



CERTIFICATE OF ANALYSIS

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|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0824185 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 01-JAN-2009 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 06-JAN-2009 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0824185 supersedes any previous reports with this reference. The completion date of analysis is 03-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0824185 : **Sample(s) were collected by ALS Technichem (HK) staff on 01 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

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Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 855588) | | | | | | | | |
| HK0824185-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0824185-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 855589) | | | | | | | | |
| HK0824185-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0824185-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 9 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 855590) | | | | | | | | |
| HK0824185-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 0.0 |
| HK0824185-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 17.4 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 855591) | | | | | | | | |
| HK0824185-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0824185-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 855588) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 97.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 855589) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 89.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 855590) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 855591) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 108 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 02-JAN-2009 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 07-JAN-2009 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : --- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0824180 supersedes any previous reports with this reference. The completion date of analysis is 06-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0824180 : **Sample(s) were collected by ALS Technichem (HK) staff on 02 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

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Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 856764) | | | | | | | | |
| HK0824180-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0824180-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 856765) | | | | | | | | |
| HK0824180-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0824180-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 856766) | | | | | | | | |
| HK0824180-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0824180-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 856767) | | | | | | | | |
| HK0824180-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0824180-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 856764) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 856765) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 99.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 856766) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 104 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 856767) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 97.5 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

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| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 03-JAN-2009 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 07-JAN-2009 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : --- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0824178 supersedes any previous reports with this reference. The completion date of analysis is 06-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0824178 : **Sample(s) were collected by ALS Technichem (HK) staff on 03 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |



Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 856757) | | | | | | | | |
| HK0824178-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 0.0 |
| HK0824178-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 856759) | | | | | | | | |
| HK0824178-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 7 | 14.0 |
| HK0824178-047 | C2 (NM5) B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 856762) | | | | | | | | |
| HK0824178-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0824178-074 | IMO2 S DUP MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 6 | 22.5 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 856763) | | | | | | | | |
| HK0824178-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0824178-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 6 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 856757) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 106 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 856759) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 95.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 856762) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 96.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 856763) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
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| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 04-JAN-2009 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 07-JAN-2009 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : --- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0822951 supersedes any previous reports with this reference. The completion date of analysis is 06-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0822951 : **Sample(s) were collected by ALS Technichem (HK) staff on 04 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

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Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 856853) | | | | | | | | |
| HK0822951-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0822951-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 856854) | | | | | | | | |
| HK0822951-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0822951-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 856855) | | | | | | | | |
| HK0822951-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 5 | 0.0 |
| HK0822951-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 856856) | | | | | | | | |
| HK0822951-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0822951-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 7 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 856853) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 93.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 856854) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 856855) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 97.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 856856) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 97.5 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
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| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 05-JAN-2009 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 08-JAN-2009 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : --- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0823728 supersedes any previous reports with this reference. The completion date of analysis is 07-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0823728 : **Sample(s) were collected by ALS Technichem (HK) staff on 05 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

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Trading Name: **ALS Technichem (HK) Pty Ltd**

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Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 857370) | | | | | | | | |
| HK0823728-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0823728-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 857371) | | | | | | | | |
| HK0823728-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0823728-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 857372) | | | | | | | | |
| HK0823728-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 3 | 3 | 0.0 |
| HK0823728-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 857373) | | | | | | | | |
| HK0823728-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0823728-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 4 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 857370) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 101 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 857371) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 102 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 857372) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 91.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 857373) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 102 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0823734 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 06-JAN-2009 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 09-JAN-2009 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : --- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0823734 supersedes any previous reports with this reference. The completion date of analysis is 08-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0823734 : **Sample(s) were collected by ALS Technichem (HK) staff on 06 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

