

संख्या/No. P- 30023/46/2025-Boiler

भारत सरकार/GOVERNMENT OF INDIA
वाणिज्य और उद्योग मंत्रालय/MINISTRY OF COMMERCE AND INDUSTRY
(उद्योग संवर्धन और आंतरिक व्यापार विभाग)/
(DEPTT. FOR PROMOTION OF INDUSTRY AND INTERNAL TRADE)
(औद्योगिक सुरक्षा विंग)/INDUSTRIAL SAFETY WING
(बॉयलर अनुभाग)/(Boiler Section)

उद्योगभवन, नई दिल्ली 110011
UDYOG BHAWAN, NEW DELHI-110011
दिनांक/Dated the 27th November, 2025

To
All Chief Inspectors/Directors of Boilers
(As per list)

Subject: Usage of asbestos-free sealing and insulation materials in Industrial Boilers and Steam Systems– reg.

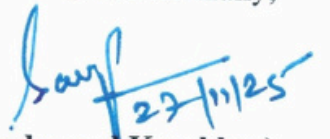
Sir,

I am to forward herewith an email dated **27.10.2025** received from **M/s PGE Industries Pvt. Ltd., Mumbai**, wherein they have suggested usage of asbestos free sealing and insulation materials in industrial boilers and steam systems. According to them, in high temperature sealing and insulation applications, especially for boilers, asbestos can now be completely replaced by safe, high performance alternatives that are already manufactured in India and also those materials are globally accepted, environmentally safer and compete with international boiler and pressure equipment standards.

2. The firm's e-mail is forwarded herewith for taking appropriate action in the matter. You may also consider informing the boiler manufacturers and users under your jurisdiction for use of asbestos free sealing and insulation materials in boilers and steam systems.

Encl: as above

Yours faithfully,



(Sandeep Sadanand Kumbhar)
Technical Adviser (Boiler) &
Secretary, Central Boilers Board
E-mail: sandeep.kumbhar7@gov.in
Tel: 011-2306 1714

Copy for information to:

M/s PGE Industries Pvt. Ltd.,
Mumbai- 400053
(Email:
Darshan.Parekh@pilotgaskets.com

With a request to coordinate with the CIBs/DoBs of States in the matter

Fwd: Usage of Asbestos in India Boilers

Boiler Section <boiler-section@gov.in >

Wed, 29 Oct 2025 10:38:28 AM +0530

To "RAJESH KUMAR MEENA"<rajesh.meena77@gov.in>

==== Forwarded message =====

From: Darshan Parekh <Darshan.Parekh@pilotgaskets.com>

To: <boiler-section@gov.in>

Cc: <talwar.yogesh@nic.in>, <sandeep.kumbhar7@gov.in>, <tsw-section@gov.in>, <gupt.pankaj@gov.in>

Date: Mon, 27 Oct 2025 18:17:30 +0530

Subject: Usage of Asbestos in India Boilers

==== Forwarded message =====

To Boiler Section

DPITT

Udyog Bhawan

Respected Sir/Madam,

This is with reference to the continued usage of asbestos-based sealing and insulation materials in industrial boilers and steam systems across Indian factories. As a concerned Indian manufacturer in the industrial sealing and high-temperature insulation sector, we would like to submit some critical observations for your consideration.

Despite global scientific consensus on the carcinogenic nature of asbestos and the ban on asbestos mining in India, asbestos-based sheets, ropes, millboards and gaskets continue to enter Indian industry largely through imports. Since domestic mining is banned, over 99% of asbestos fiber used in India is imported, (RUSSIA, Brazil, China) defeating the stated purpose of *Atmanirbhar Bharat* and exposing Indian workers to avoidable occupational health hazards.

Industry Reality – Safer Options Exist

In high-temperature sealing and insulation applications, especially for boilers, asbestos can now be completely replaced by safe, high-performance alternatives that are already manufactured in India, such as:

- Flexible Graphite (Non-Asbestos, high-temperature sealing)
- Expanded PTFE (ePTFE) & Modified PTFE Joint Sealants
- High-Temperature Ceramic-Refractory and Biosoluble Fiber Millboards
- Aramid/Kevlar Fiber Reinforced Gasket Sheets
- Glass Fiber and Silica Fiber Ropes & Insulation Tapes

These materials are globally accepted, environmentally safer, and compliant with international boiler and pressure equipment standards (ASME, EN, API).

Our Request

In the interest of promoting industrial safety, technology upgradation and Make in India, we request DPIIT–Boiler Section to:

1. Initiate gradual phase-out guidelines for asbestos-based sealing materials in boilers across India.
2. Introduce mandatory certification for “Non-Asbestos Sealing & Insulation Material” for boiler applications. We can help identify a quick list of best practices.
3. Encourage MSMEs and OEMs to adopt Indian-made safer alternatives through policy guidance based on BIS Standards.
4. Promote R&D support and standards framework for advanced sealing technology in India.

Meeting & Presentation Request

We would like to request an in-person meeting with the **Boiler Section** to present:

- **Technical comparison:** Asbestos vs Safe Alternatives
- **Cost and performance evaluation** in boiler applications
- **Policy recommendations for phased adoption**
- **Implementation roadmap with minimal disruption to industry**

We assure full cooperation in aligning with national industrial and safety policies, and we are willing to support DPIIT with industry inputs on this matter.

Kindly let us know a suitable date and time for a meeting at Udyog Bhawan or via video conference.

BRIEF PROFILE

PGE is a registered MSME (MH19A0004157) company having its registered office near Mumbai Airport and a state-of-the-art manufacturing facility in Thane, Navi Mumbai.

We have a well established production line up & quality procedure starting from Raw material Input to finished product and are also on the enlisted panel of EIL, IOCL, HPCL, BPCL, Defence PSUs across India including MDL, HSL, GRSE and GSL. Our goal is to reduce the dependency on foreign spares for all Indian companies and manufacture them under Make in India without compromising on quality control or performance.

- **Company Video:** [YouTube Link](#)
- **Product Portfolio:** [YouTube Link](#)
- **Indigenization Focus:** [YouTube Link](#)

GST

no: 27AAKCP550
6B1ZM

Darshan Parekh | Technical Director | 8080882868

PGE Industries Pvt. Ltd.

(Formerly known as Pilot Gaskets And Engineers)

Corporate Office - 702, 7th Floor, A Wing, Chandak Unicorn, Dattaji Salve Marg,
Off Veera Desai Rd, Jeevan Nagar, Andheri (West), Mumbai-400053

Factory: 1st Floor, Gala No. 101/102, E Block, Krishna Complex, Valgoan, Dapoda, Near Gupta Compound, Bhiwandi, Thane- 421302

WhatsApp Business: +91 9892227716 ([Click here to Chat with us](#))

w: www.pilotgaskets.com

Board No: +91 8080890022 | **Email:** pilotgaskets@gmail.com



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बॉयलर अनुभाग | Boiler Section

उद्योग संवर्धन और आंतरिक व्यापार विभाग | Department for Promotion of Industry and Internal Trade

वाणिज्य एवं उद्योग मंत्रालय | Ministry of Commerce and Industry

उद्योग भवन, नई दिल्ली | Udyog Bhawan, New Delhi.



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