



## ACTION TAKEN ON THE ACTIONABLE POINTS EMERGED DURING 2<sup>ND</sup> STRATEGIC MEET

### ***Bentonite sulphur plant commissioned on 20.12.2017.***

- Performance of few pumps especially P3,P4; Agitators for Mixing & Buffer Tanks is not up to the mark, to be replaced by party.
- 100 % rated capacity expected in June'2018.

### ***Manufacturing of fly ash bricks was explored.***

- Due to lack of opportunities/market in near vicinity no response received.
- However, Work order issued to M/s Ultra Tech for sale of dry fly ash.

### ***Disposal of NTBR is nearing completion.***

- Area for GTG+HRSG cleared & Geo Technical investigation completed by M/s Thermax.

### ***Utilization of idle assets***

- Setting up Solar power plant at Dahar Ash pond being explored by CO.
- School re-opened in NFL Township.
- Seed processing unit proposed near boundary wall of factory. Case moved for soil testing.

## IMPROVE TOP AND BOTTOM LINE OF COMPANY

**On the line of Bentonite sulphur we should focus on New Product manufacturing based on market inputs e.g. Speciality Fertilizers containing Macro and Micro nutrients.**

**Energy saving schemes (with target at 5.8 Gcal/MT) e.g. exploring implantation**

- 1. KRES scheme.(Kellogg Reformer Exchanger System)**
- 2. S-50 incorporation in process schematics.**
- 3. Urea Revamp (Low pressure loop 150 bar)**
- 4. After GTG, turbines be replaced with motors e.g. Carbamate pp, BFW pps.**

- Continual Improvement in maintenance practices by effective monitoring (process, NDT) to Minimize interruptions.**
- Annual Mtc of plants in alternate years.**

## **INPUT ON BEST CSR PRACTICES AND ITS IMPLEMENTATION (SYSTEMATIC, PRO-ACTIVE AND RESPONSIVE)**

- **Make a core CSR team for effective implementation, Measurement and impact assessment**
- **Comprehensive adoption of institute/village .**
- **Target of say 40 Hrs a year for service in adopted village.**
- **Meetings at new destinations for development of infrastructure and promoting tourism**

## INPUT ON BEST HR PRACTICES

**Performance based recognitions, like fast track promotion, cash award, public appreciation.**

**Better and Stable working conditions.**

**More Objectivity in APARs**

**Mentoring of Interns by assigning guide and then guides performance in ACR.**

## Long term goals, medium term strategy and short term action plans for the company

- **Achieve sustained best energy efficiency maintaining safety and pollution free environment.**
- **Urea revamp**
- **Energy saving scheme in ammonia (GB601, BFW pump, series operation of S-200/S-300 etc).**
- **Changeover of boiler from coal fired to NG fired to achieve energy of below 6.0 Gcal/MT Urea.**
- **Under NUP-2015, norm of 6.5 Gcal/MT urea.**
- **GTG+HRSG is under implementation by Nov.'2019**

## **Corporate Governance, HRM, Financial Re-Engineering and Innovation, R&D and Technology themes**

**Knowledge management portal can be developed for sharing best practices in the industry. May be thr' DOF or FAI.**

**Reduce Lead Time in procurements - Streamline tendering process**

**Confidence building between NFL and Farmer. This will improve Brand Image.**

**R&D focusing attention on the health of soil in agricultural areas across the country, to boost productivity and bring about increased prosperity under the Governments program स्वस्थ धरा तो खेत हरा**

a) increasing geo-strategic reach, b) reducing import bill, c) integrating innovation and research efforts of CPSEs, d) selecting an annual theme for CSR activities and e) new development model for the country

- **Overseas investment**

- **Using indigenous technologies & products as an alternate.**
- **More stress on Import substitutions with targets.**
- **Bentonite sulphur plant. (Import bill on BS import will come down)**

- **Synergy of Industry and Research centres for technical independence**
- **Joint ventures for knowledge and technology sharing**

- **Paperless office and online approvals**

Thank  
You!

## ***ACHIEVEMENTS : 2017-18***

Ever best annual Ammonia production Previous best:	<b>337395 MT</b>  331440 MT (2015-16)
Ever best urea dispatch Previous best	<b>571505.4 MT</b> In 1997-98
Ever best Energy Previous best	<b>6.762 GCal/MT Urea</b> 7.112 GCal/MT Urea (2016-17) <i>(reduction of 11.16 % over the norm, 4.89 % over the previous best and 4.18 % over MOU Target)</i>
Ever best monthly energy	6.575 GCal/MT (March.'2018).
Commissioning of Bentonite sulphur plant	20.12.2017

# RECOGNITIONS

Prestigious National Energy Conservation Award 2017 (First prize) in fertilizer sector for the third time (second time in a row). The award was conferred by Hon'ble President of India Sh Ram Nath Kovind in an event organized by BEE

Award for "Highest achiever in energy savings in PAT cycle I.

Golden Peacock Award for Energy Efficiency-2017 in Fertilizer and Chemical sector.

Prestigious National level Safety Award "Sarv Shreshta Surakasha Puraskar" from National Safety Council, India (Mumbai) under the Scheme NSCI Safety Awards-2016 among manufacturing Sector (Group-B).

Received National Safety Award – 2015: Winner for lowest average frequency rate & Runners up for longest accident free year from DGFASLI (Directorate General Factory Advice Service and labour institutes), Labour & Employment.

Received prestigious National level Safety Award "Shreshta Surakasha Puraskar" from National Safety Council, India (Mumbai) under the Scheme NSCI Safety Awards-2017 among manufacturing Sector (Group-B).