

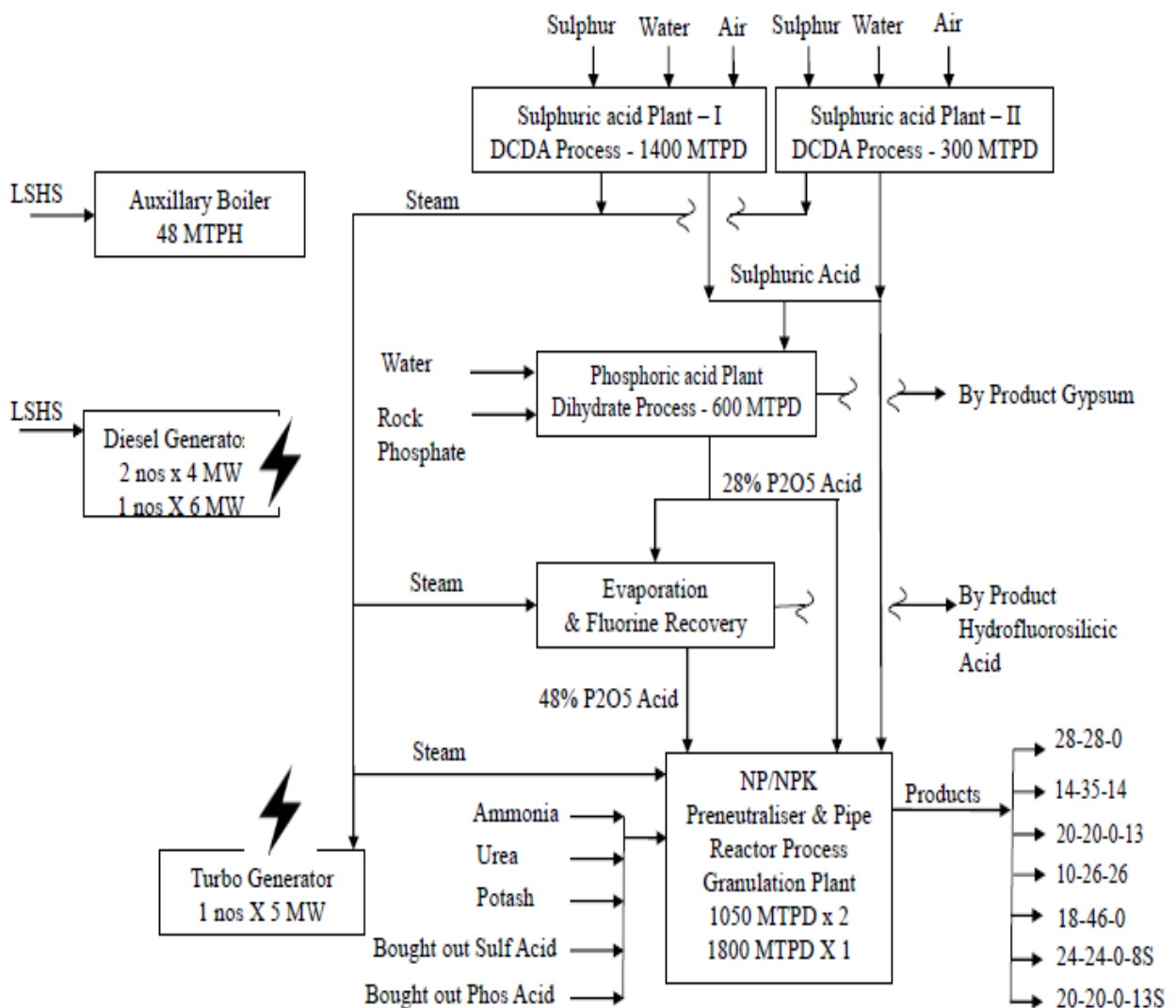
**FERTILISER (20-20-0 Grade) APPLICATION AT COROMANDEL INTERNATIONAL LTD:**

**Application:** Fertiliser (20-20-0)

**Moisture range:** 0.3% - 1.2%

**Sensor Model:** ET-3000

**Manufacturing process:**



**Aim of Demonstration:**

To know the moisture of the Fertiliser (20-20-0) grade after the flash dryer, since by monitoring the fertiliser moisture the client wants to control the temperature for the flash dryer as well to use the water for maintaining the moisture accordingly,

The client has various grades for fertiliser as enlisted as below:

1. 20-20-0 Grade used for farming community
2. Gromor 14-25-35
3. Gromor 28-28-0, etc.,

**Installation details:**

After the mounting of the moisture sensor, we have taken samples and after necessary linear calibration we got the below set of readings:

S.NO	GAUGE	LAB	DIFF
1	0.44	0.26	-0.18
2	0.4	0.28	-0.12
3	0.38	0.15	-0.23
4	0.5	0.27	-0.23
5	0.39	0.26	-0.13
6	0.38	0.26	-0.12
7	0.4	0.45	0.05
8	0.4	0.49	0.09
9	0.4	0.39	-0.01
10	0.5	0.4	-0.1
11	0.9	1.2	0.3
<b>AVG</b>	<b>0.462727</b>	<b>0.400909</b>	<b>-0.06182</b>

**Location Photos:**



