ALS Laboratory Group

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CERTIFICATE OF ANALYSIS

Client Contact Address	 ERM HONG KONG MS KAREN LUI 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0803102
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Facsimile	2723 5660	Facsimile	: +852 2610 2021		
Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 6 Mar 2008
Order number				Date of issue	: 11 Mar 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0803102 supersedes any previous reports with this reference. The completion date of analysis is 7 Mar 2008. 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 HK0803102 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

approval from ALS Technichem (HK) Pty Ltd.	This document has been electronically signed by those names Electronic signing has been carried out in compliance with pro of Hong Kong. Chapter 553. Section 6.		-
	Signatory	Position	Authorised results for:-
	Fung Lim Chee, Richard	General Manager	Inorganics

ALS Laboratory Group Trading Name: ALS Technichem (HK) Pty Ltd 11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com



Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 609503)						
HK0803102-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
HK0803102-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	9	10	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 609504)			•	•		
HK0803102-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	9	9	0.0
HK0803102-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 609505)				·		
HK0803102-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
HK0803102-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	10	10	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 609506)						
HK0803102-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
HK0803102-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0

Matrix Type: WATER		Method Blank (MB) Results			Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results						
					Spike	Spike Re	covery (%)	Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Propert	ies (QCLot: 609503)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	100		85	115		
EA/ED: Physical and Aggregate Propert											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	105		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 609505)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	101		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 609506)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	106		85	115		

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Client Contact Address	 ERM HONG KONG MS JOANNA KWAN 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	: 1 of 4 : HK0803288
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Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 7 Mar 2008
Order number	:			Date of issue	: 12 Mar 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0803288 supersedes any previous reports with this reference. The completion date of analysis is 8 Mar 2008. 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 HK0803288 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

approval from ALS Technichem (HK) Pty Ltd.	This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the 'Electronic Transactions Ordinance' of Hong Kong. Chapter 553. Section 6.						
—	Signatory	Position	Authorised results for:-				
	Fung Lim Chee, Richard	General Manager	Inorganics				

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Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 609936)						
HK0803288-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	10	12	22.0
HK0803288-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	14	14	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	609937)			•			
HK0803288-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	14	14	0.0
HK0803288-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	11	12	12.7
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 609938)						
HK0803288-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	14	14	0.0
HK0803288-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	17	16	7.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	609939)						
HK0803288-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	16	15	0.0
HK0803288-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	16	19	18.4

Matrix Type: WATER		Method Blank (MB) Results Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results						S) Results			
					Spike	Spike Re	covery (%)	Recovery	Limits (%)	RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Proper	ties (QCLot: 609936)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	109		85	115		
EA/ED: Physical and Aggregate Properties (QCLot: 609937)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	110		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 609938)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	106		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 609939)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	108		85	115		

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Client Contact Address	 ERM HONG KONG MS JOANNA KWAN 21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	: 1 of 4 : HK0803289
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Project	EM&A FOR THE PERMANENT AVIATION FUEL	Quote number	:	Date received	: 8 Mar 2008
	FACILITY				
Order number	:			Date of issue	: 12 Mar 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0803289 supersedes any previous reports with this reference. The completion date of analysis is 10 Mar 2008. 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 HK0803289 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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	Signatory	Position	Authorised results for:-				
	Fung Lim Chee, Richard	General Manager	Inorganics				



Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot:	: 610993)						
HK0803289-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	20	24	18.6
HK0803289-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	12	10	15.7
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 610994)			•			
HK0803289-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	20	18	12.0
HK0803289-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	11	12	12.9
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 610995)						
HK0803289-056	MPB1 S DUP MF	EA025: Suspended Solids (SS)		1	mg/L	16	13	20.4
HK0803289-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	14	15	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 610996)						
HK0803289-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	19	22	13.5
HK0803289-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	26	28	7.2

Matrix Type: WATER		Method Blank (MB) Results Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results						S) Results				
					Spike	Spike Re	covery (%)	Recovery	ery Limits (%) Ri		PDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit	
EA/ED: Physical and Aggregate Proper	ties (QCLot: 610993)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	100		85	115			
EA/ED: Physical and Aggregate Properties (QCLot: 610994)												
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	108		85	115			
EA/ED: Physical and Aggregate Proper	ties (QCLot: 610995)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	110		85	115			
EA/ED: Physical and Aggregate Proper	ties (QCLot: 610996)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	102		85	115			

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Client Contact Address	 ERM HONG KONG MS JOANNA KWAN 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0803698
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Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 9 Mar 2008
Order number	:			Date of issue	: 12 Mar 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0803698 supersedes any previous reports with this reference. The completion date of analysis is 10 Mar 2008. 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 HK0803698 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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Signatory	Position	Authorised results for:-
Fung Lim Chee, Richard	General Manager	Inorganics



Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	ggregate Properties (QC Lot:	610997)						
HK0803698-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	21	25	19.7
HK0803698-010	MPB1 M DUP ME	EA025: Suspended Solids (SS)		1	mg/L	10	12	18.7
EA/ED: Physical and A	ggregate Properties (QC Lot:	610998)			•			
HK0803698-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	20	18	11.3
HK0803698-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	14	16	16.9
EA/ED: Physical and A	ggregate Properties (QC Lot:	610999)						
HK0803698-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	17	17	0.0
HK0803698-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	15	16	11.9
EA/ED: Physical and A	ggregate Properties (QC Lot:	611000)						
HK0803698-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	13	12	0.0
HK0803698-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	12	13	0.0

Matrix Type: WATER		Method Blank (MB) Results			Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results							
					Spike	Spike Re	covery (%) Recover		ery Limits (%) R		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit	
EA/ED: Physical and Aggregate Proper	A/ED: Physical and Aggregate Properties (QCLot: 610997)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	93.5		85	115			
EA/ED: Physical and Aggregate Proper	A/ED: Physical and Aggregate Properties (QCLot: 610998)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	85.0		85	115			
EA/ED: Physical and Aggregate Proper	ties (QCLot: 610999)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	94.0		85	115			
EA/ED: Physical and Aggregate Proper	ties (QCLot: 611000)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	95.5		85	115			

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Client Contact Address	 ERM HONG KONG MS JOANNA KWAN 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0803699
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Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 10 Mar 2008
Order number	:			Date of issue	: 13 Mar 2008
C-O-C number				No. of samples	- Received 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0803699 supersedes any previous reports with this reference. The completion date of analysis is 12 Mar 2008. 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 HK0803699 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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	Signatory	Position	Authorised results for:-			
	Fung Lim Chee, Richard	General Manager	Inorganics			



Matrix Type: WATER					_	Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot:	612397)						
HK0803699-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	10	9	0.0
HK0803699-016	MPB2 M DUP ME	EA025: Suspended Solids (SS)		1	mg/L	14	14	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot:	612398)			•			
HK0803699-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	5	6	0.0
HK0803699-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	12	12	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot:	612399)						
HK0803699-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	9	9	0.0
HK0803699-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot:	612400)						
HK0803699-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	8	8	0.0
HK0803699-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	13	14	0.0

Matrix Type: WATER			Method Blank (MB) Results	Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results							
					Spike	Spike Spike Reco		Recovery	overy Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit	
EA/ED: Physical and Aggregate Propert	ies (QCLot: 612397)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	102		85	115			
EA/ED: Physical and Aggregate Propert	•											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	102		85	115			
EA/ED: Physical and Aggregate Propert	ies (QCLot: 612399)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	94.0		85	115			
EA/ED: Physical and Aggregate Propert	ies (QCLot: 612400)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	101		85	115			

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Client Contact Address	 ERM HONG KONG MS JOANNA KWAN 21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	: 1 of 4 : HK0803700
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Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 12 Mar 2008
Order number	:			Date of issue	: 17 Mar 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0803700 supersedes any previous reports with this reference. The completion date of analysis is 14 Mar 2008. 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 HK0803700 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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	Signatory	Position	Authorised results for:-			
	Fung Lim Chee, Richard	General Manager	Inorganics			



Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot	:: 614002)						
HK0803700-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	9	10	12.3
HK0803700-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 614003)						
HK0803700-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	8	8	0.0
HK0803700-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	:: 614004)						
HK0803700-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	8	9	20.1
HK0803700-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	8	8	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	:: 614005)						
HK0803700-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
HK0803700-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	2	3	0.0

Matrix Type: WATER		Method Blank (MB) Results			Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results							
					Spike	Spike Spike Reco		Recovery	Limits (%)	RPL	RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit	
EA/ED: Physical and Aggregate Proper	A/ED: Physical and Aggregate Properties (QCLot: 614002)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	100		85	115			
EA/ED: Physical and Aggregate Properties (QCLot: 614003)												
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	104		85	115			
EA/ED: Physical and Aggregate Proper	ies (QCLot: 614004)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	102		85	115			
EA/ED: Physical and Aggregate Proper	ies (QCLot: 614005)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	104		85	115			

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CERTIFICATE OF ANALYSIS

Client Contact Address	 ERM HONG KONG MS JOANNA KWAN 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	: 1 of 4 : HK0803837
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Telephone	2271 3000	Telephone	: +852 2610 1044		
Facsimile	2723 5660	Facsimile	: +852 2610 2021		
Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 13 Mar 2008
Order number				Date of issue	: 18 Mar 2008
C-O-C number				No. of samples	- Received : 74
Site	·				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0803837 supersedes any previous reports with this reference. The completion date of analysis is 17 Mar 2008. 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 HK0803837 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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	Signatory	Position	Authorised results for:-
	Fung Lim Chee, Richard	General Manager	Inorganics



Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	ggregate Properties (QC Lo	t: 615066)						
HK0803837-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	2	2	0.0
HK0803837-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0
EA/ED: Physical and A	ggregate Properties (QC Lo	t: 615067)						
HK0803837-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0
HK0803837-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	5	6	0.0
EA/ED: Physical and A	ggregate Properties (QC Lo	t: 615068)						
HK0803837-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
HK0803837-068	IMO1 S DUP MF	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
EA/ED: Physical and A	ggregate Properties (QC Lo	t: 615069)						
HK0803837-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
HK0803837-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	3	4	0.0

Matrix Type: WATER			Method Blank (MB	3) Results	sults Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results						
					Spike	Spike Re	covery (%)	Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Propert	ies (QCLot: 615066)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	100		85	115		
EA/ED: Physical and Aggregate Properties (QCLot: 615067)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	99.0		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 615068)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	98.5		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 615069)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	102		85	115		

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CERTIFICATE OF ANALYSIS

Client Contact Address	 ERM HONG KONG MS JOANNA KWAN 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0803838
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Telephone	2271 3000	Telephone	: +852 2610 1044		
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Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 14 Mar 2008
Order number	:			Date of issue	: 19 Mar 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0803838 supersedes any previous reports with this reference. The completion date of analysis is 17 Mar 2008. 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 HK0803838 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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-	Signatory	Position	Authorised results for:-
	Fung Lim Chee, Richard	General Manager	Inorganics

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Matrix Type: WATER					_	Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot:	616234)						
HK0803838-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	4	5	0.0
HK0803838-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	2	3	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot:	616235)			•			
HK0803838-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	2	2	0.0
HK0803838-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	11	10	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot:	616236)						
HK0803838-058	MPB1 M DUP MF	EA025: Suspended Solids (SS)		1	mg/L	4	5	0.0
HK0803838-060	MPB1 B DUP MF	EA025: Suspended Solids (SS)		1	mg/L	14	16	13.2
EA/ED: Physical and A	Aggregate Properties (QC Lot:	616237)						
HK0803838-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	9	8	15.7
HK0803838-100	C3 (NM6) M DUP MF	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0

Matrix Type: WATER		Method Blank (MB) Results Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results						S) Results			
					Spike	Spike Re	covery (%)	Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Proper	ies (QCLot: 616234)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	95.5		85	115		
EA/ED: Physical and Aggregate Properties (QCLot: 616235)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	99.0		85	115		
EA/ED: Physical and Aggregate Proper	ies (QCLot: 616236)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	100		85	115		
EA/ED: Physical and Aggregate Proper	ies (QCLot: 616237)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	102		85	115		

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ANALYICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client Contact Address	 ERM HONG KONG MS JOANNA KWAN 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0803992
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Telephone	: 2271 3000	Telephone	: +852 2610 1044		
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Project	: EM&A FOR THE PERMANENT AVIATION FUEL	Quote number	:	Date received	: 15 Mar 2008
	FACILITY				
Order number	:			Date of issue	: 19 Mar 2008
C-O-C number	<u>:</u>			No. of samples	- Received : 62
Site	:				- Analysed : 62

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0803992 supersedes any previous reports with this reference. The completion date of analysis is 18 Mar 2008. 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 HK0803992 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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	Signatory	Position	Authorised results for:-
	Fung Lim Chee, Richard	General Manager	Inorganics

ALS Laboratory Group Trading Name: ALS Technichem (HK) Pty Ltd 11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com



Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot	:: 616245)						
HK0803992-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
HK0803992-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	3	3	0.0
EA/ED: Physical and A	Aggregate Properties (QC Los	:: 616246)						
HK0803992-047	C2 (NM5) B ME	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
HK0803992-059	MPB1 B MF	EA025: Suspended Solids (SS)		1	mg/L	6	5	0.0
EA/ED: Physical and A	Aggregate Properties (QC Los	:: 616247)				•		
HK0803992-069	IMO1 M MF	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0
HK0803992-091	C1 (NM3) S MF	EA025: Suspended Solids (SS)		1	mg/L	3	3	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	:: 616248)						
HK0803992-101	C3 (NM6) B MF	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0

Matrix Type: WATER	atrix Type: WATER			Method Blank (MB) Results Single Control Spike (SCS) and Duplicate Control Spike (DCS					CS) Results		
					Spike	Spike Re	Spike Recovery (%)		Limits (%)	RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Propert	ies (QCLot: 616245)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	102		85	115		
EA/ED: Physical and Aggregate Properties (QCLot: 616246)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	96.5		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 616247)			•							
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	96.0		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 616248)		·	·							
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	97.0		85	115		