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Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 858398) | | | | | | | | |
| HK0823734-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| HK0823734-014 | MPB2 S DUP ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 858399) | | | | | | | | |
| HK0823734-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0823734-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 858400) | | | | | | | | |
| HK0823734-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0823734-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 858401) | | | | | | | | |
| HK0823734-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0823734-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 858398) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 87.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 858399) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 91.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 858400) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 101 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 858401) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 106 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 07-JAN-2009 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 12-JAN-2009 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0824184 supersedes any previous reports with this reference. The completion date of analysis is 09-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0824184 : **Sample(s) were collected by ALS Technichem (HK) staff on 07 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

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Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 859382) | | | | | | | | |
| HK0824184-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0824184-014 | MPB2 S DUP ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 16.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 859383) | | | | | | | | |
| HK0824184-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0824184-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 859384) | | | | | | | | |
| HK0824184-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0824184-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 859385) | | | | | | | | |
| HK0824184-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 10 | 23.2 |
| HK0824184-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 16.3 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 859382) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 96.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 859383) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 95.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 859384) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 93.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 859385) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 96.0 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 08-JAN-2009 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 13-JAN-2009 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : --- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0824182 supersedes any previous reports with this reference. The completion date of analysis is 12-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0824182 : **Sample(s) were collected by ALS Technichem (HK) staff on 08 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

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Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 860008) | | | | | | | | |
| HK0824182-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| HK0824182-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 860009) | | | | | | | | |
| HK0824182-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0824182-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 860010) | | | | | | | | |
| HK0824182-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0824182-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 860011) | | | | | | | | |
| HK0824182-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0824182-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 860008) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 103 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 860009) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 860010) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 104 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 860011) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | |
|---|--|--|
| <i>Client</i> : ERM HONG KONG | <i>Laboratory</i> : ALS Technichem HK Pty Ltd | <i>Page</i> : 1 of 5 |
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| <i>Project</i> : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> : ---- | <i>Date received</i> : 09-JAN-2009 |
| <i>Order number</i> : ---- | | <i>Date of issue</i> : 14-JAN-2009 |
| <i>C-O-C number</i> : ---- | | <i>No. of samples</i> - <i>Received</i> : 74 |
| <i>Site</i> : ---- | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0824179 supersedes any previous reports with this reference. The completion date of analysis is 12-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0824179 : **Sample(s) were collected by ALS Technichem (HK) staff on 09 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

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Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 860048) | | | | | | | | |
| HK0824179-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| HK0824179-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 860049) | | | | | | | | |
| HK0824179-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 0.0 |
| HK0824179-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 860050) | | | | | | | | |
| HK0824179-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 6 | 17.3 |
| HK0824179-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 10 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 860051) | | | | | | | | |
| HK0824179-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 11 | 10 | 9.6 |
| HK0824179-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 10 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 860048) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 102 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 860049) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 102 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 860050) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 860051) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.0 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

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FACILITY
Order number : ----
C-O-C number : ----
Site : ----

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Quote number : ----

Page : 1 of 5
Work Order : **HK0900246**

Date received : 10-JAN-2009

Date of issue : 14-JAN-2009

No. of samples - *Received* : 74
- *Analysed* : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0900246 supersedes any previous reports with this reference. The completion date of analysis is 13-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0900246 : **Sample(s) were collected by ALS Technichem (HK) staff on 10 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

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Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 861502) | | | | | | | | |
| HK0900246-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 12.1 |
| HK0900246-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 861503) | | | | | | | | |
| HK0900246-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| HK0900246-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 7 | 15.6 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 861504) | | | | | | | | |
| HK0900246-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| HK0900246-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 861505) | | | | | | | | |
| HK0900246-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 12.0 |
| HK0900246-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 10 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 861502) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 95.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 861503) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 108 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 861504) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 97.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 861505) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0900244 |
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| <i>Order number</i> | : ---- | | | <i>Date of issue</i> | : 14-JAN-2009 |
| <i>C-O-C number</i> | : ---- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : ---- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0900244 supersedes any previous reports with this reference. The completion date of analysis is 13-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0900244 : **Sample(s) were collected by ALS Technichem (HK) staff on 11 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |



Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 861498) | | | | | | | | |
| HK0900244-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 8 | 16.1 |
| HK0900244-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 861499) | | | | | | | | |
| HK0900244-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 9 | 0.0 |
| HK0900244-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 861500) | | | | | | | | |
| HK0900244-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 0.0 |
| HK0900244-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 861501) | | | | | | | | |
| HK0900244-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 12 | 11 | 11.2 |
| HK0900244-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 861498) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 106 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 861499) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 861500) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 861501) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.5 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0900245 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : ---- | <i>Date received</i> | : 12-JAN-2009 |
| <i>Order number</i> | : ---- | | | <i>Date of issue</i> | : 15-JAN-2009 |
| <i>C-O-C number</i> | : ---- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : ---- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0900245 supersedes any previous reports with this reference. The completion date of analysis is 13-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0900245 : **Sample(s) were collected by ALS Technichem (HK) staff on 12 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |



Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 861865) | | | | | | | | |
| HK0900245-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0900245-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 861866) | | | | | | | | |
| HK0900245-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 0.0 |
| HK0900245-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 8 | 11.9 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 861867) | | | | | | | | |
| HK0900245-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0900245-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 861868) | | | | | | | | |
| HK0900245-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 0.0 |
| HK0900245-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 861865) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 97.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 861866) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 104 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 861867) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 861868) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 95.0 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | |
|---|--|--|
| <i>Client</i> : ERM HONG KONG | <i>Laboratory</i> : ALS Technichem HK Pty Ltd | <i>Page</i> : 1 of 5 |
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| <i>Facsimile</i> : +852 2723 5660 | <i>Facsimile</i> : +852 2610 2021 | |
| <i>Project</i> : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> : ---- | <i>Date received</i> : 13-JAN-2009 |
| <i>Order number</i> : ---- | | <i>Date of issue</i> : 16-JAN-2009 |
| <i>C-O-C number</i> : ---- | | <i>No. of samples</i> - <i>Received</i> : 74 |
| <i>Site</i> : ---- | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0900248 supersedes any previous reports with this reference. The completion date of analysis is 15-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0900248 : **Sample(s) were collected by ALS Technichem (HK) staff on 13 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |



Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|-------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 863084) | | | | | | | | |
| HK0900248-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 13 | 14 | 0.0 |
| HK0900248-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 17 | 16 | 7.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 863085) | | | | | | | | |
| HK0900248-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 14 | 16 | 12.9 |
| HK0900248-044 | C2 (NM5) S DUP ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 12 | 15 | 17.3 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 863086) | | | | | | | | |
| HK0900248-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 15 | 13 | 17.1 |
| HK0900248-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 13 | 14 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 863087) | | | | | | | | |
| HK0900248-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 12 | 13 | 7.9 |
| HK0900248-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 14 | 14 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 863084) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 106 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 863085) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 110 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 863086) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 91.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 863087) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 108 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0900249 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
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| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : ---- | <i>Date received</i> | : 14-JAN-2009 |
| <i>Order number</i> | : ---- | | | <i>Date of issue</i> | : 19-JAN-2009 |
| <i>C-O-C number</i> | : ---- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : ---- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0900249 supersedes any previous reports with this reference. The completion date of analysis is 16-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0900249 : **Sample(s) were collected by ALS Technichem (HK) staff on 14 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

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Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 864421) | | | | | | | | |
| HK0900249-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 9 | 0.0 |
| HK0900249-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 864422) | | | | | | | | |
| HK0900249-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0900249-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 864425) | | | | | | | | |
| HK0900249-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| HK0900249-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 864429) | | | | | | | | |
| HK0900249-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0900249-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 864421) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 864422) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 102 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 864425) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 99.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 864429) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 108 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 15-JAN-2009 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 20-JAN-2009 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 98 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 98 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0824183 supersedes any previous reports with this reference. The completion date of analysis is 19-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0824183 : **Sample(s) were collected by ALS Technichem (HK) staff on 15 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

