

LOK SABHA
UNSTARRED QUESTION NO.2112
FOR ANSWER ON 24/12/2018

PRODUCTION OF HIGH NITROGEN STEEL

2112. SHRI B. SENGUTTUVAN:

Will the Minister of STEEL be pleased to state:

- (a) whether the country is producing sufficient quantity of High-Nitrogen Steel (HNS) through public or any private sector steel companies to supply to the Defence Research and Development Organisation (DRDO) to manufacture sophisticated arms and ammunitions and thereby replace the import of rolled homogenous armour and if so, the details thereof;
- (b) whether such an armour application of HNS has taken off in the country as part of the Prime Minister's Make in India Initiative and if so, the details thereof; and
- (c) whether the HNS has the potential for use in all armour applications to be used in Infantry Combat Vehicle (ICV), Light Speciality Vehicle (LSV), Light Armoured Multi-Purpose Vehicle (LAMV), Futuristic Infantry Combat Vehicle (FICV), Main Battle Tank (MBT), Future Ready Combat Vehicle (FRCV), aviation and naval systems etc., if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR STEEL

(SHRI VISHNU DEO SAI)

(a)to(c): As per the available the information, MIDHANI is having production capacity to manufacture High-Nitrogen Steel (HNS) for armour applications. This steel is planned to be produced in commercial scale as part of transfer of technology from Defence Metallurgical Research Laboratory (DMRL). They have claimed that HNS is having better ballistic performance compared to the rolled homogenous armour steel.
