

## **CSIR-NEERI issues test reports, not QR codes for green firecrackers**

CSIR-NEERI has developed low-emission “Green Firecrackers” that reduce harmful emissions by 30–50% compared to conventional fireworks and do not contain banned chemicals like barium, lead, arsenic, or mercury. These eco-friendly firecrackers support the small and medium-scale firework industry, which employs around 1.5 crore people in India.

CSIR-NEERI provides formulations and test reports to registered firework manufacturers. As of 15 September 2025, 1,403 green firework manufacturers are registered, and the updated list is available on the CSIR-NEERI website.

CSIR-NEERI clarifies that it does not issue QR codes or scanning codes for green firecrackers. QR/Bar codes displayed on products are developed by manufacturers and verified by regulatory agencies such as PESO and CPCB. CSIR-NEERI's role is limited to issuing test reports and registration letters.

Under a public-private partnership, RACE (Raw materials, Compositions and Emissions) testing facilities at Nagpur and Sivakasi monitor emissions, raw material purity, and banned chemicals in fireworks. CSIR-NEERI continues research for further emission and noise reduction (<125 dBA).

This clarification is issued to inform the public, buyers, and media about the correct role of CSIR-NEERI in the certification of green firecrackers and to address misinformation regarding QR codes.