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Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 866068) | | | | | | | | |
| HK0824183-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 13 | 13 | 0.0 |
| HK0824183-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 16 | 16 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 866069) | | | | | | | | |
| HK0824183-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 18 | 17 | 0.0 |
| HK0824183-033 | IMO3 M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 12 | 12 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 866070) | | | | | | | | |
| HK0824183-043 | C2 (NM5) S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 17 | 17 | 0.0 |
| HK0824183-055 | MPB1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 14 | 14 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 866071) | | | | | | | | |
| HK0824183-065 | MPB2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 10 | 0.0 |
| HK0824183-075 | IMO2 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 12 | 12 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 866072) | | | | | | | | |
| HK0824183-085 | IMO4 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 21 | 21 | 0.0 |
| HK0824183-095 | C1 (NM3) B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 13 | 13 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|------|--------------------------|---------------------|--------------------|--|---------------------|------|----------|---------------|--|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit | |
| EA/ED: Physical and Aggregate Properties (QCLot: 866068) | | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 92.5 | ---- | 85 | 115 | ---- | ---- | |
| EA/ED: Physical and Aggregate Properties (QCLot: 866069) | | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- | |
| EA/ED: Physical and Aggregate Properties (QCLot: 866070) | | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.0 | ---- | 85 | 115 | ---- | ---- | |
| EA/ED: Physical and Aggregate Properties (QCLot: 866071) | | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 102 | ---- | 85 | 115 | ---- | ---- | |
| EA/ED: Physical and Aggregate Properties (QCLot: 866072) | | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 96.5 | ---- | 85 | 115 | ---- | ---- | |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0823729 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 16-JAN-2009 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 21-JAN-2009 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 98 |
| <i>Site</i> | : --- | | | | - Analysed : 98 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0823729 supersedes any previous reports with this reference. The completion date of analysis is 20-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0823729 : **Sample(s) were collected by ALS Technichem (HK) staff on 16 January, 2009.**
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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |



Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 867969) | | | | | | | | |
| HK0823729-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 15 | 15 | 0.0 |
| HK0823729-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 14 | 14 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 867970) | | | | | | | | |
| HK0823729-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 9 | 0.0 |
| HK0823729-033 | IMO3 M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 12 | 11 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 867971) | | | | | | | | |
| HK0823729-043 | C2 (NM5) S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 9 | 0.0 |
| HK0823729-055 | MPB1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 19 | 20 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 867972) | | | | | | | | |
| HK0823729-065 | MPB2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| HK0823729-075 | IMO2 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 12 | 12 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 867973) | | | | | | | | |
| HK0823729-085 | IMO4 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 10 | 0.0 |
| HK0823729-095 | C1 (NM3) B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 17 | 18 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|------|--------------------------|---------------------|--------------------|--|---------------------|------|----------|---------------|--|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit | |
| EA/ED: Physical and Aggregate Properties (QCLot: 867969) | | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 108 | ---- | 85 | 115 | ---- | ---- | |
| EA/ED: Physical and Aggregate Properties (QCLot: 867970) | | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.5 | ---- | 85 | 115 | ---- | ---- | |
| EA/ED: Physical and Aggregate Properties (QCLot: 867971) | | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 102 | ---- | 85 | 115 | ---- | ---- | |
| EA/ED: Physical and Aggregate Properties (QCLot: 867972) | | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- | |
| EA/ED: Physical and Aggregate Properties (QCLot: 867973) | | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 95.0 | ---- | 85 | 115 | ---- | ---- | |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 17-JAN-2009 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 21-JAN-2009 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 98 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 98 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0900600 supersedes any previous reports with this reference. The completion date of analysis is 20-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0900600 : **Sample(s) were collected by ALS Technichem (HK) staff on 17 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