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CERTIFICATE OF ANALYSIS

Client Contact Address	ERM HONG KONG MS JOANNA KWAN 21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	: 1 of 4 : HK0804092
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Project	EM&A FOR THE PERMANENT AVIATION FUEL	Quote number	:	Date received	: 16 Mar 2008
	FACILITY			Data of issue	· 19 Mar 2008
Order number				Date of issue	19 Mai 2000
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804092 supersedes any previous reports with this reference. The completion date of analysis is 18 Mar 2008. 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 HK0804092 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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	Signatory	Position	Authorised results for:-				
	Fung Lim Chee, Richard	General Manager	Inorganics				



Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 616249)						
HK0804092-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0
HK0804092-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 616250)			•			
HK0804092-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0
HK0804092-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 616251)						
HK0804092-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	8	7	0.0
HK0804092-072	IMO1 B DUP MF	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 616252)						
HK0804092-097	C3 (NM6) S MF	EA025: Suspended Solids (SS)		1	mg/L	5	4	0.0
HK0804092-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0

Matrix Type: WATER		Method Blank (MB) Results				Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results					
					Spike	Spike Re	covery (%)	Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Propert	ies (QCLot: 616249)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	98.5		85	115		
EA/ED: Physical and Aggregate Propert											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	95.5		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 616251)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	95.5		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 616252)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	104		85	115		

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CERTIFICATE OF ANALYSIS

Client Contact Address	ERM HONG KONG MS JOANNA KWAN 21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	: 1 of 4 : HK0804094
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Facsimile	2723 5660	Facsimile	: +852 2610 2021		
Project	EM&A FOR THE PERMANENT AVIATION FUEL	Quote number	:	Date received	: 17 Mar 2008
<u>.</u>	FACILITY				00 Mar 0000
Order number				Date of issue	20 Mar 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804094 supersedes any previous reports with this reference. The completion date of analysis is 19 Mar 2008. 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 HK0804094 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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-	Signatory	Position	Authorised results for:-
	Fung Lim Chee, Richard	General Manager	Inorganics

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Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot: 6	17301)						
HK0804094-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
HK0804094-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot: 6	17302)						
HK0804094-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0
HK0804094-046	C2 (NM5) M DUP ME	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot: 6	17303)						
HK0804094-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	7	6	0.0
HK0804094-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot: 6	17304)						
HK0804094-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	5	4	0.0
HK0804094-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	5	6	0.0

Matrix Type: WATER		Method Blank (MB) Results Single Control Spike (SCS) and Duplicate Control					ntrol Spike (DCS) Results					
					Spike	Spike Re	covery (%)	Recovery	ery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit	
EA/ED: Physical and Aggregate Proper	ties (QCLot: 617301)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	102		85	115			
EA/ED: Physical and Aggregate Proper	ties (QCLot: 617302)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	102		85	115			
EA/ED: Physical and Aggregate Proper	ties (QCLot: 617303)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	104		85	115			
EA/ED: Physical and Aggregate Proper	ties (QCLot: 617304)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	101		85	115			

ALS Laboratory Group

ANALYICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client Contact Address	 ERM HONG KONG MS JOANNA KWAN 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0804208
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Project	EM&A FOR THE PERMANENT AVIATION FUEL	Quote number	<u>:</u>	Date received	: 18 Mar 2008
	FACILITY				
Order number	:			Date of issue	: 20 Mar 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804208 supersedes any previous reports with this reference. The completion date of analysis is 20 Mar 2008. 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 HK0804208 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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-	Signatory	Position	Authorised results for:-
	Fung Lim Chee, Richard	General Manager	Inorganics

ALS Laboratory Group Trading Name: ALS Technichem (HK) Pty Ltd 11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com



Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	ggregate Properties (QC Lot: 6	18027)						
HK0804208-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	11	10	0.0
HK0804208-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	8	7	12.9
EA/ED: Physical and A	ggregate Properties (QC Lot: 6	18028)			•	•		
HK0804208-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	4	5	0.0
HK0804208-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
EA/ED: Physical and A	ggregate Properties (QC Lot: 6	18029)						
HK0804208-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	10	12	14.4
HK0804208-068	IMO1 S DUP MF	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
EA/ED: Physical and A	ggregate Properties (QC Lot: 6	18030)						
HK0804208-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0
HK0804208-102	C3 (NM6) B DUP MF	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0

Matrix Type: WATER		Method Blank (MB) Results Single Control Spike (SCS) and Duplicate Co					uplicate Con	te Control Spike (DCS) Results			
					Spike	Spike Re	covery (%)	Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Proper	ties (QCLot: 618027)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	98.0		85	115		
EA/ED: Physical and Aggregate Properties (QCLot: 618028)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	105		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 618029)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	103		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 618030)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	94.0		85	115		

