

SSDF SKILL EDGE

DIGITAL **NEWSLETTER** BY THE SAFETY SKILL DEVELOPMENT FOUNDATION



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DID YOU KNOW?

By 2030, around 39% of workers' existing skills are expected to change or become outdated, making continuous upskilling and reskilling essential for career growth.

Source: World Economic Forum, Future of Jobs Report 2025.

MESSAGE

From

THE CHAIRMAN

As Chairman of the Safety Skill Development Foundation (SSDF), it is my honour to address you in this inaugural edition of **SSDF Skill Edge**. We stand united in our mission to elevate safety education across industries, driven by the belief that safety is the foundation of every successful enterprise.

At SSDF, we envision a future where workplace safety is not just a requirement, but a culture embedded in every organization. Our mission is to empower individuals and industries through high-quality safety training, certifications, and the development of industry standards that adhere to local, national, and international regulations.

Since our establishment, SSDF has remained at the forefront of bridging the skills gap in occupational safety and health. The recognition we have received from the Ministry of Skill Development & Entrepreneurship, Government of India, and the National Council for Vocational Education and Training (NCVET) as an Awarding Body further strengthens our resolve. This honour also enhances our responsibility to create safer workplaces by offering world-class safety education and fostering a culture of compliance.

Through our training programs, we aim to equip both seasoned professionals and newcomers with vital safety skills that enhance employability while meeting global standards. By addressing industry-specific safety challenges in sectors such as manufacturing, infrastructure, and oil and gas, we ensure that our training remains relevant and forward-thinking.

We believe in a governance structure built on transparency and accountability. Our strategic framework is supported by robust policies that prioritize quality, regulatory compliance, and ethical practices. We are committed to fostering diversity and inclusion, which we view as integral to our mission's success.

At SSDF, we are not only addressing current safety needs but are also preparing for the future by constantly updating our curricula to incorporate the latest safety practices and technological advancements. Through occupational mapping and sector-focused training, we aim to create safer work environments while enhancing job readiness.

Our vision is simple yet profound: to ensure that every worker returns home safely at the end of the day, while businesses thrive through the implementation of strong safety practices. Together, we are setting new benchmarks for workplace safety, ensuring a prosperous and secure future for all.

I thank you for your ongoing dedication to our shared mission of safety and look forward to continuing this journey together.

J K Anand

Chairman

Safety Skill Development Foundation



MESSAGE

From

THE DIRECTOR

At SSDF, we firmly believe that safety is the cornerstone of every thriving sector, transcending vocational boundaries. This belief drives our unwavering commitment to enhancing occupational safety and health through education, certification, and the development of industry standards that align with local, state, federal, and global guidelines.

Since our inception, we have taken the lead in addressing the skills gap in the safety industry. Recognized by the Ministry of Skill Development & Entrepreneurship, Government of India, through the NCVET as an Awarding Body, we take this responsibility seriously. Our mission is to create safer workplaces by providing professionals and newcomers with top-tier safety skills, enhancing employability while promoting a culture of safety.

Our training programs are designed to meet specific industry needs, from manufacturing to oil and gas, ensuring that safety standards are not only met but exceeded. We continuously update our courses to reflect the latest safety procedures and technological advancements, keeping our students ahead of evolving industry demands.

SSDF is shaping the future of safety skill development, expanding our reach globally, and aiming to set benchmarks for occupational health, safety, and environmental standards. Our ultimate goal is to ensure every employee returns home safely and businesses thrive by implementing effective safety practices.

Join us as we set new standards for safety and protect our most valuable resource - our workforce.

Shivani Anand

Director

Safety Skill Development Foundation (SSDF)



MESSAGE From THE CEO

It gives me great pride to introduce the first edition of **SSDF Skill Edge**, marking a significant milestone in our journey to promote safety awareness and skill development across industries. The Safety Skill Development Foundation (SSDF), established as a “Not for Profit” organization under Section 8 of the Company Act 2013 and recognized as an Awarding Body by NCVET, Ministry of Skill Development & Entrepreneurship, Government of India, was founded with a vision to foster a culture of safety consciousness.

