

GOVERNMENT OF INDIA  
MINISTRY OF STEEL  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO.2879**  
FOR ANSWER ON 28/03/2022

**PLASTIC WASTE USED IN STEEL MAKING**

2879. SHRI ABIR RANJAN BISWAS:

Will the Minister of STEEL be pleased to state:

- (a) whether the plastic waste is currently being used by any company in steel making in the country;
- (b) if so, the details thereof;
- (c) if not, the funds allocated by Government for the research in this area;
- (d) whether Government is providing the steel producers monetary support for using the plastic in steel production; and
- (e) if so, the details thereof and, if not, the reasons therefor?

**ANSWER**

THE MINISTER OF STEEL

(SHRI RAM CHANDRA PRASAD SINGH)

(a)&(b): Presently, a very marginal amount of plastic wastes are being used in the steel plants. This is on account of the following:-

- (i) Plastic Waste cannot be recycled directly as it contains many impurities like dust, ash, metals, water etc., which needs to be removed before it can be processed further.
- (ii) All types of plastic wastes cannot be used due to the presence of harmful elements such as Sulphur and Chlorine.
- (iii) Challenges in collection and segregation of the right type of plastic wastes suitable for the steel sector.
- (iv) Requirement of extensive pre-treatment for changing the shape & size of the plastic wastes for effective utilisation in the iron & steel making processes.

(c)to(e): Use of plastic wastes in Coke Ovens, Blast Furnace and Electric Arc Furnace has already been established. Steel industry is a deregulated industry and steel companies make their own decisions on use of input materials based on techno-economic considerations. Accordingly, Ministry of Steel has not provided any monetary support to steel companies for using plastic wastes in steel production.

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