

JNPT becomes First Major port to equip Radiological Detection System at all Gates

Navi Mumbai: Jawaharlal Nehru Port Trust (JNPT), India's No1 Container Port that handles more than 55% of total container traffic of all major ports, has advanced to become the first Major port to equip Radiological Detection System at all its Port gates – North, Central & South- in order to detect presence of any special nuclear material in containers passing through these gates. This system has been placed in view of detecting radiological elements in the containers passing through roads & rail gates. Installation of such devices in main areas would give an added lease of life to the major importers in the region of Aurangabad, Jalna, Wardha and others who import huge volume of scraps and raw metals to make finished goods.

With this installation, JNPT has successfully complied with the directives of the Govt of India to enable Radioactive Detection System for Port Security and has fully equipped itself to handle 100% secure in handling radioactive materials in all kinds of cargo, as per the international safety standards.

A total of 28 Vehicle Monitoring System (VMS) has been installed at various locations, from where import containers are entering, for the purpose of radiological detection in the containers carrying various unshredded scraps and metallic waste. With the help of VMS, containers can detect the presence of radiological materials through specialized detecting characteristics in the system. In addition to this, JNPT has also installed 2 LIMB monitors for pedestrian traffic. Additionally, the system uses Portable Gazettes and monitors for detecting/identifying the radioactive source.

Shri Anil Diggikar, Chairman, JNPT, said, "This step towards National security has always been our priority in enabling right technology at right place to establish not only a safe and secure ecosystem but also to provide modern services to EXIM trade."

These hi-tech detection devices will provide a passive, non-intrusive means to screen containers and pedestrians for the presence of nuclear and radioactive materials. These equipment alert security personnel by means of audio/visual alarms locally and remotely. These equipments are connected to centrally located control room to monitor and maintain the history of the events. Electronics Corporation of India Limited (ECIL) has made these equipments and handed over to JNPT for further installation to fulfill Port security and has already trained the CISF persons on this equipment and provided the operating procedures for the same to stabilize this process.

