

Quality standards for drones and EVs in works, says Piyush Goyal



ANI

Union Minister Piyush Goyal

Synopsis

"New areas where we are looking at standards are areas like drones...Similarly we are working on standards for EVs and the charging infra of EVs," Goyal said, adding that all standards are made after a detailed consultations with industry.

The government is working to develop mandatory **quality standards** for **drones** and **electric vehicles** (EVs), commerce and industry minister **Piyush Goyal** said on Wednesday. Work is also underway for developing quality control orders (QCOs) for charging infrastructure of EVs.

"New areas where we are looking at standards are areas like drones...Similarly we are working on standards for EVs and the charging infra of EVs," Goyal said, adding that all standards are made after a detailed consultations with industry.

Goyal said the government is still working on standards for battery

swapping and it would take time as there are some concerns in the industry.

Standards for unmanned aerial vehicles (UAVs), or drones, for agricultural purposes are being developed and now work is on for UAV to be used for general requirements, and testing requirements of sub-systems and cybersecurity. Survey using drones will help in boosting crop yields and also reduce the associated time and expenses through oil analysis, irrigation, crop mapping and pest management.

Similarly, standards are being developed for specific requirements for electric power train and rechargeable electrical energy storage system for certain categories of vehicles, electric rickshaw and type approval of hybrid electric vehicles.

Pramod Kumar Tiwari, director general of Bureau of Indian Standards (BIS), said several standards for batteries have developed and they are working on battery swapping. "We expect that in about three months, we would be able to develop those," he said. Tiwari also said the standard on UAV for general requirements, testing requirements of sub-systems and cybersecurity is under development.