At SSDF, we are dedicated to empowering individuals by providing world-class training and certification in occupational safety. Our programs, aligned with the National Skill Qualification Framework (NSQF) and the New Education Policy, aim to mitigate risks, enhance emergency response capabilities, and develop National Occupational Standards (NOS) tailored to industry needs.

Our mission extends beyond just training; we seek to create employment opportunities for Indian youth and offer reskilling and upskilling avenues for working professionals. By leveraging innovative technologies and collaborating with industry experts, SSDF delivers dynamic and impactful learning experiences that address current safety challenges.

With a committed team, experienced trainers, and strategic partnerships, SSDF is poised to be a leader in safety skill development. Together, we can meet the evolving needs of industries and create a safer, more skilled workforce - both in India and globally.

I sincerely thank all stakeholders for their continued support in this endeavour.

Col. Anand Kumar Singh

Chief Executive Officer

Safety Skill Development Foundation



CURRENT CHALLENGES AT WORKPLACE

Estimated Financial Impact of Workplace Accidents in India:

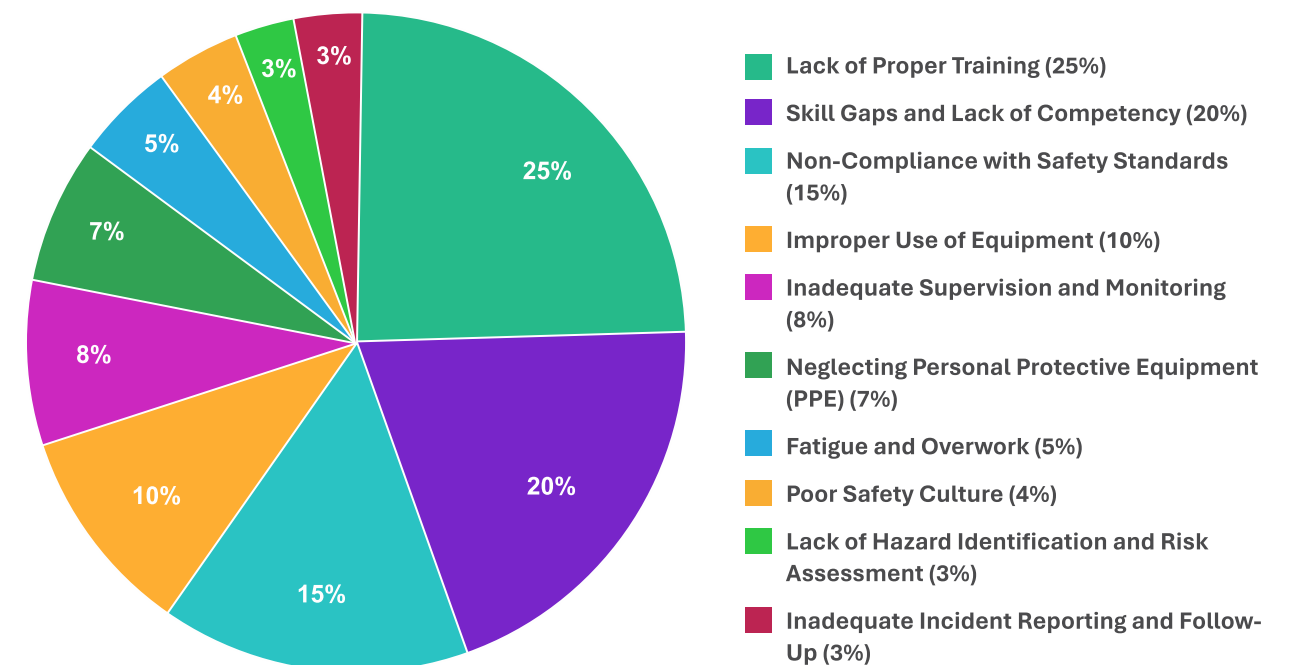
Global Cost (ILO): Workplace accidents and illnesses cost **\$3 trillion** globally. India's share, with about 10% of the global workforce, implies a significant financial burden.

