

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1085
ANSWERED ON 10.02.2022

INDIGENOUS TECHNOLOGY TO CONTROL BOILER ACCIDENTS

1085 # SMT. GEETA ALIAS CHANDRAPRABHA:

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:-

- (a) whether it is a fact that there have been 23,000 boiler accidents due to vapor explosion in the world during the last ten years;
- (b) if so, whether Government is considering to develop any indigenous technology with an aim to predict and control the boiler accidents; and
- (c) the details thereof?

ANSWER

MINISTER OF STATE (INDEPENDENT CHARGE) OF THE
MINISTRY OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(DR. JITENDRA SINGH)

- (a) Yes, Sir. The following links show that more than 23,000 boiler accidents, leading to vapour explosion, did happen world over. India alone accounts for 34 deaths last year due to boiler explosion as stated by the Fellow at (b) in his proposal document.

https://reliabilityweb.com/articles/entry/where_do_failures_originate_sidebar_analysis_air_france_flight_447_cra1

<https://www.boilerlicense.com/the-importance-of-operating-procedures/>

- (b) & (c): Yes Sir. The Government has recently identified a project for funding at IIT-Patna. Under this project it is planned to perform a detailed study to understand the science behind such accidents.
