

## INDIAN GOVERNMENT ENTITIES INVOLVED IN NUCLEAR OR MISSILE ACTIVITIES

Atomic Energy Commission (ARC), Mumbai (formerly Bombay) and subordinate entities specifically listed in this Supplement  
Atomic Energy Regulatory Board (AERB), Mumbai (formerly Bombay)  
Central Manufacturing Technology Institute (aka Central Machine Tool Institute), Bangalore  
Centre for Development of Advanced Computing, Pune  
Defence Research and Development Organization (DRDO), New Delhi and subordinate entities specifically listed in this Supplement  
    Aerial Delivery Research and Development Establishment (ADRDE), Agra  
    Aeronautical Development Agency, Bangalore  
    Aeronautical Development Establishment (ADE), Bangalore  
    Armament Research and Development Establishment (ARDE), Pune  
    Centre for Aeronautical Systems Studies and Analysis (CASSA), Bangalore  
    Combat Vehicle Research and Development Establishment (CVRDE), Chennai/Madras  
    Defence Bio-engineering and Electro-medical Laboratory (DEBEL), Bangalore  
    Defence Electronics Applications Laboratory (DEAL), Dehra Dun  
    Defence Electronics Research Laboratory (DERL or DLRL), Hyderabad  
    Defence Food Research Laboratory (DFRL), Mysore  
    Defence Institute of Fire Research (DIFR), Delhi  
    Defence Institute of Physiology and Allied Sciences (DIPAS), Delhi  
    Defence Institute of Psychological Research (DIPR), New Delhi  
    Defence Institute of Workstudy (DIWS), Mussoorie  
    Defence Laboratory (DL), Jodhpur  
    Defence Materials and Store Research and Development Establishment (DMSRDE), Kanpur  
    Defence Metallurgical Research Laboratory (DMRL), Hyderabad  
    Defence Research and Development Establishment (DRDE), Gwalior  
    Defence Research and Development Laboratory (DRDL), Hyderabad  
        The Missile Research and Development Complex, Imarat, Hyderabad  
    Defence Research and Development Unit (DRDU), Calcutta  
    Defence Research Laboratory (DRL), Tezpur  
    Defence Science Centre (DSC), New Delhi  
    Defence Terrain Research Laboratory (DTRL), New Delhi  
    Electronics and Radar Development Establishment (ERDE or LRDE), Bangalore  
    Explosive Research and Development Laboratory (ERDL), Pune  
    Gas Turbine Research Establishment (GTRE), Bangalore

Institute of Armament Technology (IAT), Pune  
Institute for Systems Studies and Analyses (ISSA), Delhi  
Instruments Research and Development Establishment (IRDE), Dehra Dun  
National Test Range, Baliabad  
Naval Chemical and Metallurgical Laboratory (NCML), Mumbai (formerly Bombay)  
Naval Physical and Oceanographic Laboratory (NPOL), Cochin  
Naval Science and Technological Laboratory (NSTL), Vishakhapatnam  
Nuclear Science Centre (NSC), New Delhi  
Proof and Experimental Establishment, Chandipore  
Research and Development Establishment (Engineers) (R&DE (ENGRS)), Pune  
Scientific Analysis Group (SAG), New Delhi  
Solid State Physics Laboratory (SSPL), New Delhi  
Terminal Ballistics Research Laboratory (TBRL), Chandigarh  
Vehicles Research and Development Establishment, Ahmednagar  
Department of Atomic Energy (DAE), Mumbai (formerly Bombay) and subordinate entities specifically listed in this Supplement  
Advanced Fuel Fabrication Facility, Tarapur  
The Atomic Minerals Division (AMD), Hyderabad  
Beryllium Machining Facility, Mumbai/Bombay (also part of the Department of Space, Indian Space Research Organisation)  
Bhabha Atomic Research Centre (BARC), Trombay, Mumbai (formerly Bombay)  
    Aspara Research Reactor, Trombay (suburban city of Mumbai (formerly Bombay))  
    Boron Enrichment Plant, Trombay (suburban city of Mumbai (formerly Bombay))  
    Central Workshops, Trombay (suburban city of Mumbai (formerly Bombay))  
    Centre for the Compositional Characterization of Materials, Hyderabad  
    Cirus Reactor, Mumbai (formerly Bombay)  
    Dhruva Reactor, Mumbai (formerly Bombay)  
    Plutonium Reprocessing Plant (a.k.a. Trombay Reprocessing Plant), Trombay (suburban city of Mumbai (formerly Bombay))  
    PREFRE Reprocessing Plant, Tarapur  
    Purnima Facility, Trombay (suburban city of Mumbai (formerly Bombay))  
    Uranium Conversion Plant, Trombay (suburban city of Mumbai (formerly Bombay))  
    Uranium Enrichment Plant, Trombay (suburban city of Mumbai (formerly Bombay))  
Board of Radiation and Isotope Technology (BRIT), Mumbai (formerly Bombay)  
The Centre for Advanced Technology (CAT), Indore  
Directorate of Purchase and Stores (DPS), Mumbai (formerly Bombay)  
    Construction Services and Estate Management Group, Mumbai (formerly Bombay)