India's Annual Loss: Workplace accidents cost India around **4% of its GDP**, equating to approximately **\$148 billion** annually.

Key Cost Components:

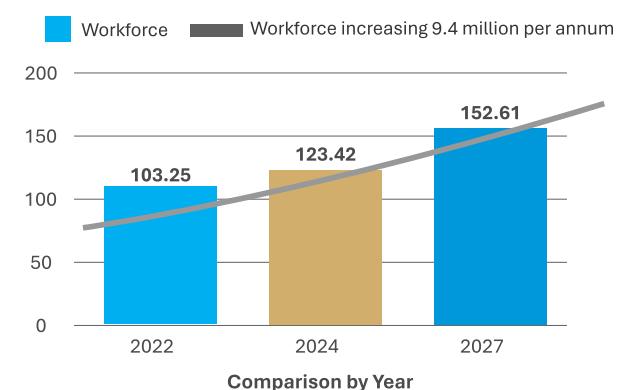
- Compensation & Medical Expenses:** Estimated at **₹20,000 crore (\$2.7 billion)** per year.
- Productivity Losses:** Accidents cause a loss of up to **₹50,000 crore (\$6.7 billion)** annually in productivity.
- Legal Penalties & Fines:** Totalling **₹5,000 crore (\$670 million)** annually.
- Rehabilitation & Training:** Costing around **₹10,000 crore (\$1.3 billion)** annually.

Some common causes of workplace accidents in India:

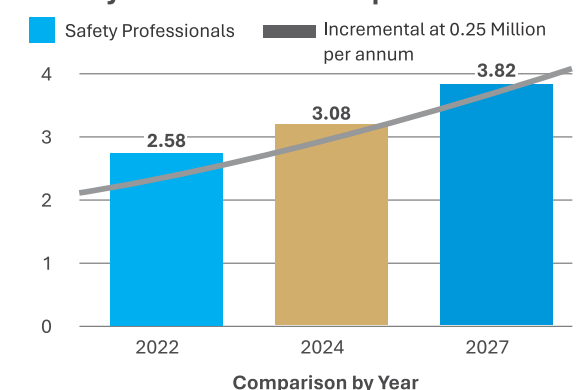


A Summary of Key Findings from the Skill Gap Analysis, especially in OSHE

Total Workforce



Safety Professionals Requirement



SSDF joins hands with Jharkhand Skill Development Mission Society (JSDMS) as Skill Development Partner

The Safety Skill Development Foundation (SSDF) is proud to announce a momentous step forward in its mission to enhance skill development and employability in Jharkhand. On 30th September 2024, SSDF signed a Memorandum of Understanding (MoU) with the Jharkhand Skill Development Mission Society (JSDMS), marking the beginning of a strategic partnership aimed at transforming the state's vocational landscape.

The MoU was signed in the esteemed presence of **Shri Hemant Soren**, Honorable Chief Minister of Jharkhand, and **Shri Shailendra Kumar Lal (IAS)**, Mission Director – Cum - CEO, JSDMS. This collaboration signifies a commitment to jointly drive initiatives that will empower the youth of Jharkhand with industry-relevant skills, opening new avenues for sustainable employment.



Jharkhand is stepping confidently into a future powered by skills, innovation, and opportunity. With a strategic focus on empowering its youth through industry-relevant training, strong public-private partnerships, and robust government backing, the state is well on its way to becoming a national hub for industrial growth and skill excellence. In a significant show of commitment, **Mr. J.K. Anand**, Director of the Safety Skill Development Foundation (SSDF), and **Colonel Anand Kumar Singh**, CEO of SSDF, joined hands with the ongoing mission to transform Jharkhand's skill development landscape. Their active engagement highlights the critical role that **occupational safety, health, and environment (OSHE)** skilling plays in preparing a future-ready workforce equipped to meet industry demands.

