

Boiler operations digitalized to enhance industrial safety

UP State Bureau
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Uttar Pradesh has fully digitized all its boiler operation, inspection, and monitoring systems. This initiative aims to improve industrial safety, energy efficiency, and green technology integration. The move is designed to enhance transparency and efficiency, leading to safer and more sustainable industrial operations.

Currently, Uttar Pradesh has 3,037 operational boilers, ranking third nationally. These boilers are utilized across diverse industrial sectors,

including food processing, cement, chemicals, textiles, sugar, and power. Their safe and energy efficient functioning is crucial for productivity, worker safety, and environmental balance.

All services related to boilers have been made entirely online. This includes registration, renewal, construction, repair, and erection permissions. The digital portal also provides comprehensive listings of boiler manufacturers, erectors, and welders. This digitalization streamlines services for entrepreneurs, aiming to eliminate delays and



reduce the need for physical visits. Post inspection reports and compliance processes are now also completed digitally, minimizing potential for delays or confusion. The inspection logbook for new boilers is prepared online as well. Recently, the first

Initiative aims to reduce delays, boost transparency in industrial sector

National Industrial Boiler Green Conclave was organized in Lucknow. This event, a collaboration between environmental think tank iFOREST, the Department for Promotion of Industry and Internal Trade (DPIIT) under the Ministry of Commerce and Industry, and the Uttar Pradesh Labour Department, focused on promoting green boilers that util-

ize biomass, hydrogen, and other renewable sources.

The state is positioning itself to be a leader in the green energy transition. By prioritizing transparency, efficiency, and green energy in boiler management, the aim is to ensure smooth industrial operations while equipping industries with necessary safety measures, environmental sustainability, and modern technologies.

This digitized system benefits both large industries and small and medium enterprises (SMEs) by providing easier access to government services.

