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Government of India  
Ministry of Steel

### NOTIFICATION

New Delhi, the 28<sup>th</sup> December, 2017

--- (E).-- A Task force is constituted as under to explore (1) the feasibility of producing methanol from coal at Mozambique & India, (2) replacement of natural gas by coal gas through coal gasification process in steel plants and (3) Carbon-Di-Oxide (CO<sub>2</sub>) capturing from steel plants into methanol liquid fuel:

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| 1. <b>Dr. V. K. Saraswat,</b><br>Member, NITI Aayog                             | Chairman         |
| 2. Secretary, Ministry of Steel   | Member           |
| 3. Secretary, Ministry of Coal  | Member           |
| 4. Dr. R R Sonde, Chairman Methanol production,<br>NITI Aayog and EVP Thermax   | Member           |
| 5. Shri Gopal Singh, Chairman, Coal India Ltd.                                  | Member           |
| 6. Shri Atul Sobti, CMD, BHEL   | Member           |
| 7. Shri P. K. Singh, Chairman,<br>Steel Authority of India Ltd.                 | Member           |
| 8. Shri Prashanth Srinivas,<br>Founder Director,<br>Catalytic Think Tank Forum. | Member           |
| 9. Mrs. Vartika Shukla, ED,<br>Engineering India Ltd.                           | Member           |
| 10. Shri Sajjan Jindal,<br>Chairman & Managing Director,<br>JSW Steel Ltd.      | Member           |
| 11. Shri L. N. Mittal, Chairman & CEO,<br>Mittal Steel Company                  | Member           |
| 12. Shri Shashi Ruia, Chairman,<br>ESSAR Steel Ltd.                             | Member           |
| 13. Shri Atul Bhatt, CMD, MECON   | Member           |
| 14. Shri P Madhusudan, CMD, RINL  | Member           |
| 15. Shri N. Baijendra Kumar IAS, CMD,<br>NMDC Ltd.                              | Member           |
| 16. Ms. Ruchika Chaudhry Govil,<br>Joint Secretary, Ministry of Steel.          | Member Secretary |

**Terms of Reference:**

- (i) Study feasibility of exploring coal mines to produce methanol.
  - (ii) Explore the feasibility of using coal gas a replacement of natural gas in steel production.
  - (iii) Examining the feasibility of transporting methanol to India and convert it into olefins, parafins and other chemicals.
  - (iv) CO<sub>2</sub> sequestration from steel plants into methanol liquid fuel.
  - (v) Any other related issue as felt necessary by the Task force.
  - (vi) A detailed analysis of usage of methanol is also to be established by this task force.
  - (vii) Technology of CO<sub>2</sub> to methanol should be explored as a Indian Technology capability.
  - (viii) Total benefits from CO<sub>2</sub> sequestration into methanol and replacing Coal gas with natural gas to the steel sector to be quantified and established.
2. (i) The Task Force would be expected to outline the action plan & the time lines of implementation.
- (ii) Deliberation of the Task Force would become the reference point for project feasibility.
- (iii) The Task Force shall submit the report within 60 days of formation.
3. For attending meeting of the Task Force, the members would be provided with Travelling Allowance & Dearness Allowance (domestic) as under:
- (i) Official members would draw TA/DA as per their entitlement from their respective Ministry/Department.
  - (ii) Non-official members from India will be entitled to domestic TA/DA as admissible to Grade-1 officers of Govt. of India (travel by economy / executive class as per entitlement by Air India) and this expenditure will be borne by the NITI Aayog, if required.

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(Ruchika Chaudhry Govil)  
Joint Secretary to the Government of India