A Brighter Future for Jharkhand's Youth!



For More Information:
chrome-extension://efadnbnmnbpcapgcicfndmkaj/https://ssdfindia.org/wp-content/uploads/2024/10/SSDF-Partners-with-Jharkhand-Skill-Development-Mission-Society-JSDMS.pdf

KERALA Safety Skill Development Foundation

signed **MoU** with

Additional Skill Acquisition Programme (ASAP)

(Undertaking of Govt. of Kerala) for

- Training Partner recognition
- Training Centre Accreditation
- Skill Development of candidates
- Assessment and Certification on SSDF qualifications

सुदक्षा प्रथमं कौशलं सर्वदा

Development

The Safety Skill Development Foundation (SSDF) proudly announces the signing of Memorandum of Understanding (MoU) with Additional Skill Acquisition Programme (ASAP) Kerala. This strategic partnership aligns with the shared goal of enhancing employability and delivering advanced, industry-relevant skills to a broad audience across India.

Development Partner

We are delighted to announce the signing of a Memorandum of Understanding (MoU) between the **SAFETY SKILL DEVELOPMENT FOUNDATION (SSDF)** and the **Bihar Skill Development Mission (BSDM)** on 19th December 2024, during the prestigious Bihar Business Connect 2024 event. The MoU was signed in the esteemed presence of Shri Rajeev Ranjan, ITS, Additional CEO, BSDM, and Shri Suresh Kumar Singh, Mission Director, BSDM.



BIHAR

SSDF joins hands with Bihar Skill Development Mission (BSDM) as skill development partner

For More Information:
chrome-extension://efadnbnmnbpcapgcicfndmkaj/https://ssdfindia.org/wp-content/uploads/2025/01/News-and-Update-for-MoU-with-BSDM-1.pdf

SSDF and ATI ONGC Forge a Strategic Partnership to Elevate OSHE Training Excellence

SSDF Completes Training Facility Inspection for ONGC ATI Accreditation



SSDF Audit Team with Mr. A.J.L. Gomes (General Manager - ONGC), Mr. J.V.H. Prasad (General Manager - ONGC) & Mr. Anthony George (General Manager - ONGC)



SSDF Audit Team with Mr. Sanjeev Singhal (Head of the ONGC Advanced Training Institute)

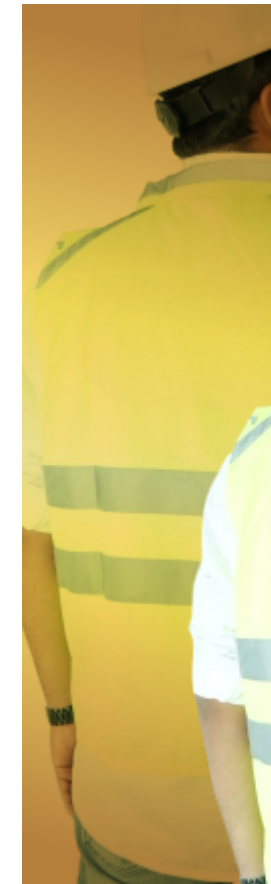
Caption: SSDP successfully completes the auditing stage at ONGC ATI's state-of-the-art training facility, marking a significant achievement in our ongoing partnership aimed at enhancing workforce development and operational excellence. The audit, conducted by SSDP's awarding body, rigorously assessed multiple facets of ONGC ATI's facility, including infrastructure, training delivery, adherence to safety standards, and the quality of educational resources provided.



