

**GOVERNMENT OF INDIA
DEFENCE
LOK SABHA**

UNSTARRED QUESTION NO:3137
ANSWERED ON:11.05.2006
DEFENCE PRODUCTION UNITS
Sugavanam Shri E.G.

Will the Minister of DEFENCE be pleased to state:

- (a) the names of places in the country where defence production units are located, State-wise;
- (b) the details of products produced by these production units during each of the last three years;
- (c) whether the Government proposes to set up more defence production units in the country particularly in Tamil Nadu;
- (d) if so, the details thereof; and
- (e) the time by which those units are likely to be set up?

Answer

MINISTER OF STATE FOR DEFENCE PRODUCTION (RAO INDERJIT SINGH)

- (a) & (b): A statement indicating the State-wise location of Defence production units and products produced by these units is enclosed.
- (c) No, Sir.
- (d) & (e): Do not arise.

STATEMENT REFERRED TO IN THE REPLY GIVEN IN PARTS (a) & (b) OF LOK SABHA UNSTARRED QUESTION NO. 3137 FOR ANSWER ON 11.5.2006

STATE-WISE LOCATION OF DEFENCE PRODUCTION UNITS & PRODUCTS:

Ordnance Factories

Name of State Name of Ordnance Factory Location Products

Maharashtra (10)

Ammunition Factory Khirkee, Pune 5.56 mm Ammunition, Bombs, Grenades, Cartridges for others Small Arms, Medium Calibre Ammunitions.

High Explosive Factory Pune TNT, HNS , Tetryl (CE), IPN, RFNA, `G`Fuel, `O` Fuel, Initiatory Explosives, Acids and Chemicals etc.

Ordnance Factory Chandrapur Tank Gun Ammunition, Mortar Ammn., Anti-Tank and Anti-Personnel Mines, Rockets, Missiles War-Heads etc.

Ordnance Factory Varangaon Cartridges, viz, 7.62 mm Nato Ball M-80 Tracer M-62, 5.56 mm

Ammunition.

Ordnance Factory Bhandara Single Base Propellant, Nitro-guanadine, Guanadine Nitrate, Hexamine, Acids, RDX compounds, PETN, Rocket Propellants, Nitro-Glycerine, Nitro-cellulose, Commercial Explosive etc.

Ordnance Factory Dehu Road Various Pyrotechnic compositions, Bombs, Shells Cartridge-Illuminating and Smoke, Cartridges Signal, Flare Trip wire etc

Ordnance Factory Ambajhari, Nagpur Ammunition Hardware (Shells, Fuzes and cartridges. Cases) for various Ammunitions including 130 mm and 155 mm. Also light metal Floating Bridge, Extruded Al. Rods/ Sections, Pressure and Die-Cast Components etc.

Ordnance Factory Ambarnath Brass and Gilding Metal cups of various Calibres for Small Arms and Ammunition Thin Gauge non-ferrous Strips, Medium and Heavy Calibre Cartridge Cases. Low and High Tensile Aluminum Alloy, Extruded sections.

Machine Tool Prototype Fy. Ambarnath Design, Developments and Manufacture of special purpose machine tools and equipment, components and sub-assemblies for Armoured and Transport vehicle and weapons spares.

Ordnance Factory Bhusawal Drums, Barrels, Ammunition Boxes, Boxes for shells, Ammunition cylinders & Tin Containers, Fuel tanks.

Uttar Pradesh (08)

Ordnance Factory Muradnagar Plain carbon and alloy steel castings for Tanks, Empty Bodies of various ammunition, Hot Die Tool, Steel forgings.

Ordnance Factory Kanpur Medium & High Calibre Guns, Mortars Bomb bodies, Shell Emptyies, High velocity Kinetic Energy Shots.

Small Arms Factory Kanpur 5.56 mm LMG, LMG 7.62 mm, MAG 7.62 mm, .50` Rifle Sporting, 51mm Mortar, .32` Revolver, 20 L Steel Jerricans, 9mm Carbine.

Field Gun Factory Kanpur High Calibre Ordnance & Spare
Barrels, .32` Revolver.

Ordnance Equipment Factory Kanpur Leather Items, Textile Items,
Engineering Equipments including
Mountaineering Items.

Ordnance Parachute Factory Kanpur All types of Parachutes viz.
Brake Parachute, Supply Dropping
& Man Dropping Parachutes, Tent,
Clothing & Rubberised Items like
Floats for Bridges & Inflatable
Boats.

Ordnance Equipment Factory Hazratpur Tents, Mosquito Nets & other
Clothing Items.

Ordnance Clothing Factory Shahjahanpur All Combat Clothing,
Mountaineering Extreme Cold
Clothing, Textile & Tentage
Items.

