

**GOVERNMENT OF INDIA
STEEL
LOK SABHA**

UNSTARRED QUESTION NO:3395
ANSWERED ON:15.05.2006
ALLOY STEEL PLANT
Bose Shri Subrata

Will the Minister of STEEL be pleased to state:

- (a) whether Alloy Steel Plant, Durgapur, West Bengal has successfully developed special stainless steel for prestigious international scientific project 'cosmic evaluation';
- (b) if so, the details thereof;
- (c) whether there has been a considerable improvement in production of liquid steel and saleable steel by the plant;
- (d) if so, the details thereof;
- (e) whether the Government has decided to upgrade/augment production and strengthen the infrastructure development in Alloy Steel Plant, Durgapur; and
- (f) if so, the details of action taken in this regard?

Answer

MINISTER OF STATE IN THE MINISTRY OF STEEL (DR. AKHILESH DAS)

(a) Yes, Sir.

(b) Alloy Steel Plant (ASP) in active synergy with Saha Institute of Nuclear Physics, Kolkata, has developed a special large scale stainless steel conical assembly made of low magnetic permeability stainless steel. The component is made of American Iron Steel Institute (AISI)- 304L. The slab was cast at ASP's continuous casting shop into size 70mmx128mmx2800mm.

(c) There has been significant improvement in production of liquid steel and saleable steel during last five years. However there was marginal decline in the production during the year 2005-06 due to break down of transformer for Electric Arc Furnace No. 5.

(d) Details of production of Liquid steel and Saleable steel are given below:-

ITEM	UNIT	2001-02	2002-03	2003-04	2004-05	2005-06
Liquid Steel	Tonne	101043	116884	149631	158024	148098
Saleable Steel	Tonne	84335	99018	113356	128452	125150

(e) Yes, Sir

(f) Different sustenance schemes have already been implemented to improve volume of production and quality of steel. For economic and cost competitive stainless steel production, the following major projects are under execution:

- i) Installation of Argon Oxidation Decarburization (AOD) unit. Estimated cost = Rs.42.0 Crore.
ii) Revival of Electric Arc Furnace No.4. Estimated cost = Rs.12 Crore.

iii) Oxygen Plant capacity 100T per day on Build Own and Operate (BOO) basis.

To ensure long term viability and sustainability, Corporate Plan 2012 has been prepared by SAIL, in which an investment of approx. Rs.460 Crore is proposed to be made in various schemes.