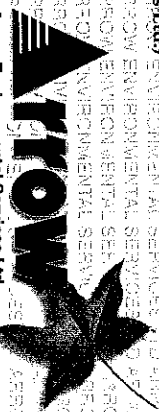
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(On behalf of Arrow Environmental Services Ltd.)

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Living Way, c/o E.L.D. Arrow Environmental Services Ltd. 400

AX-0121-5254379
DARROW ENVIRONMENTAL SERVICES, INC.
ATTORNEY



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to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe

THIS CERTIFICATE IS VALID FROM

Time = 12:30

Date 50-11-11

TO Time 12:30

Date 1-2-11

SIGNED

(On behalf of Arrow Environmental Services Ltd.)



Arrow Environmental Services Ltd

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DEPARTMENT OF HEALTH & HUMAN SERVICES
CENTERS FOR DISEASE CONTROL AND PREVENTION
NATIONAL CENTER FOR ZOOZOOLOGICAL ZOOLOGY
DIVISION OF ZOOZOOLOGICAL ZOOLOGY
UNITED STATES DEPARTMENT OF AGRICULTURE
WASHINGTON, DC 20590-7001
TEL: 202/854-6200 FAX: 202/854-6200
WWW.ASHPHARMACY.COM

to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safety

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TRAINING SECTION

INVESTIGATIVE SECTION

LABORATORY SECTION

LEGAL COUNSEL

CHIEF OF POLICE

CHIEF OF DEPARTMENT

CHIEF OF BUREAU

CHIEF OF DIVISION

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CHIEF OF MARINE CORPS

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On behalf of Arrow Environmental Services Ltd)

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Exchange Works-Kelvin Maynes

AP West Bromwich, West Midlands B70 7JN
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Arrow Environmental Services Ltd.

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Arrowworking practices are observed

THIS CERTIFICATE IS VALID FROM

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Time 12:20 Date 30-11-17

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ARROW ECONOMIC SERVICES
ARROW ENVIRONMENTAL

APPROVED FOR RELEASE BY THE NATIONAL ARCHIVES
 SIGNED: [Signature]
 DATE: 10/10/2001
 ENVIRONMENTAL AND ENERGY SYSTEMS
 10/10/2001

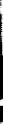
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ATTORNEY GENERAL JOHN EDGAR HOOVER AND HIS WIFE, ELEANOR HOOVER, AT THE WASHINGTON HOTEL, WASHINGTON, D. C., FEBRUARY 19, 1934.

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to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe

THIS CERTIFICATE IS VALID FROM

Time 12:00 Date 20-11-20

Time 14:26 Date 11/2/11

SIGNED  **SERVICES**

(On behalf of Arrow Environmental Services Ltd.)

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to be free of Flammable gases and is suitable for work, including hot work to be carried out provided that safe

THIS CERTIFICATE IS VALID FROM

Time 12:45 Date 30-12-11

TO Time 12:45 Date 1-12-41

SIGNED

(On behalf of Arrow Environmental Services Ltd.,

[illegible]

MENTAL SERVICES LTD.

[illegible]

Arrow Environmental Services Ltd. 001-525-1179



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The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe

THIS CERTIFICATE IS VALID FROM

Time / 34 Date 36-1-11

TO Time App. FROM Date 12-11

SIGNED

(On behalf of Arrow Environmental Services Ltd.



Arrow Environmental Services Ltd.

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Figure 1

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Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG).

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Gas Free Certificate 2303

COMPANY MSA Ltd LOCATION Upper Wyke

VESSEL No. 24 DEPARTMENT Environmental Services Ltd

The above vessel has been tested by means of MSA Model 2E Explosimeter / MSA GAS GARD 2 and is considered to be free of flammable gases and is suitable for work, including hot work to be carried out provided that safe working practices are observed.

THIS CERTIFICATE IS VALID FROM

Time 16.45 Date 16.2.12

TO Time 16.45 Date 19.2.12

SIGNED

(On behalf of Arrow Environmental Services Ltd.)

Exchange Works, Kelvin Way,
West Bromwich, West Midlands B70 7JN
Tel: 0121-525 0757 Fax: 0121-525 1179



Arrow Environmental Services Ltd.