

**GOVERNMENT OF INDIA  
COMMUNICATIONS AND INFORMATION TECHNOLOGY  
LOK SABHA**

UNSTARRED QUESTION NO:282  
ANSWERED ON:20.10.2008  
RADIATION FROM MOBILE TOWERS  
Ahir Shri Hansraj Gangaram

**Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:**

- (a) whether a recent report of Telecom Engineering Centre of the Ministry of Communications and Information Technology has indicated that the radiation from the mobile towers are dangerous for human health;
- (b) if so, the research works undertaken to decrease the harmful radiation from these towers; and
- (c) the steps taken by the Government to shift these towers to safer places?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI JYOTIRADITYA M. SCINDIA)

(a) to (c) The Telecom Commission has approved the adoption of International Commission on Non-ionizing Radiation Protection (ICNIRP) guidelines, recommended by Telecommunications Engineering Centre (TEC) in the Telecommunication Sector in India regarding basic restriction and response levels for limiting Electro Magnetic Field exposures.

As per these guidelines, Epidemiological studies on exposed workers and the general public have shown no major health effects associated with typical exposure environments. The studies have yielded no convincing evidence that typical exposure levels lead to adverse reproductive outcomes or an increased cancer risk in exposed individuals.

The World Health Organization (WHO) fact sheet No. 304 of May, 2006 also states that the radiations from mobile base stations, phones and wireless networks are far below the permitted levels and also the research results collected to date, confirm that there is no convincing scientific evidence that the weak RF signals from base stations and wireless network cause adverse health effects. It is further mentioned that the report of the committee constituted as per the orders of Hon'ble High Court, Mumbai to study the effects of radiations from mobile phone towers and related aspects, under Director General, Indian Council of Medical Research (ICMR) indicates that 'overall there is not enough evidence to show direct health hazards of RF exposures from mobile base stations. As long as the level of electromagnetic radiations is within safety limits they are harmless.