



ASIAN OCCUPATIONAL SAFETY AND HEALTH RESEARCH INSTITUTE (AOSHRI) MEETING & SECRETARIAT OFFICE LAUNCHING

4TH – 5TH AUGUST 2025 | KUALA LUMPUR CONVENTION CENTRE, KUALA LUMPUR

National Institute of Occupational Safety and Health, JAPAN (JNIOSH)



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To protect workers' safety and health - JNIOOSH

Project Research

Strategic research addressing diverse OSH issues

Cooperative Research

Joint research with other facilities such as hospitals

Fundamental Research

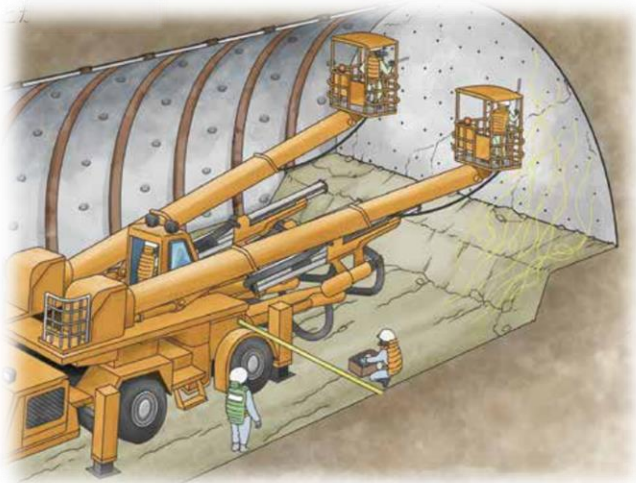
Basic research regarding OSH trends worldwide

Research of governmental mission

Research conducted at the request of the government

Promotion of research for planning and drafting governmental policy in the OSH field

Recent R&D Initiative Activities - JNIOOSH



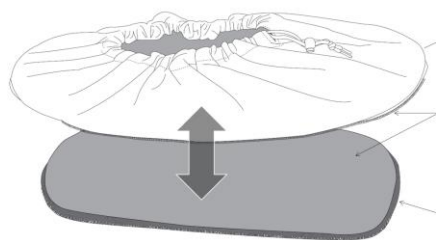
Revision of guidelines to **prevent rockfall accidents** at tunnel faces in mountain tunnel construction
(undergoing)



Amendment to the national OSH rules to **prevent severe heatstroke** cases
(June 2025)



Shift to **autonomous chemical risk management** under the revised Industrial Safety and Health Act
(April 2024)



Shoe sole materials
with slip resistance on
both dry and wet ice
surfaces

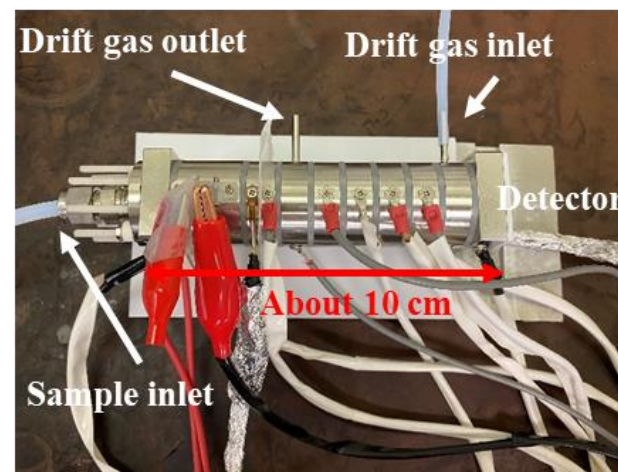


Free web app to
measure and record
fatigue-related indices

<https://fatiguechecker.h.jniosh.johas.go.jp>



Ground bearing
capacity testing
methods to prevent the
overturning of cranes
and large machinery



Ion mobility
spectrometer for real-
time measurement of
chemical substances in
the work environment

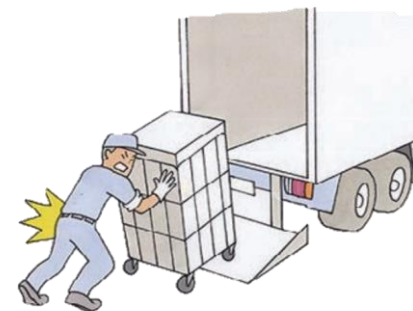
1. Prevent occupational accidents attributable to **workers' operational behavior**
2. Prevent occupational accidents among **aging workers**
3. Handling of **diverse work styles** and preventing occupational accidents among **foreign workers, etc.**
4. Prevent occupational **accidents specific to the industry**
5. Ensure the health of workers (especially related to **mental health, overwork,** and **industrial health activities**)
6. Prevent health disorders caused by **chemical substances, etc.**



Collaboration Opportunities - JNIOSH



- Workers' Operational behavior
- Diverse work styles and populations, especially Aging workers
- Mental health and Overwork
- Chemical substances



To protect workers' safety and health - JNIOOSH

THANK YOU!



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