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Client Contact Address	 ERM HONG KONG MS KAREN LUI 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0804218
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Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 19 Mar 2008
Order number	:			Date of issue	: 26 Mar 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804218 supersedes any previous reports with this reference. The completion date of analysis is 25 Mar 2008. 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 HK0804218 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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	Signatory	Position	Authorised results for:-	
	Fung Lim Chee, Richard	General Manager	Inorganics	

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Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot: 61	9382)						
HK0804218-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
HK0804218-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	8	7	13.6
EA/ED: Physical and A	Aggregate Properties (QC Lot: 61	9383)				•		
HK0804218-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
HK0804218-046	C2 (NM5) M DUP ME	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot: 61	9384)						
HK0804218-058	MPB1 M DUP MF	EA025: Suspended Solids (SS)		1	mg/L	11	10	11.6
HK0804218-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot: 61	9385)						
HK0804218-078	IMO2 B DUP MF	EA025: Suspended Solids (SS)		1	mg/L	5	4	0.0
HK0804218-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	9	10	0.0

Matrix Type: WATER			Method Blank (MB	k (MB) Results Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results					S) Results		
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Propert	ies (QCLot: 619382)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	99.0		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 619383)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	97.5		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 619384)			•							
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	106		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 619385)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	94.0		85	115		

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Client Contact Address	 ERM HONG KONG MS KAREN LUI 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0804326
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Facsimile	2723 5660	Facsimile	: +852 2610 2021		
Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 20 Mar 2008
Order number	:			Date of issue	: 27 Mar 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804326 supersedes any previous reports with this reference. The completion date of analysis is 26 Mar 2008. 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 HK0804326 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

approval from ALS Technichem (HK) Pty Ltd.	This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the 'Electronic Transactions Ordinance' of Hong Kong. Chapter 553. Section 6.						
	Signatory	Position	Authorised results for:-				
	Fung Lim Chee, Richard	General Manager	Inorganics				

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Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 619888)						
HK0804326-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	7	8	13.4
HK0804326-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	8	8	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 619889)						
HK0804326-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	9	8	14.0
HK0804326-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	7	8	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 619890)						
HK0804326-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
HK0804326-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 619891)						
HK0804326-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
HK0804326-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	9	8	0.0

Matrix Type: WATER		Method Blank (MB) Results Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results					S) Results				
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Proper	ties (QCLot: 619888)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	100		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 619889)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	101		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 619890)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	98.5		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 619891)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	102		85	115		

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Client Contact Address	 ERM HONG KONG MS KAREN LUI 21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0804220
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Telephone	2271 3000	Telephone	: +852 2610 1044		
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Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 21 Mar 2008
Order number	:			Date of issue	: 27 Mar 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804220 supersedes any previous reports with this reference. The completion date of analysis is 26 Mar 2008. 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 HK0804220 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

approval from ALS Technichem (HK) Pty Ltd.	This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the 'Electronic Transactions Ordinance' of Hong Kong. Chapter 553. Section 6.						
_	Signatory	Position	Authorised results for:-				
	Fung Lim Chee, Richard	General Manager	Inorganics				



Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620008)						
HK0804220-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	16	16	0.0
HK0804220-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	10	9	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620009)						
HK0804220-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
HK0804220-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	11	11	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620010)						
HK0804220-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
HK0804220-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	9	9	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620011)					,	
HK0804220-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	8	8	0.0
HK0804220-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	11	11	0.0

Matrix Type: WATER		Method Blank (MB) Results			Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results						
					Spike	Spike Red	overy (%)	Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Proper	ties (QCLot: 620008)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	97.0		85	115		
EA/ED: Physical and Aggregate Properties (QCLot: 620009)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	102		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 620010)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	100		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 620011)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	101		85	115		

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Client Contact Address	 ERM HONG KONG MS KAREN LUI 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0804219
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Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	22 Mar 2008
Order number				Date of issue	· 27 Mar 2008
C-O-C number	·			No. of samples	- Received : 74
Site	·			No. of samples	- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804219 supersedes any previous reports with this reference. The completion date of analysis is 26 Mar 2008. 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 HK0804219 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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_	Signatory	Position	Authorised results for:-			
	Fung Lim Chee, Richard	General Manager	Inorganics			

ALS Laboratory Group Trading Name: ALS Technichem (HK) Pty Ltd 11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com



Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620004)						
HK0804219-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	8	8	0.0
HK0804219-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	12	12	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620005)						
HK0804219-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	13	12	14.3
HK0804219-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	10	10	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620006)						
HK0804219-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	12	13	0.0
HK0804219-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	12	12	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620007)						
HK0804219-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	10	10	0.0
HK0804219-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	9	9	0.0

