

# National Factory

For Processing & Treating Minerals



المصنع الوطني  
لمعالجة وتحسين المعادن



## Technical Data Sheet

TO : M/S SALAM ENTERPRISES, DUBAI.  
Material : Silica Sand Grade: 0.43 – 0.85 MM  
Ref No : 2795/FM Date: 16/02/14

### • Physical & Chemical analysis:

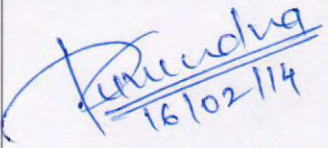
#### Reference used:

Standard method of chemical analysis by F.J.Welcher 6<sup>th</sup> edition, volume II,  
Part B. / ASTM C 136/ ASTM E-11/09/AWWA B 100-09

Sr.	Sieve in MM	% of retained
1.	0.850	5.00 % Max
2.	-0.425	5.00 % Max

Uniformity Coefficient < 1.50

Sr.	Parameter tested	Result obtained
1.	% of SiO <sub>2</sub>	> 99.00 %
2.	Bulk density, Non-compact	> 1.50 kg/dm <sup>3</sup>
3.	Specific gravity	> 2.60 g/cc
4.	% of Acid solubility	< 1.00 %
5.	Hardness	7.00 Moh's scale
6.	% of H <sub>2</sub> O	< 0.050 %

Checked & Approved By:	Date & Ref no:
 Riyaz Shaikh (QA/QC Manager)	16/02/14 2795/FM/Ref no #



An Affiliate of Delmon Company Limited

P. O. Box 6800 - Dammam 31452 - Saudi Arabia - Tel.: +966 13 857 7777 - Fax : +966 13 857 1900

## Technical Data Sheet

**TO : M/S SALAM ENTERPRISES, DUBAI.**  
Material : Silica Sand Grade: 0.71 – 1.18 MM  
Ref No : 2794/FM Date: 16/02/14

### • Physical & Chemical analysis:

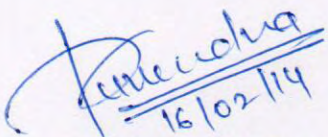
#### Reference used:

Standard method of chemical analysis by F.J.Welcher 6<sup>th</sup> edition, volume II,  
Part B. / ASTM C 136/ ASTM E-11/09/AWWA B 100-09

Sr.	Sieve in MM	% of retained
1.	1.18	5.00 % Max
2.	-0.710	5.00 % Max

Uniformity Coefficient < 1.50

Sr.	Parameter tested	Result obtained
1.	% of SiO <sub>2</sub>	> 98.00 %
2.	Bulk density, Non-compact	> 1.50 kg/dm <sup>3</sup>
3.	Specific gravity	> 2.60 g/cc
4.	% of Acid solubility	< 2.00 %
5.	Hardness	7.00 Moh's scale
6.	% of H <sub>2</sub> O	< 0.050 %

Checked & Approved By:	Date & Ref no:
 Riyaz Shaikh (QA/QC Manager)	16/02/14 2794/FM/Ref No #

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## Technical Data Sheet

TO : M/S SALAM ENTERPRISES, DUBAI.  
Material : Silica Sand Grade: 1.18 – 2.00 MM  
Ref No : 2793/FM Date: 16/02/14

### • Physical & Chemical analysis:


#### Reference used:

Standard method of chemical analysis by F.J.Welcher 6<sup>th</sup> edition, volume II,  
Part B. / ASTM C 136/ ASTM E-11/09/AWWA B 100-09.

Sr.	Sieve in MM	% of retained
1.	2.00	5.00 % Max
2.	-1.18	5.00 % Max

Uniformity Coefficient < 1.50

Sr.	Parameter tested	Result obtained
1.	% of SiO <sub>2</sub>	> 97.00 %
2.	Bulk density, Non-compact	> 1.50 kg/dm <sup>3</sup>
3.	Specific gravity	> 2.60 g/cc
4.	% of Acid solubility	< 2.00 %
5.	Hardness	7.00 Moh's scale
6.	% of H <sub>2</sub> O	< 0.050 %

