Gujarat Information Bureau

Government of Gujarat

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Press Release

:- Corona Warriors will get full protection shield: -

CM launches the country's first hot air seam sealing machine through video conference

Rajkot based MacPower CNC Machines has truly fulfilled Make in India, Make in Gujarat by developing this machine

Cost of this locally manufactured machine is 50% lower than same machines imported from China and Korea

Gandhinagar, May 11 : For the first time in the country, Gujarat has taken a new step of providing complete health protection to the real Corona Warriors like doctors-paramedics involved in the treatment of people infected with Corona virus.

Chief Minister Shri Vijaybhai Rupani launched India's first hot air seam sealing machine today from Gandhinagar through video conference. Machine makes the personal protective equipment PPE used for the protection of such doctors-paramedical staff completely secure with specialized tape.

Rajkot’s MacPower CNC has truly fulfilled "Make in India-Make in Gujarat" by manufacturing this hot air seam sealing machine in Rajkot-Gujarat under the inspiration and guidance of the Chief Minister.
The Chief Minister also lauded the initiative of protecting the PPE kits with hot air seam sealing tape, which provides 100% protection against the transmission of the virus to the doctors and health workers who are currently engaged in the treatment of Covid-19.

He said that this experiment will be a new landmark of Gujarat in the country in keeping the doctors-paramedical staff completely safe.

When such a PPE kit is ready, its sewing needle is about 2mm and thread is 0.5mm in size. As a result, if the infected patient's blood or fluid enters the kit through tiny holes left on the kit, the doctor-paramedical staff treating the infected patients may also be infected.

By using this machine the holes left in the sewing process in the PPE kit are sealed using specialised tape to make the PPE kit water and air proof to resist the virus.

It must be pointed out here that there is not enough availability of such hot air seam sealing machine in the country so it has to be imported from abroad. The cost of such a machine imported from China-Korea is also Rs. 7 to 8 lakhs and delivery time is 12-13 weeks.

In just a short span of 20 days, a team of 100 employees-workers have given Rajkot the pride of manufacturing the first hot air seam sealing machine in India with 80 per cent in-house parts.
With the guidance of the doctors of Indian Medical Association Rajkot branch, 200 such hot air seam sealing machines have been prepared in a very short time in the first batch.

On the occasion of launching this machine through video conference from Gandhinagar, District Collector Shri Remya Mohan from Rajkot Collectorate along with Managing Director of MacPower CNC Machines Ltd. Shri Rupesh Mehta, Dr. Mayank Thakkar, Dr. Chetan Lalsata, Dr. Tejas Karmata from IMA Rajkot also joined.