Tamilnadu (06)

Cordite Factory Aruvankadu Various Double Base/Triple Base
Propellants, Celluloid Products,
Nitro Cellulose, Nitro
Glycerine, Acids, Acetone,
Paints etc.

Heavy Alloy Penetrator Project Triruchirapally Empty Shots for Kinetic Energy
Ammn. of various calibres (105
mm, 120 mm, 125 mm).

Ordnance Factory Trichy 7.62mm Rifle, 12.7 AD Gun &
Spares, 30mm Cannon for BMP II,
14.5 mm Sub-Calibre Device for
T-72 Tank, 23 mm Ghasha Twin
Barrel Gun for MIG.

Heavy Vehicles Factory Avadi Battle Tanks Viz. Ajeya T-72,
Combat Improved Ajeya, Variants,
Tank Spares & Overhaul of T-72.

Engine Factory Avadi Engines for Battle Tanks and ICV,
Overhaul of Engines.

Ordnance Clothing Factory Avadi All Combat Clothing & Parade
Garments, Parachutes, Tents, DLD
covers, Vest etc.

Madhya Pradesh (06)

Ordnance Factory Khamaria Small Arms Ammunition, Anti Aircraft Ammunition Heavy Calibre Anti-Tank Ammunition, Bombs, Mines, Ammunition for Air force and Navy.

Ordnance Factory Itarsi Double and Triple Base propellants, Small Arms propellant, Acids Nitric and Sulphuric, Nitrocellulose, Nitroglycerine, Picrite etc.

Ordnance Factory Katni Non-Ferrous Rolled & Extruded sections, Cups for Small Arms Ammunitions, Diecast components, Heavy Calibre Cartridges Cases.

Gun Carriage Factory Jabalpur T-72 Tank Gun Recoil System, Carriages for Artillery Guns, Anti-Aircraft Gun, Tank Gun Mounting, 81 mm Mortar, 51mm Mortar, 12 Bore Pump Action Gun, Cluster Bomb Gas system assy., 73mm Smooth Bore Barrel Assy., Ski Runners & various Ammunition Packages.

Vehicle Factory Jabalpur Army Transport Vehicles and variants, Civil Jonga, Spares Engines and others spares.

Grey Iron Foundry Jabalpur Automobile Casting of Grey & Malleable Iron for Vehicles & other applications.

West Bengal(04)

Metal & Steel Factory Ishapore Various Ferrous and Non ferrous castings & extrusion, component & other stores including Cartridges Cases and shell forgings, Light/Medium/Heavy Steel Forgings including Gun Barrel Forgings.

Rifle Factory Ishapore 5.56 INSAS Rifle, Pistol 9mm Auto, .315` Sporting Rifle, .22` Sporting Rifle.

Gun & Shell Factory Cossipore Medium Calibre Guns, Shells & Fuzes, 12 Bore DBBL Shot Gun, .32` Pistol, 84 mm Rocket Launcher.

Ordnance Factory Dum Dum Various Precision Machined & Fabricated Items for Army, Navy & Airforce including Retarder Tail Units for Bombs.

Uttaranchal(02)

Ordnance Factory Dehradun Sighting & Fire control instruments for Tanks, Fire control instruments for Guns & Mortars, Range finder, Binoculars, Compasses, Air field Lighting Equipment, Night Vision Instruments.

Opto Electronics Factory Dehradun Precision Opto Mechanical/Electronic instruments for sighting and fire control of T-72 & Infantry combat vehicles, Laser Range Finder.

Orissa (01)

Ordnance Factory Bolangir Tank Gun Ammunition, Bar Mine, 30 mm Ammunition, 155 mm Ammunition.

Andhra Pradesh (01)

Ordnance Factory Medak Infantry Combat Vehicle Sarath, Variants, Bullet Proofing of Cars & Spares for ICV.

Chandigarh (01)

Ordnance Cable Factory Chandigarh Field Telephone cable, Carrier Quad cable, 20 Conductor cable, 3KV Air Field Lighting cable, Beta light devices, various steel wire.

Defence Public Sector Undertakings (DPSUs)

Name of State Name of PSUs Location Products

Andhra Pradesh Bharat Dynamics Ltd. Kanchanbagh, Hyderabad Antitank Guided Missiles, Strategic Missiles Ground Support Equipment, Underwater Weapon Bhanur, Medak Systems, Pistols, Simulators and Tow Body.

Bharat Electronics Ltd. Hyderabad Electronic Warfare Equipment. Machilipatnam Night Vision Devices, Thermal Imagers and Surgical Microscopes.