General Services Organization, Kalpakkam  
Heavy Water Board, Mumbai (formerly Bombay)  
Production Facilities: Baroda, Hazira, Kota, Manuguru, Nangal, Talcher, Thal-Vaishet in Maharashtra, Tuticorin  
Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam  
Fast Breeder Test Reactor (FBTR), Kalpakkam  
Fast Reactor Fuel Reprocessing Plant (FRFRP), Kalpakkam  
Kalpakkam Reprocessing Plant (KARP) (a.k.a. Kalpakkam Fuel Reprocessing Plant), Kalpakkam  
Kamini Research Reactor, Kalpakkam  
Prototype Fast Breeder Reactor (PFBR), Kalpakkam  
Institute of Mathematical Sciences, Chennai/Madras  
Institute of Physics, Bhubaneswar  
Interuniversity Consortium of DAE Facilities, Calcutta, Indore, Mumbai (formerly Bombay)  
Mehta Research Institute of Maths and Math Physics, Allahabad  
Nuclear Fuel Complex (NFC), Hyderabad  
Ceramic Fuels Fabrication Plant, Hyderabad  
New Zirconium Sponge Plant, Hyderabad  
Special Materials Plant, Hyderabad  
Uranium Fuel Assembly Plant, Hyderabad  
Zirconium Fabrication Plant, Hyderabad  
Saha Institute of Nuclear Physics, Calcutta  
Tata Institute of Fundamental Research, Mumbai (formerly Bombay)  
The Variable Energy Cyclotron Centre (VECC), Calcutta  
Department of Space, Bangalore and subordinate entities specifically listed in this Supplement  
Indian Space Research Organization (ISRO), Bangalore  
Ammonium Perchlorate Experimental Plant, Alwaye  
Beryllium Machining Facility, Mumbai/Bombay (also part of the Department of Atomic Energy)  
ISRO Inertial Systems Unit (IISU), Thiruvananthapuram  
Interim Test Range (ITR) (a.k.a. Meteorological Rocket Station), Balasore  
Liquid Propulsion Systems Centre, Thiruvananthapuram, Bangalore, Valiamala  
Liquid Propulsion Test Facility, Mahendragiri  
Space Applications Centre (SAC), Ahmadabad  
Sriharikota Space Centre (SHAR), Andhra Pradesh  
Solid Propellant Space Booster Plant (SPROB)  
Thumba Equatorial Rocket Launching Station

Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram  
Space Physics Laboratory (SPL), Thiruvananthapuram  
Physical Research Laboratory (PRL), Ahmadabad

Indian Institute of Science (IIS):

Only the Departments of Aerospace Engineering, and Space Technology Cell at Bangalore Campus

Indian Institute of Technology (IIT):

Only the Departments of Physics, Aerospace Engineering, and Space Technology Cell at Mumbai (formerly Bombay) Campus

Only the Departments of Aerospace Engineering, and Space Technology Cell at Chennai/Madras Campus

National Aerospace Laboratory, Bangalore

National Transonic Aerodynamic Facility, Bangalore

## **PAKISTANI GOVERNMENT ENTITIES INVOLVED IN NUCLEAR OR MISSILE ACTIVITIES**

Defence Science and Technology Organization, (DESTO), Rawalpindi and subordinate entities specifically listed in this Supplement

Ghulam Ishaq Khan Institute of Technology, Topai

Golra Ultracentrifuge Plant, Golra

Khan Research Laboratories (a.k.a. Abdul Qader Khan Research Laboratories and Engineering Research Laboratories), Kahuta

Pakistan Atomic Energy Commission (PAEC), Islamabad and subordinate entities specifically listed in this Supplement

Atomic Energy Minerals Centre, Lahore

Baghalchur Uranium Mine, Baghalchur

Center for Nuclear Studies, Islamabad (also part of the Pakistan Institute for Nuclear Science And Technology)

Chasma Nuclear Power Plant (CHASNUPP), Kundian

Chasma Fuel Fabrication Plant, Kundian

National Engineering Service of Pakistan, Kundian

Computer Training Center, Islamabad (also part of the Pakistan Institute for Nuclear Science And Technology)

Dera Ghazi Khan Uranium Mine, Dera Ghazi Khan

Directorate of Technical Development

Directorate of Technical Equipment

Directorate of Technical Procurement

Hard Rock Division, Peshawar

Hawkes Bay Depot

Institute of Nuclear Power, Islamabad

Issa Khel/Kubul Kel Uranium Mines and Mills, Miniawali District

Karachi Nuclear Power Plant (KANUPP), Karachi  
Heavy Water Production Plant  
KANUPP Institute of Nuclear Power Engineering, Karachi  
Computer and Development Division  
Khushab Reactor, Khushab, Punjab  
Mineral Sands Program, Karachi  
Multan Heavy Water Production Facility, Multan Division, Punjab  
Science and Engineering Services Directorate  
Uranium Conversion Facility, Islamabad

Pakistan Institute for Nuclear Science and Technology (PINSTECH), Islamabad  
Center for Nuclear Studies (also part of the Pakistan Atomic Energy Commission), Islamabad  
Computer Training Center (also part of the Pakistan Atomic Energy Commission), Islamabad  
New Laboratories, Rawalpindi  
Nuclear Track Detection Center (a.k.a. Solid State Nuclear Trade Detection Center)  
Parr-1 and Parr-2 Research Reactors  
Pilot Reprocessing Plant

National Development Centre  
Pakistan Ordnance Factories  
Wah Munitions Plant

People's Steel Mills, Karachi  
Sihala Ultracentrifuge Plant, Sihala

Space and Upper Atmospheric Research Commission (SUPARCO) and subordinate entities specifically listed in this Supplier  
Aerospace Institute, Islamabad  
Computer Center, Karachi  
Control System Laboratories  
Flight Test Range, Sonmiani Beach  
Instrumentation Laboratories, Karachi  
Material Research Division  
Quality Control and Assurance Unit  
Rocket Bodies Manufacturing Unit  
Solid Composite Propellant Unit  
Space and Atmospheric Research Center, Karachi  
Static Test Unit, Karachi

Space Research Council and subordinate entities specifically listed in this Supplement