10 स्किल जो हर सेफ्टी प्रोफेशनल के पास होने चाहिए

इंडस्ट्रियल सेफ्टी मैनेजमेंट के क्षेत्र में, प्रोफेशनल को वर्कप्लेस रिस्क को प्रभावी ढंग से समझने उसे कम करने साथ ही, कर्मचारियों व कार्यक्षेत्र की सेफ्टी को सुनिश्चित करने के लिए विविध स्किल सेट रखने की आवश्यकता होती है। बतौर सेफ्टी प्रोफेशनल आप जो विशिष्ट भूमिका निभाते हैं, वह कार्यस्थल पर लगातार विकसित होने वाले हर हेजाई एवं जोखिम के प्रति आपकी सजगता पूरे कार्यक्षेत्र की सेफ्टी का मजबूत आधार होती है।

यह लेख उन 10 महत्वपूर्ण स्किल्स की रूपरेखा प्रस्तुत करता है जिन्हें हर सेफ्टी प्रोफेशनल को हासिल करने का प्रयास करना चाहिए। चाहे आप पहले से ही सेफ्टी डोमेन में कार्यरत हों या अपनी विशेषज्ञता में सुधार करने का लक्ष्य रखते हों, इन स्किल्स को बढ़ाने बाद आप ना सिर्फ संस्थान के सेफ्टी मैनेजमेंट की रणनीतियों में काफी सुधार लाने के अलावा आप वर्कप्लेस को और अधिक सुरक्षित भी बना सकते हैं।



1. प्रत्यक्ष और अप्रत्यक्ष खतरों की पहचान करना

किसी भी सेफ्टी प्रोफेशनल की भूमिका का एक महत्वपूर्ण पहलू होता है वकी प्लेस में प्रत्यक्ष और अप्रत्यक्ष खतरों की पहचान करना है, जबकि कुछ खतरे तुरंत स्पष्ट होते हैं, अन्य अधिक सूक्ष्म होते हैं। इसलिए इनकी पहचानने के लिए गहरी विशेषज्ञता की आवश्यकता होती है।

यहाँ कुछ रणनीतियाँ दी गई हैं जो सेफ्टी प्रोफेशनल को छिपे हुए जोखिमों को उजागर करने में मदद कर सकती हैं:

- सहकर्मियों की बात सुनें: संस्थान के अन्य कर्मचारियों को अवसर संभावित रिस्क व हेजाई संबंधी जानकारी होती है। भले ही कोई टिप्पणी की गई हो, लेकिन तुरंत इसकी जाँच और समाधान करना आवश्यक है।
- सभी घटनाओं की जाँच करें: हर दुर्घटना या नियंत्रण-मिस की घटना की गहन जाँच, चाहे उसकी गंभीरता कितनी भी हो, उन क्षेत्रों को उजागर कर सकती है जहाँ सेफ्टी सुधार किए जा सकते हैं।
- वाट-वाट निरीक्षण: "नए दृष्टिकोण" के साथ नियमित रूप से सुविधा का निरीक्षण करने से संभावित खतरों को पहचानने में मदद मिल सकती है, जिन्हें कर्मचारी अपने परिवेश के आदी हो सकते हैं।

2. जोखिम संबंधी स्पष्ट संचार

सेफ्टी क्षेत्र में स्पष्ट और प्रभावी संचार महत्वपूर्ण है। कर्मचारियों या प्रबंधन के साथ सेफ्टी मुद्दों को संबोधित करते समय, यह सुनिश्चित करने के लिए सटीक भाषा का उपयोग करना महत्वपूर्ण है कि संदेश को समझा जाए। अलग-अलग दर्शकों के लिए अपनी संचार शैली को अनुकूलित करने की क्षमता महत्वपूर्ण है - चाहे आप किसी तकनीशियन, प्रबंधक या कार्यकारी से बात कर रहे हों, आपका संदेश स्पष्ट और कार्रवाई योग्य होना चाहिए।