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## Technical Data Sheet

**TO : M/S SALAM ENTERPRISES, DUBAI.**  
Material : Silica Sand Grade: 1.50 – 3.00 MM  
Ref No : 2792/FM Date: 16/02/14

### • Physical & Chemical analysis:

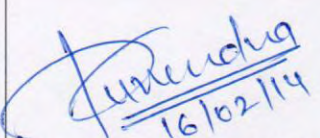
#### Reference used:

Standard method of chemical analysis by F.J.Welcher 6<sup>th</sup> edition, volume II,  
Part B. / ASTM C 136/ ASTM E-11/09/AWWA B 100-09

Sr.	Sieve in MM	% of retained
1.	3.15	5.00 % Max
2.	-1.50	5.00 % Max

Uniformity Coefficient < 1.50

Sr.	Parameter tested	Result obtained
1.	% of SiO <sub>2</sub>	> 97.00 %
2.	Bulk density, Non-compact	> 1.50 kg/dm <sup>3</sup>
3.	Specific gravity	> 2.60 g/cc
4.	% of Acid solubility	< 2.00 %
5.	Hardness	7.00 Moh's scale
6.	% of H <sub>2</sub> O	< 0.050 %

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## Technical Data Sheet

TO : M/S SALAM ENTERPRISES, DUBAI.  
Material : Gravel Grade: 3.00 – 5.00 MM  
Ref No : 2791/FM Date: 16/02/14

### • Physical & Chemical analysis:

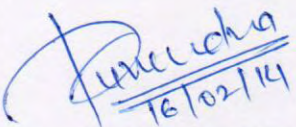
#### Reference used:

Standard method of chemical analysis by F.J.Welcher 6<sup>th</sup> edition, volume II, Part B. / ASTM C 136/ ASTM E-11/09/AWWA B 100-09.

Sr.	Sieve in MM	% of retained
1.	5.00	< 5.00 %
2.	-3.15	< 5.00 %

Uniformity Coefficient < 1.50

Sr.	Parameter tested	Result obtained
1.	% of SiO <sub>2</sub>	> 90.00 %
2.	Bulk density, Non-compact	> 1.50 kg/dm <sup>3</sup>
3.	Specific gravity	> 2.60 g/cc
4.	% of Acid solubility	< 10.00 %
5.	Hardness	7.00 Moh's scale
6.	% of H <sub>2</sub> O	< 0.050 %

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## Technical Data Sheet

TO : M/S SALAM ENTERPRISES, DUBAI.  
Material : Gravel Grade: 5.00 – 10.00 MM  
Ref No : 2790/FM Date: 16/02/14


### • Physical & Chemical analysis:

#### Reference used:

Standard method of chemical analysis by F.J.Welcher 6<sup>th</sup> edition, volume II, Part B. / ASTM C 136/ ASTM E-11/09/AWWA B 100-09.

Sr.	Sieve in MM	% of retained
1.	10.00	< 5.00 %
2.	-5.00	< 5.00 %

Sr.	Parameter tested	Result obtained
1.	% of SiO <sub>2</sub>	> 90.00 %
2.	Bulk density, Non-compact	> 1.50 kg/dm <sup>3</sup>
3.	Specific gravity	> 2.60 g/cc
4.	% of Acid solubility	< 10.00 %
5.	Hardness	7.00 Moh's scale
6.	% of H <sub>2</sub> O	< 0.050 %

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## Technical Data Sheet

TO : M/S SALAM ENTERPRISES, DUBAI.  
Material : Gravel Grade: 8.00 – 12.00 MM  
Ref No : 2789/FM Date: 16/02/14


### • Physical & Chemical analysis:

#### Reference used:

Standard method of chemical analysis by F.J.Welcher 6<sup>th</sup> edition, volume II,  
Part B. / ASTM C 136/ ASTM E-11/09/AWWA B 100-09

Sr.	Sieve in MM	% of retained
1.	12.50	< 5.00 %
2.	-8.00	< 5.00 %

Sr.	Parameter tested	Result obtained
1.	% of SiO <sub>2</sub>	> 90.00 %
2.	Bulk density, Non-compact	> 1.50 kg/dm <sup>3</sup>
3.	Specific gravity	> 2.60 g/cc
4.	% of Acid solubility	< 10.00 %
5.	Hardness	7.00 Moh's scale
6.	% of H <sub>2</sub> O	< 0.050 %

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