Hindustan Aeronautics Ltd. Hyderabad Manufacture of Avionics equipment

(Communication, Navigation and Radars).

Mishra Dhatu Nigam Ltd. Hyderabad 1. Nickel-Based, Cobalt-Based, Iron-Based Superalloys.
2. Special purpose steels like maraging steels, armament steels, nuclear grade steels, Special Stainless Steels.
3. Titanium and Titanium alloys.
4. Electrical & Electronics Alloys.
5. Other special products including Molybdenum, Weld Consumables and Titanium Tubes.

Karnataka

Bharat Electronics Ltd. Bangalore Military Communication and Electronic Warfare Systems, Radars & Sonars, Network Centric Systems, Simulators, Sound & Vision Broadcast Equipment, Electron Tubes, Semiconductor, Devices, Passive Components, Solar Cells, Solar Products and Solar Systems.

Bharat Earth Movers Limited Bangalore Bull Dozers, Dump Trucks, Motor Kolar Gold Fields Graders, Excavators, Rope Mysore Shovels, Walking Draglines, Loaders, Tatra Trucks, Recovery Vehicles, Mine Ploughs, Air Craft Subsidiary Steel Foundry Tarikere Towing Tractors, Crash Fire of Bharat Earth Movers Tenders, Rail Coaches, AC EMUs, Limited Metro Rail Coaches, Wagon, Engines and Hydraulic / Transmission Aggregates.

Karnataka

Hindustan Aeronautics Ltd. Bangalore Aircraft : Jaguar, Pilotless Target Aircraft (Lakshya). Helicopters: Cheetah, Chetak, Lancer and ALH (DHRUV). Engines: Adour, Garrett, Artouste and LM 2500 (Industrial & Marine Engine) Aerospace: Structures for Satellites and Launch Vehicles (INSAT IRS PSLV, GSLV, LP Engines). Castings Forgings, Rolled rings & rubber items.

Overhaul: Aircraft/helicopter, Mirage, Jaguar, Kiran, Cheetah and Chetak. Engines: Adour/Garrett, Artouste, Dart, Gnome, Orpheus, Avon, Lycoming, Allison 501K, LM-2500 and Industrial Avon engines.

Uttar Pradesh

Bharat Electronics Ltd. Ghaziabad Radars & Microwave Communication Equipment, Antenna.

Hindustan Aeronautics Ltd. Kanpur Manufacture of : Donier DO-228 aircraft.
Overhaul of : DO-228, HPT-32,
HS-748, AN-32.

Hindustan Aeronautics Ltd. Lucknow Manufacture of accessories for aircraft & helicopter
(Mechanical, Hydraulic, Electrical, Flight control, Fuel and Pneumatic equipment and instruments).

Hindustan Aeronautics Ltd. Korwa Advanced Avionics Systems for aircraft.

Haryana

Bharat Electronics Ltd. Panchkula Tactical Communication Equipment.

Uttaranchal

Bharat Electronics Ltd. Kotdwara Telecom & Switching Products for Civil and Defence Communication Equipment for Defence.

Maharashtra

Bharat Electronics Ltd. Navi Mumbai Hydraulics for Stabilisers, Shelters, Mast, Flycatcher Antenna System, Solar Products.

Bharat Electronics Ltd. Pune Batteries, X-Ray Tubes, Electro Optics, Laser Range Finders & Target Designators.

Mazagon Dock Limited Mumbai Warships and Submarines.

Hindustan Aeronautics Ltd. Nasik Manufacture of SU-30 MKI aircraft.
Overhaul of: MiG-21 Series and MiG-27M aircraft.

Tamil Nadu

Bharat Electronics Ltd. Chennai Tank Electronics, Stabiliser
Drives, Advanced Land Navigation
Systems, Integrated Fire Control
Systems, Gun Upgrades.

West Bengal

Garden Reach Shipbuilders Kolkata Ship`s Hull & superstructure and
& Engg. Ltd. Pumps, Ships Outfitting, Bailey
Bridges, Deck machinery items
for fitment on ships.

Hindustan Aeronautics Ltd. Barrackpore Overhaul of Cheetah and Chetak
helicopters.

Jharkhand

Garden Reach Shipbuilders Ranchi Diesel Engines.
& Engg. Ltd.

Goa

Goa Shipyard Ltd. Vaso-da-Gama Extra Fast Attack Crafts,
Advanced Offshore Patrol Vessel,
Survival at Sea Training Facility
for ONGC, Fast Patrol Vessels.

Orissa

Hindustan Aeronautics Ltd. Koraput Manufacture of : R-25 and AL-31
FP engines.
Overhaul of : R-11, R-25, R-29B
and RD-33 engines.