Matrix Type: WATER		Method Blank (MB) Results				Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results						
					Spike	Spike Re	covery (%)	Recovery Limits (%)		RPDs (%)		
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit	
EA/ED: Physical and Aggregate Proper	A/ED: Physical and Aggregate Properties (QCLot: 620004)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	98.0		85	115			
EA/ED: Physical and Aggregate Properties (QCLot: 620005)												
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	99.0		85	115			
EA/ED: Physical and Aggregate Proper	ies (QCLot: 620006)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	106		85	115			
EA/ED: Physical and Aggregate Proper	ies (QCLot: 620007)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	99.5		85	115			

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CERTIFICATE OF ANALYSIS

Client Contact Address	 ERM HONG KONG MS KAREN LUI 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0804328
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Facsimile	2723 5660	Facsimile	: +852 2610 2021		
Project	: EM&A FOR THE PERMANENT AVIATION FUEL	Quote number	:	Date received	: 23 Mar 2008
	FACILITY				
Order number	:			Date of issue	: 27 Mar 2008
C-O-C number	<u>:</u>			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804328 supersedes any previous reports with this reference. The completion date of analysis is 26 Mar 2008. 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 HK0804328 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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	Signatory	Position	Authorised results for:-
	Fung Lim Chee, Richard	General Manager	Inorganics

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Matrix Type: WATER						Duplicate (DUP)	Duplicate (DUP) Results						
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)					
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620012)											
HK0804328-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0					
HK0804328-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0					
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620013)											
HK0804328-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	8	7	0.0					
HK0804328-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0					
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620014)											
HK0804328-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	6	8	15.7					
HK0804328-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	5	4	21.5					
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620015)											
HK0804328-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	3	4	0.0					
HK0804328-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	6	5	22.8					

Matrix Type: WATER		Method Blank (MB) Results Single Control Spike (SCS) and Duplicate Control Spike (DCS) Re						S) Results			
					Spike	Spike Re	covery (%)	Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Propert	ies (QCLot: 620012)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	107		85	115		
EA/ED: Physical and Aggregate Properties (QCLot: 620013)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	99.0		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 620014)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	103		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 620015)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	98.0		85	115		

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Client Contact Address	 ERM HONG KONG MS KAREN LUI 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0804329
E-mail	: Karen.Lui@erm.com	E-mail	: Alice.Wong@alsenviro.com		
Telephone	2271 3000	Telephone	: +852 2610 1044		
Facsimile	2723 5660	Facsimile	: +852 2610 2021		
Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 24 Mar 2008
Order number				Date of issue	: 27 Mar 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:			·	- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804329 supersedes any previous reports with this reference. The completion date of analysis is 26 Mar 2008. 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 HK0804329 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

	This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the 'Electronic Transactions Ordinance' of Hong Kong, Chapter 553, Section 6.					
-	Signatory Fung Lim Chee, Richard	Position	Authorised results for:-			
	Fung Lim Chee, Richard	General Manager	Inorganics			

ALS Laboratory Group Trading Name: ALS Technichem (HK) Pty Ltd 11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com



Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620021)						
HK0804329-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
HK0804329-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	8	9	11.5
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620022)						
HK0804329-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
HK0804329-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	8	7	15.4
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620023)						
HK0804329-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	8	7	19.4
HK0804329-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	8	8	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 620024)						
HK0804329-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	9	9	0.0
HK0804329-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0

Matrix Type: WATER		Method Blank (MB) Results Single Control Spike (SCS) and Duplicate Control Spike (DCS) H						S) Results			
					Spike	Spike Re	covery (%)	Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Propert											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	102		85	115		
EA/ED: Physical and Aggregate Properties (QCLot: 620022)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	102		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 620023)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	97.0		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 620024)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	93.0		85	115		

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Client Contact Address	 ERM HONG KONG MS KAREN LUI 21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0804330
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Telephone	2271 3000	Telephone	: +852 2610 1044		
Facsimile	2723 5660	Facsimile	: +852 2610 2021		
Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 25 Mar 2008
Order number	:			Date of issue	: 28 Mar 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804330 supersedes any previous reports with this reference. The completion date of analysis is 28 Mar 2008. 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 HK0804330 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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	Signatory	Position	Authorised results for:-				
_	Fung Lim Chee, Richard	General Manager	Inorganics				



Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 621723)						
HK0804330-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	10	9	14.2
HK0804330-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	8	8	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 621724)						
HK0804330-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	8	8	0.0
HK0804330-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	8	8	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 621725)						
HK0804330-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	7	6	0.0
HK0804330-069	IMO1 M MF	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 621726)						
HK0804330-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
HK0804330-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	11	11	0.0

Matrix Type: WATER			Method Blank (MB	3) Results	Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results						
					Spike	Spike Re	covery (%)	Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Propert	ies (QCLot: 621723)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	93.5		85	115		
EA/ED: Physical and Aggregate Propert											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	100		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 621725)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	94.5		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 621726)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	97.5		85	115		

