

[WWW.SGS.COM/FERTILIZER](http://WWW.SGS.COM/FERTILIZER)



# FERTILIZERS

MINERALS SERVICES

WHEN YOU NEED TO BE SURE





# UNRIVALLED GLOBAL FERTILIZER EXPERTISE



## TECHNICAL EXPERTISE TO SUPPORT YOUR FERTILIZER OPERATION

Let SGS help you establish your competitive advantage by offering trustworthy and unbiased support to all aspects of your fertilizer operations. SGS' team approach effectively puts the resources of our entire global network at your disposal. Allow our technical expertise to help you reduce your financial and operational risk.

### EXPLORATION SERVICES

- Geological exploration services
- Project management
- Core drilling and logging
- Orebody modeling and resource estimation
- NI 43-101 & JORC Technical Reports

### ANALYTICAL SERVICES

- Geochemical analysis
- Proficiency testing programs
- Due diligence reviews

### PRE-FEASIBILITY & FEASIBILITY SERVICES

- Metallurgical flowsheet development and pilot plant testing
- Geometallurgy
- Process simulation
- Plant design services

### PRODUCTION SUPPORT

- On-site laboratories
- In-plant audits
- Advanced process and systems control
- Meter and tank calibration
- AHEAD asset management

### TRADE & INSPECTION SERVICES

- Settlement and umpire services
- Quality inspection
  - Visual inspection
  - Hold & hatch inspection
  - Conditional and bunker survey
  - Marine services
  - On/ Off hires
  - E-Reporting
- Quantity assessment
  - Tally grading
  - Weight verification and draft survey
  - Stockpile inventory management
- Warehousing and Collateral Management Agreements (CMA)

### SAMPLING SERVICES

- Sample collection and preparation
- Lot sub-sampling
- Manual and auger sampling
- Mechanical sampling systems

### ENVIRONMENTAL SERVICES

- Environmental studies, auditing and permitting
- Industrial hygiene
- Water usage, testing and treatment services
- Land reclamation and mine closure planning
- Greenhouse gas emission verification

### CROP SERVICES

- Laboratory services
- Research services
- Fertility management

### AUDITING & CERTIFICATION

- ISO 9001:2008 Quality Management Systems
- ISO 14001:2004 Environmental Management Systems
- BS EN 16001:2009 Energy Management
- OHSAS 18001 Occupational Health and Safety Management Systems

SGS is the global leader of quality and quantity testing services for the fertilizer industry. Our fertilizer analysis includes a wide range of fertilizer commodities including:

- Phosphate fertilizers
- Phosphate rock
- Phosphoric acid
- Feed-grade phosphates
- Ammonium sulfate
- Ammonium nitrate
- Calcium nitrate
- Urea
- Potash
- Sulfur
- NPK
- Blended fertilizers
- Specialty fertilizers
- Fertilizer solutions
- Anhydrous ammonia

### CONTACT US

For an office near you:  
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