3. जोखिम संबंधी दृश्य संकेत

मौखिक संचार के साथ-साथ, दृश्य जोखिम संचार सेफ्टी प्रबंधन में महत्वपूर्ण भूमिका निभाता है। चेतावनी संकेत, फर्श चिह्नों और सेफ्टी लेबल जैसे उपकरणों का उपयोग करके कर्मचारियों को संभावित खतरों के बारे में सचेत किया जा सकता है जब मौखिक संचार संभव नहीं होता है। इन दोनों के बीच संतुलन बनाए रखना होगा—बहुत ज्यादा चेतावनियाँ कर्मचारियों को परेशान कर सकती हैं, जबकि बहुत कम चेतावनियाँ उन्हें जोखिमों से अनजान छोड़ सकती हैं। इसलिए जोखिम संबंधी दृश्य विज्ञान संकेत ध्यान भटकाने के बिना प्रभावी हों।

4. सुरक्षा मुद्दों को प्रमुखता से उठाना

सेफ्टी प्रोफेशनल की सबसे चुनौतीपूर्ण जिम्मेदारियों में से एक प्रबंधन के समक्ष सेफ्टी संबंधी पहलुओं को प्रमुखता से उठाना और आवश्यक स्वीकृति प्राप्त करना है। इसके लिए अवसर समय, लागत और सुविधा के लिए समग्र लाभ के संदर्भ में प्रस्तावित सेफ्टी उपायों के लाभों की मजबूत प्रस्तुत करने की संबंधी स्किल की आवश्यकता होती है। इसमें न केवल डेटा-संचालित तर्कों की आवश्यकता होती है, बल्कि यह भी समझना होता है कि सेफ्टी पहलुओं को कंपनी के व्यापक उद्देश्यों के साथ कैसे जोड़ा जाए।

5. प्रशिक्षण और विकास

सेफ्टी प्रोफेशनल अवसर नए सेफ्टी प्रोटोकॉल, उपकरण या प्रक्रियाओं के बारे में कर्मचारियों को शिक्षित करने के लिए जिम्मेदार होते हैं। प्रभावी प्रशिक्षण केवल जानकारी प्रदान करने से नहीं आगे जाता है—इसमें कर्मचारियों को शामिल करना चाहिए और यह सुनिश्चित करना चाहिए कि वे सामग्री को गंभीरता से लें। भागीदारी को बढ़ाना करने वाले इंटरैक्टिव प्रशिक्षण सत्र सेफ्टी प्रोटोकॉल को बेहतर बनाए रखने में मदद कर सकते हैं। यह सुनिश्चित करना कि प्रशिक्षण समय-कुशल होने के साथ-साथ संपूर्ण भी हो, सेफ्टी को सबसे आगे रखते हुए उत्पादकता बनाए रखने में मदद करेगा।

6. सेफ्टी के लिए बजट बनाना

फाइनेशियल स्किल सेफ्टी प्रोफेशनल के लिए अक्सर अनदेखा किया जाता है। बजट की सीमाओं के भीतर रहते हुए सेफ्टी सुधारों को प्राथमिकता देना महत्वपूर्ण है। कुशलता से संस्थान में सेफ्टी संबंधी धन आवंटित करने में सक्षम होनी चाहिए। जैसे लेबल प्रिंटर या खतरा डिटेक्टर जैसी सेफ्टी तकनीकों में निवेश करना जो दीर्घकालिक लाभ प्रदान करते हैं - एक आवश्यक स्किल है। सेफ्टी प्रोफेशनल को प्रत्येक सेफ्टी उपाय की लागत बनाम लाभ का मूल्यांकन करने की आवश्यकता है, ताकि व्ययनतम वित्तीय अपव्यय के साथ अधिकतम प्रभाव सुनिश्चित हो सके।

7. नियामक मानकों का ज्ञान

सेफ्टी प्रोफेशनल को व्यावसायिक सेफ्टी और स्वास्थ्य प्रशासन (OSHA) और अन्य नियामक संगठनों जैसे निकायों के नियमों से अच्छी तरह वाकिफ होना चाहिए। अनुपालन न केवल दंड से बचने के लिए बल्कि सुरक्षित कार्य वातावरण बनाने के लिए भी महत्वपूर्ण है। कानूनों और दिशानिर्देशों में नवीनतम परिवर्तनों के साथ अपडेट रहना यह सुनिश्चित करने के लिए महत्वपूर्ण है कि सुविधा अनुपालन