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Client Contact Address	 ERM HONG KONG MS KAREN LUI 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	: 1 of 4 : HK0804331
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Facsimile	2723 5660	Facsimile	: +852 2610 2021		
Project	: EM&A FOR THE PERMANENT AVIATION FUEL	Quote number	:	Date received	: 26 Mar 2008
	FACILITY				
Order number	:			Date of issue	: 31 Mar 2008
C-O-C number	<u>:</u>			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804331 supersedes any previous reports with this reference. The completion date of analysis is 28 Mar 2008. 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 HK0804331 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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	Signatory	Position	Authorised results for:-
	Fung Lim Chee, Richard	General Manager	Inorganics



Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 622675)						
HK0804331-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0
HK0804331-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 622676)						
HK0804331-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	8	8	0.0
HK0804331-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 622677)						
HK0804331-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	5	6	22.0
HK0804331-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	6	7	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 622678)						
HK0804331-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	8	6	20.7
HK0804331-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	7	6	0.0

Matrix Type: WATER		Method Blank (MB) Results			Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results						
					Spike	Spike Re	covery (%)	Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Propert	ies (QCLot: 622675)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	98.0		85	115		
EA/ED: Physical and Aggregate Propert											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	98.0		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 622677)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	107		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 622678)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	98.5		85	115		

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CERTIFICATE OF ANALYSIS

Client Contact Address	 ERM HONG KONG MS KAREN LUI 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0804630
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Telephone	2271 3000	Telephone	: +852 2610 1044		
Facsimile	2723 5660	Facsimile	: +852 2610 2021		
Project	: EM&A FOR THE PERMANENT AVIATION FUEL	Quote number	:	Date received	: 27 Mar 2008
	FACILITY				4.4
Order number	<u>:</u>			Date of issue	: 1 Apr 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804630 supersedes any previous reports with this reference. The completion date of analysis is 31 Mar 2008. 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 HK0804630 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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-	Signatory	Position	Authorised results for:-				
	Fung Lim Chee, Richard	General Manager	Inorganics				

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Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 623142)						
HK0804630-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
HK0804630-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	6	5	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 623143)						
HK0804630-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
HK0804630-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	4	5	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 623144)						
HK0804630-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
HK0804630-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 623145)						
HK0804630-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
HK0804630-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	3	3	0.0

Matrix Type: WATER			Method Blank (MB) Results	Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results						
					Spike	Spike Re	covery (%)	Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Proper	ties (QCLot: 623142)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	95.0		85	115		
EA/ED: Physical and Aggregate Properties (QCLot: 623143)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	98.0		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 623144)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	99.0		85	115		
EA/ED: Physical and Aggregate Property	ties (QCLot: 623145)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	94.5		85	115		

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ANALYICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client Contact Address	 ERM HONG KONG MS KAREN LUI 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0804739
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Telephone	2271 3000	Telephone	: +852 2610 1044		
Facsimile	2723 5660	Facsimile	: +852 2610 2021		
Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 28 Mar 2008
Order number				Date of issue	2 Apr 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804739 supersedes any previous reports with this reference. The completion date of analysis is 31 Mar 2008. 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 HK0804739 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

	This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the 'Electronic Transactions Ordinance' of Hong Kong. Chapter 553. Section 6.						
	Signatory	Position	Authorised results for:-				
_	Fung Lim Chee, Richard	General Manager	Inorganics				



Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot: 6	24079)						
HK0804739-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	4	5	0.0
HK0804739-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot: 6	24080)						
HK0804739-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	9	9	0.0
HK0804739-046	C2 (NM5) M DUP ME	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot: 6	24081)						
HK0804739-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
HK0804739-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot: 6	24082)						
HK0804739-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0
HK0804739-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0

Matrix Type: WATER		Method Blank (MB) Results			Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results						
					Spike	Spike Re	covery (%)	Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Propert	ies (QCLot: 624079)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	106		85	115		
EA/ED: Physical and Aggregate Properties (QCLot: 624080)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	97.5		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 624081)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	99.0		85	115		
EA/ED: Physical and Aggregate Propert	ies (QCLot: 624082)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	98.5		85	115		

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CERTIFICATE OF ANALYSIS

Client Contact Address	 ERM HONG KONG MS KAREN LUI 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0804738
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Telephone	2271 3000	Telephone	: +852 2610 1044		
Facsimile	2723 5660	Facsimile	: +852 2610 2021		
Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 29 Mar 2008
Order number				Date of issue	2 Apr 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804738 supersedes any previous reports with this reference. The completion date of analysis is 1 Apr 2008. 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 HK0804738 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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	Signatory	Position	Authorised results for:-			
	Fung Lim Chee, Richard	General Manager	Inorganics			

