

Wed, 25 March 2020

Discussions with DRDO on making indigenous ventilators: Health Ministry

New Delhi: Union Health and Family Welfare Ministry on Tuesday said that discussions have been held with the research-related organisations on making available indigenous ventilators which are needed in hospitals in the treatment of COVID19 patients.

Lav Agarwal, Joint Secretary, Health Ministry, said, "Today at a Cabinet Secretary-level meeting, DRDO, Bharat Electronics Limited and other main organisations of Government of India which are research-related were consulted as to how to promote our indigenous manufacturers so that sufficient ventilators can be provided to the country."

The government of India has prohibited the export of sanitizers and all ventilators including any artificial respiratory apparatus or oxygen therapy apparatus or any other breathing apparatus, falling under any ITCHS Code (Indian Trade Clarification based on Harmonized System), with immediate effect.

According to the data compiled by the Indian Council of Medical Research (ICMR), the total number of the infection-related death toll in the country rose to nine on Tuesday, while the total number of active cases reached 482.

Briefing media persons here today, Lav Agarwal, Joint Secretary, Health Ministry, said: "We have asked states to make dedicated COVID-19 hospitals."

He said that as per the information received so far, the work has started at the state level in Gujarat, Assam, Jharkhand, Rajasthan, Goa, Karnataka, Madhya Pradesh, and Jammu and Kashmir.

<https://www.aninews.in/news/national/general-news/discussions-with-drdo-on-making-indigenous-ventilators-health-ministry20200324183740>



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States need to begin placing orders for equipment needed to combat COVID19: Health Ministry

The Union Health and Family Welfare Ministry said on Tuesday that the states need to impose complete lockdown to break the chain of the spread of coronavirus and also start placing orders for equipment needed to combat against the virus

New Delhi: The Union Health and Family Welfare Ministry said on Tuesday that the states need to impose complete lockdown to break the chain of the spread of coronavirus and also start placing orders for equipment needed to combat against the virus. "The state governments have been ordered to place their requirements for equipment to combat coronavirus," said Aggarwal at a press conference here.

Briefing media persons here today, Lav Agarwal, Joint Secretary, Health Ministry, said: "We have asked states to make dedicated COVID-19 hospitals." He said that as per the information received so far, the work has started at the state level in Gujarat, Assam, Jharkhand, Rajasthan, Goa, Karnataka, Madhya Pradesh, and Jammu and Kashmir.

He also said that though most states and Union Territories have imposed a complete lockdown, "there are a few states where lockdown has been enforced partially." He also said, "The partial lockdown will not help the Central government's intention to break the chain of the spread of coronavirus."

Meanwhile, West Bengal, Himachal Pradesh, Maharashtra announced a complete lockdown on Sunday. "Today at a Cabinet Secretary-level meeting, DRDO, Bharat Electronics Limited and other main organisations of Government of India which are research-related were consulted as to how to promote our indigenous manufacturers so that sufficient ventilators can be provided to the country," said the Joint Secretary.

This discussion was held in the backdrop of the government prohibiting the export of sanitizers and all ventilators including any artificial respiratory apparatus or oxygen therapy apparatus or any other breathing apparatus, falling under any ITCHS Code (Indian Trade Clarification based on Harmonized System), with immediate effect. According to the data compiled by the Indian Council of Medical Research (ICMR), the total number of the infection-related death toll in the country rose to nine on Tuesday, while the total number of active cases reached 482. (ANI)

(This story has not been edited by Devdiscourse staff and is auto-generated from a syndicated feed.)

<https://www.devdiscourse.com/article/law-order/974740-states-need-to-begin-placing-orders-for-equipment-needed-to-combat-covid19-health-ministry>



DEFENCE AVIATION POST

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Wed, 25 March 2020

Chaffs and flares: Passive countermeasures to thwart missile attacks

A passive countermeasure system against incoming anti-aircraft missiles forms an important and effective part in an aircraft's arsenal. Similarly, warships to carry these last-minute support self-defence systems onboard as a standard fit.

These systems are also categorized in Electronic Warfare terms as expendable ECM (Electronic Counter Measure) to protect the platform. When Chaff and Flares are launched from the onboard Counter Measure Dispensing System (CMDS), these degrade the performance characteristics of adversaries weapon system and help safeguard own platform.

Indigenization Effort of CMDS

Defence Research and Development Organisation (DRDO) has taken up the task of indigenous development of chaff cartridges to bridge the technology gap in this field and evolve an import substitute for Defence. This becomes a critical requirement since Chaff is one of the most widely used expendable electronic countermeasure devices.

A need for more than hundred thousand Chaffs and flares exists in next five years, making indigenization an important factor. DRDO has reported that the checks and trials of indigenously developed Chaff cartridge system have been undertaken onboard a fighter jet by Indian Air Force's Aircraft and Systems Testing Establishment (ASTE) in 2018.



These checks include safe ejection of chaff from indigenous Chaff cartridge, envelope clearance trials in sub-sonic, super-sonic range and manoeuvrability test. Further checks are in progress in various configuration like Nose-on, sideways (beamforming) and tail-on configurations. For the airborne CMDS Bharat Dynamics Ltd.

<https://www.defenceaviationpost.com/2020/03/chaffs-and-flares-passive-countermeasures-to-thwart-missile-attacks/>