

To Whomsoever It May Concern

Rev:01

MANUFACTURER CERTIFICATE

PRODUCT: GRANULATED AMMONIUM PHOSPHATE SULPHATE (NPS 20:20:0:13S) IN BULK

TOTAL NITROGEN : 20 % MIN
TOTAL PHOSPHATE : 20 % MIN
SULPHUR as S : 13 % MIN
MOISTURE : 1.5 % MAX

SIZE

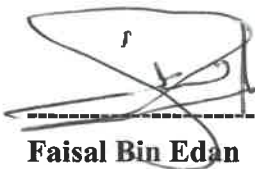
2-4MM : 90% MIN
Less Than 1 MM : 5% MAX

COLOR : LIGHT GREY
CRUSHING STRENGTH: >2.5 KGF

We MWSPC (Ma'aden Waad Al Shammal Phosphate Company) certifies that:

- A) Above stated specifications are normal and standard specifications of MWSPC.
- B) The process of production remains unchanged.
- C) The fertilizer is free flowing, granular and free from any foreign matter.

Very truly yours,


Faisal Bin Edan
Director,
Planning & Economics

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MANUFACTURER'S STATEMENT

We MWSPC (Ma'aden Waad Al Shammal Phosphate Company) hereby certify the following for the manufacturing of Ammonium Phosphate Sulphate NPS 20-20-0-13S

1. RAW MATERIALS

Ammonia, Phosphoric acid , Urea and Sulphuric acid

2. CHEMICAL COMPOSITION ANALYSIS METHOD SPECIFICATION

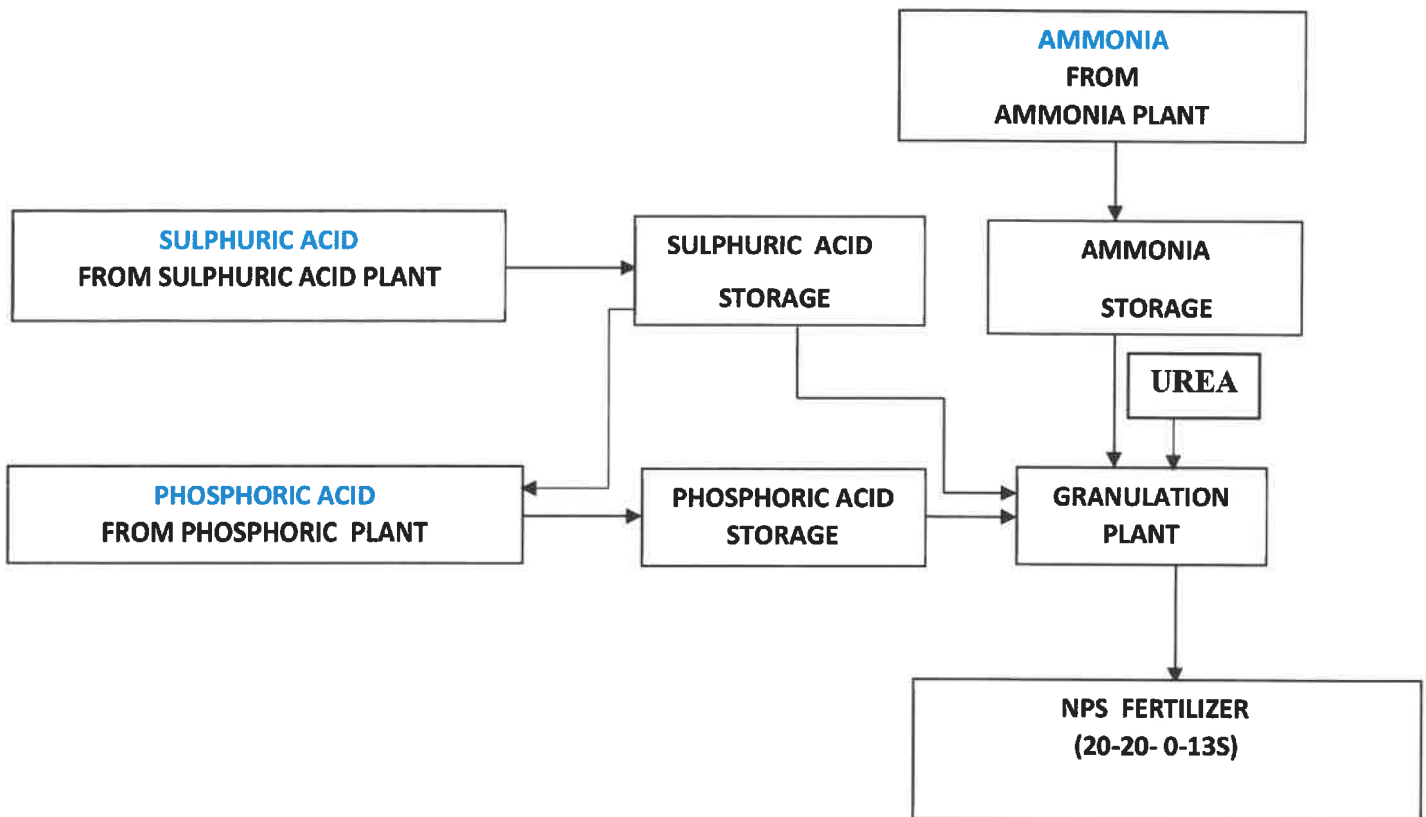
1. Total P ₂ O ₅ :	AOAC : 962.02	20.0% Minimum
2. Available Citrate soluble P ₂ O ₅	AOAC : 993.31	20.0% Minimum
3. Water Soluble P ₂ O ₅	AOAC : 962.03	17.0% Minimum
4. Total Nitrogen:	AOAC : 970.02	20.0% Minimum
5. Ammonical Nitrogen	AOAC : 920.03	18.0% Minimum
6. Urea Nitrogen	AOAC : 959.03	1.0% Maximum
7. Sulphur as S	AOAC : 980.02	13.0% Minimum
8. Moisture:	AOAC : 972.01	1.5% Maximum
9. Granulometry		
a. 2 to 4 mm size fraction	By Sieving	90% Minimum
b. Less than 1mm size fraction	By Sieving	5% Maximum
10. Heavy Metals		
a. Arsenic, As	AOAC : 2006.03	10 ppm Maximum
b. Cadmium, Cd	AOAC : 2006.03	10 ppm Maximum
c. Mercury, Hg	AOAC : 2006.03	0.1 ppm Maximum
d. Selenium, Se	AOAC : 2006.03	1.0 ppm Maximum
e. Lead, Pb	AOAC : 2006.03	10 ppm Maximum
f. Chromium Cr	AOAC : 2006.03	500 ppm Maximum

Certified by:

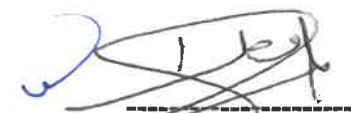

Faisal Bin Edan
Director,
Planning & Economics

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3. MANUFACTURING DIAGRAM



Certified by:


Faisal Bin Edan
Director,
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