

LOK SABHA
UNSTARRED QUESTION NO.3608
FOR ANSWER ON 16/03/2020

DEMAND OF STEEL AND CARBON DIOXIDE EMISSION

3608. SHRI A. RAJA:
SHRI INDRA HANG SUBBA:

Will the Minister of STEEL be pleased to state:

- (a) the details of the steel demand within the country during the last three years and the current year, year-wise;
- (b) whether it has been increasing annually and if so, the details thereof;
- (c) whether the country's demand is likely to be increased more than quadruple from around 111 million tonnes to 489 million tonnes and if so, the steps taken/being taken by the Government to meet the increasing demand;
- (d) whether as per the report of World Sustainable Development Summit the CO2 emissions from India's steel sector could increase up to 837 million tonnes (MT) by 2050 and if so, the details thereof; and
- (e) the measures taken by the Government to keep the sector competitive while reducing its environmental impacts by way of deployment of low carbon and energy efficient technologies ?

ANSWER

THE MINISTER OF STEEL

(SHRI DHARMENDRA PRADHAN)

(a)&(b): The quantity of finished steel consumption during last three years and current year (i.e. April, 2019 – January, 2020) (Provisional) alongwith percentage change, indicating a growth in consumption during the said period is as under:-

Period	Total Finished Steel Consumption (alloy / stainless + non-alloy)	
	Quantity (Million Ton)	% Change
2016-17	84.04	3.1
2017-18	90.71	7.9
2018-19	98.71	8.8
April, 2019-January, 2020*	83.90	3.8

Source: Joint Plant Committee (JPC); *Provisional

(c) It is expected that at the current rate of GDP growth, the steel demand will grow around threefold to reach a demand of 230 Million Ton by 2030-31 as projected in the National Steel Policy 2017. Government has brought Domestically Manufactured Iron & Steel Products Procurement (DMI&SP) Policy, Steel Scrap Policy, Steel Import Monitoring System (SIMS) alongwith Government's push for better infrastructure such as railways, roads, 'Housing for All by 2022', piped water to every household etc. to enhance steel demand. To meet increasing demand, market mechanism will operate in the deregulated steel sector.

(d) The basis of estimation of CO2 emission of 837 MTPA by 2050 is not available with the Government.

(e) Steel industry is a deregulated sector and the role of the Government is that of a facilitator. The decision regarding introduction of world class latest technologies are essentially taken by the respective iron and steel companies based on techno-economic considerations. Ministry of Steel is actively promoting R&D in environment friendly technologies for steel making.
