## **GOVERNMENT OF INDIA**

# MINISTRY OF HOUSING AND URBAN AFFAIRS

# **LOK SABHA**

# **UNSTARRED QUESTION NO. 3378**

# **TO BE ANSWERED ON AUGUST 07, 2018**

## **METRO TRAINS OPERATIONS**

No. 3378. KUNWAR HARIBANSH SINGH:

SHRI BIDYUT BARAN MAHATO:

SHRI S.R. VIJAYAKUMAR:

SHRI GAJANAN KIRTIKAR:

**SHRI S. RAJENDRAN:** 

**SHRI SUDHEER GUPTA:** 

**SHRI ASHOK SHANKARRAO CHAVAN:** 

Will the Minister of HOUSING AND URBAN AFFAIRS be pleased to state:

- (a) whether the Government has introduced unattended metro train operations system in the country;
- (b) if so, the details thereof along with the special features of unattended metro trains;
- (c) the number of metro trains which run without drivers in the country along with the result thereof;
- (d) whether the Government has taken initiative for making energyefficient metro trains and their stations in the country and if so, the details thereof; and
- (e) the corrective measures taken/ being taken by the Government to ensure safety/security of the passengers in driver less trains?

# **ANSWER**

# THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF HOUSING & URBAN AFFAIRS (SHRI HARDEEP SINGH PURI)

(a): No, Madam.

(b)&(c): Do not arise.

(d): Yes, Madam. In metro trains, energy efficient systems such as regenerative braking, optimised train operation, mechanised opening and closing of doors to conserve energy etc. are used. Energy efficient green building features such as LED lighting, regenerative breaking in lifts, tapping of natural lighting etc. are being adopted at various metro rail stations.

(e): Does not arise in view of (a) above.

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