

## **Press Release**

### **Press Release for first WAG- 9HC Electric Locomotive manufactured by DMW Patiala**

Under 'Make in India' initiative, Diesel Loco Modernisation Works, Patiala has successfully manufactured its first state-of-the-art computer controlled 6000 HP 3-phase freight WAG-9HC locomotive no. 41501 and turned it out today on 24<sup>th</sup> March evening to East Central Railways, Gomoh this year.

The manufacturing of 3-phase Electric Locomotives is a major step towards saving traction energy cost and also cut down on carbon emissions because such locomotives are more energy efficient and regenerates electrical energy while braking by converting the kinetic energy into electrical energy and feed it back to the Railway OHE network for powering other nearby Electric Engines in Railway network.

The weight of this locomotive is 132 tonnes and has higher starting tractive effort of 510 kN. The maximum allowed speed of 100 Kmph under specified conditions of Railway Track. This locomotive is equipped with state of the art IGBT based energy efficient Power Converters as well as Auxiliary Converters. The crew cabins are fully air conditioned as both cabins are equipped with Roof Mounted Cab ACs. To enhance the haulage capacity, these locomotives can be used in multi operation also where two multi loco unit.

Shri S N Dubey, Principal Chief Administrative Officer/DMW Patiala applauded the efforts of the staff, supervisors and officers of DMW for manufacturing of this new locomotive despite of the challenging scenario of COVID-19 at work place.

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