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Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 867983) | | | | | | | | |
| HK0900600-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| HK0900600-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 10 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 867984) | | | | | | | | |
| HK0900600-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 11 | 11 | 0.0 |
| HK0900600-033 | IMO3 M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 11 | 11 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 867985) | | | | | | | | |
| HK0900600-043 | C2 (NM5) S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 10 | 0.0 |
| HK0900600-055 | MPB1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 10 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 867986) | | | | | | | | |
| HK0900600-065 | MPB2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 10 | 0.0 |
| HK0900600-075 | IMO2 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 10 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 867987) | | | | | | | | |
| HK0900600-085 | IMO4 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 11 | 11 | 0.0 |
| HK0900600-095 | C1 (NM3) B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 11 | 11 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 867983) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 106 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 867984) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 101 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 867985) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 108 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 867986) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 108 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 867987) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 110 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0900594 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : ---- | <i>Date received</i> | : 18-JAN-2009 |
| <i>Order number</i> | : ---- | | | <i>Date of issue</i> | : 21-JAN-2009 |
| <i>C-O-C number</i> | : ---- | | | <i>No. of samples</i> | - Received : 98 |
| <i>Site</i> | : ---- | | | | - Analysed : 98 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0900594 supersedes any previous reports with this reference. The completion date of analysis is 20-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0900594 : **Sample(s) were collected by ALS Technichem (HK) staff on 18 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |



Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 867977) | | | | | | | | |
| HK0900594-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0900594-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 867978) | | | | | | | | |
| HK0900594-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0900594-033 | IMO3 M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 867979) | | | | | | | | |
| HK0900594-043 | C2 (NM5) S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 0.0 |
| HK0900594-055 | MPB1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 867980) | | | | | | | | |
| HK0900594-065 | MPB2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 7 | 0.0 |
| HK0900594-075 | IMO2 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 867981) | | | | | | | | |
| HK0900594-085 | IMO4 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| HK0900594-095 | C1 (NM3) B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|------|--------------------------|---------------------|--------------------|--|---------------------|------|----------|---------------|--|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit | |
| EA/ED: Physical and Aggregate Properties (QCLot: 867977) | | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 92.5 | ---- | 85 | 115 | ---- | ---- | |
| EA/ED: Physical and Aggregate Properties (QCLot: 867978) | | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 101 | ---- | 85 | 115 | ---- | ---- | |
| EA/ED: Physical and Aggregate Properties (QCLot: 867979) | | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 101 | ---- | 85 | 115 | ---- | ---- | |
| EA/ED: Physical and Aggregate Properties (QCLot: 867980) | | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 110 | ---- | 85 | 115 | ---- | ---- | |
| EA/ED: Physical and Aggregate Properties (QCLot: 867981) | | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 101 | ---- | 85 | 115 | ---- | ---- | |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 19-JAN-2009 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 22-JAN-2009 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : --- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0900597 supersedes any previous reports with this reference. The completion date of analysis is 21-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0900597 : **Sample(s) were collected by ALS Technichem (HK) staff on 19 January, 2009.**
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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |



Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 869883) | | | | | | | | |
| HK0900597-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 6 | 0.0 |
| HK0900597-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 869884) | | | | | | | | |
| HK0900597-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0900597-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 869885) | | | | | | | | |
| HK0900597-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0900597-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 869886) | | | | | | | | |
| HK0900597-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| HK0900597-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 5 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 869883) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 103 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 869884) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 91.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 869885) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 104 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 869886) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 110 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : ---- | <i>Date received</i> | : 20-JAN-2009 |
| <i>Order number</i> | : ---- | | | <i>Date of issue</i> | : 23-JAN-2009 |
| <i>C-O-C number</i> | : ---- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : ---- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0900595 supersedes any previous reports with this reference. The completion date of analysis is 21-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0900595 : **Sample(s) were collected by ALS Technichem (HK) staff on 20 January, 2009.**
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|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