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Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 624758)						
HK0804738-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
HK0804738-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	3	3	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 624761)						
HK0804738-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
HK0804738-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	7	7	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 624762)						
HK0804738-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	7	6	0.0
HK0804738-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 624763)						
HK0804738-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0
HK0804738-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0

Matrix Type: WATER		Method Blank (MB) Results			Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results						
					Spike	Spike Re	covery (%)	Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Proper	ties (QCLot: 624758)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	99.0		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 624761)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	97.0		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 624762)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	94.0		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 624763)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	97.5		85	115		

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ANALYICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client Contact Address	 ERM HONG KONG MS KAREN LUI 21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0804757
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Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 30 Mar 2008
Order number	:			Date of issue	2 Apr 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804757 supersedes any previous reports with this reference. The completion date of analysis is 1 Apr 2008. 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 HK0804757 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

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	Signatory	Position	Authorised results for:-				
	Fung Lim Chee, Richard	General Manager	Inorganics				



Matrix Type: WATER						Duplicate (DUP)	Results	
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and A	Aggregate Properties (QC Lot: 6	24770)						
HK0804757-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
HK0804757-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot: 6	24771)						
HK0804757-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	5	4	0.0
HK0804757-046	C2 (NM5) M DUP ME	EA025: Suspended Solids (SS)		1	mg/L	6	6	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot: 6	24772)						
HK0804757-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	6	5	21.7
HK0804757-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	4	5	0.0
EA/ED: Physical and A	Aggregate Properties (QC Lot: 6	24773)						
HK0804757-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	5	4	0.0
HK0804757-100	C3 (NM6) M DUP MF	EA025: Suspended Solids (SS)		1	mg/L	8	8	0.0

Matrix Type: WATER		Method Blank (MB) Results			Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results						
					Spike	Spike Re	covery (%)	Recovery Limits (%)		RPDs (%)	
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Proper	ties (QCLot: 624770)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	93.0		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 624771)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	97.5		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 624772)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	95.5		85	115		
EA/ED: Physical and Aggregate Proper	ties (QCLot: 624773)										
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	102		85	115		

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ANALYICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client Contact Address	 ERM HONG KONG MS KAREN LUI 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY HONG KONG 	Laboratory Contact Address	 ALS Technichem (HK) Pty Ltd Alice Wong 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong 	Page Work Order	 1 of 4 HK0804741
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Facsimile	2723 5660	Facsimile	: +852 2610 2021		
Project	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	Quote number	:	Date received	: 31 Mar 2008
Order number				Date of issue	: 3 Apr 2008
C-O-C number	:			No. of samples	- Received : 74
Site	:				- Analysed : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0804741 supersedes any previous reports with this reference. The completion date of analysis is 2 Apr 2008. 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 HK0804741 :

Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition. Water sample(s) analysed and reported on an as received basis.

approval from ALS Technichem (HK) Pty Ltd.	This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the 'Electronic Transactions Ordinance' of Hong Kong, Chapter 553, Section 6.					
-	Signatory	Position	Authorised results for:-			
	Fung Lim Chee, Richard	General Manager	Inorganics			



Matrix Type: WATER					Duplicate (DUP) Results					
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)		
EA/ED: Physical and Aggregate Properties (QC Lot: 625171)										
HK0804741-001	MP S ME	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0		
HK0804741-013	MPB2 S ME	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0		
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 625172)								
HK0804741-023	IMO1 B ME	EA025: Suspended Solids (SS)		1	mg/L	5	5	0.0		
HK0804741-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)		1	mg/L	2	2	0.0		
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 625174)								
HK0804741-057	MPB1 M MF	EA025: Suspended Solids (SS)		1	mg/L	7	6	0.0		
HK0804741-067	IMO1 S MF	EA025: Suspended Solids (SS)		1	mg/L	3	3	0.0		
EA/ED: Physical and A	Aggregate Properties (QC Lot	: 625175)								
HK0804741-077	IMO2 B MF	EA025: Suspended Solids (SS)		1	mg/L	4	4	0.0		
HK0804741-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)		1	mg/L	4	3	0.0		

Matrix Type: WATER		Method Blank (MB) Results		Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results							
				Spike	Spike Spike Rec		Recovery	Limits (%)	RPDs (%)		
Method: Analysis Description	CAS number	LOR	Units	Result	Concentration	SCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 625171)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	95.5		85	115		
EA/ED: Physical and Aggregate Properties (QCLot: 625172)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	98.0		85	115		
EA/ED: Physical and Aggregate Properties (QCLot: 625174)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	102		85	115		
EA/ED: Physical and Aggregate Properties (QCLot: 625175)											
EA025: Suspended Solids (SS)		2	mg/L	<2	20 mg/L	97.0		85	115		