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Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 870033) | | | | | | | | |
| HK0900595-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 0.0 |
| HK0900595-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 870034) | | | | | | | | |
| HK0900595-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0900595-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 870035) | | | | | | | | |
| HK0900595-058 | MPB1 M DUP MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0900595-068 | IMO1 S DUP MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 870036) | | | | | | | | |
| HK0900595-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 17.7 |
| HK0900595-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 870033) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 870034) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 110 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 870035) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 110 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 870036) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 92.0 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
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| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : ---- | <i>Date received</i> | : 21-JAN-2009 |
| <i>Order number</i> | : ---- | | | <i>Date of issue</i> | : 29-JAN-2009 |
| <i>C-O-C number</i> | : ---- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : ---- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0900251 supersedes any previous reports with this reference. The completion date of analysis is 23-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0900251 : **Sample(s) were collected by ALS Technichem (HK) staff on 21 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

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Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 871846) | | | | | | | | |
| HK0900251-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 7 | 0.0 |
| HK0900251-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 871847) | | | | | | | | |
| HK0900251-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 6 | 17.3 |
| HK0900251-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 871848) | | | | | | | | |
| HK0900251-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 7 | 0.0 |
| HK0900251-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 871849) | | | | | | | | |
| HK0900251-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0900251-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 871846) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 96.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 871847) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 871848) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 104 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 871849) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.0 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0900250 |
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| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : ---- | <i>Date received</i> | : 22-JAN-2009 |
| <i>Order number</i> | : ---- | | | <i>Date of issue</i> | : 30-JAN-2009 |
| <i>C-O-C number</i> | : ---- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : ---- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0900250 supersedes any previous reports with this reference. The completion date of analysis is 24-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0900250 : **Sample(s) were collected by ALS Technichem (HK) staff on 22 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

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Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|-------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 872766) | | | | | | | | |
| HK0900250-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0900250-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 872767) | | | | | | | | |
| HK0900250-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0900250-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 872768) | | | | | | | | |
| HK0900250-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0900250-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 872769) | | | | | | | | |
| HK0900250-091 | C1 (NM3) S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| HK0900250-100 | C3 (NM6) M DUP MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 872766) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 872767) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 108 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 872768) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 872769) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

| | | |
|---|--|--|
| <i>Client</i> : ERM HONG KONG | <i>Laboratory</i> : ALS Technichem HK Pty Ltd | <i>Page</i> : 1 of 5 |
| <i>Contact</i> : MS KAREN LUI | <i>Contact</i> : Wong Wai Man, Alice | <i>Work Order</i> : HK0900596 |
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| <i>Facsimile</i> : +852 2723 5660 | <i>Facsimile</i> : +852 2610 2021 | |
| <i>Project</i> : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> : --- | <i>Date received</i> : 23-JAN-2009 |
| <i>Order number</i> : --- | | <i>Date of issue</i> : 02-FEB-2009 |
| <i>C-O-C number</i> : --- | | <i>No. of samples</i> - <i>Received</i> : 74 |
| <i>Site</i> : --- | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0900596 supersedes any previous reports with this reference. The completion date of analysis is 24-JAN-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0900596 : **Sample(s) were collected by ALS Technichem (HK) staff on 23 January, 2009.**
Water sample(s) analysed and reported on an as received basis.

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| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |



Laboratory Duplicate (DUP) Report

| Matrix: WATER | | | | Laboratory Duplicate (DUP) Report | | | | |
|--|------------------|------------------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
| EA/ED: Physical and Aggregate Properties (QC Lot: 872770) | | | | | | | | |
| HK0900596-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| HK0900596-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 872771) | | | | | | | | |
| HK0900596-024 | IMO1 B DUP ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0900596-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 872772) | | | | | | | | |
| HK0900596-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| HK0900596-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 872773) | | | | | | | | |
| HK0900596-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0900596-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

| Matrix: WATER | | Method Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 872770) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 101 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 872771) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 99.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 872772) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 872773) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.