और जोखिम मुक्त बनी रहे। इन परिवर्तनों को सक्रिय रूप से समझना और लागू करना निरीक्षण के दौरान अनावश्यक जांच से बचने में मदद करता है।

8. ऑडिटिंग स्किल

सेफ्टी प्रोफेशनल की भूमिका का एक महत्वपूर्ण हिस्सा यह सुनिश्चित करना है कि सुविधा हमेशा निरीक्षण के लिए तैयार रहे। रियल-टाइम ऑडिटिंग कभी भी संगठन बिना किसी सूचना के ऑडिट कर सकते हैं, इसलिए लगातार अनुपालन बनाए रखना महत्वपूर्ण है। यह जानना कि निरीक्षक क्या देखते हैं और उसी के अनुसार सुविधा तैयार करना सुचारु ऑडिट सुनिश्चित करेगा। लक्ष्य केवल निरीक्षण पास करना नहीं है, बल्कि सेफ्टी की एक सतत संस्कृति को बढ़ावा देना है जो हर समय जोखिम को कम करता है।

9. डेटा एकत्र करना और व्याख्या करना

सेफ्टी डेटा एकत्र करना और उसका विश्लेषण करना सेफ्टी प्रोफेशनल के लिए एक और अपरिहार्य स्किल है। दुर्घटनाओं और घोटों को ट्रैक करना एक दिया हुआ काम है, लेकिन पेशेवरों को निकट-मिस, उपकरण की खराबी और कर्मचारी प्रतिक्रिया पर भी डेटा एकत्र करना चाहिए। इस डेटा का उपयोग पैटर्न की पहचान करने और महत्वपूर्ण समस्याओं को जन्म देने से पहले मुद्दों को सक्रिय रूप से संबोधित करने के लिए किया जा सकता है। रुझानों को समझना और उन्हें सही ढंग से व्याख्या करना उन क्षेत्रों में मूल्यवान अंतर्दृष्टि प्रदान कर सकता है जिनमें सुधार की आवश्यकता है।

10. जवाबदेही

सेफ्टी प्रोफेशनल के लिए जवाबदेही एक दोहरी जिम्मेदारी है। सबसे पहले, उन्हें सुविधा की समग्र सेफ्टी के लिए जवाबदेह होना चाहिए, यह सुनिश्चित करना चाहिए कि प्रोटोकॉल प्रभावी हों और लागू हों। जीवन उच्च मानकों को बनाए रखने की सेफ्टी प्रोफेशनल की क्षमता पर निर्भर करता है। दूसरा, उन्हें सेफ्टी मानकों का पालन करने के लिए दूसरों को जवाबदेह ठहराना चाहिए यदि नियमों का पालन नहीं किया जाता है, तो सेफ्टी प्रोफेशनल को उचित कार्रवाई करनी चाहिए, चाहे वह फिर से प्रशिक्षण हो या अनुशासनात्मक उपायों को लागू करना हो। जवाबदेही की संस्कृति एक ऐसा माहौल बनाती है जहाँ हर कोई सेफ्टी को प्राथमिकता देता है।

SSDF Signs MoU with Empanelled Assessment Agencies for Skill Assessment Services

In a significant move towards bolstering skill assessment within the national skill ecosystem, the Safety Skill Development Foundation (SSDF) recently inked a Memorandum of Understanding (MoU) with a cadre of esteemed Assessment Agencies (AAs). The MoU comes on the heels of SSDF's release of Request for Proposals (RFPs) for the empanelment of training partners/providers and assessment agencies, demonstrating SSDF's proactive approach to ensuring robust skill development practices. The impanelled Assessment Agencies (AAs) are as follows:



Photo Gallery

SSDF Joins Forces with NAREDCO to Advance Skill Development in the Real Estate Sector

Safety Skill Development Foundation (SSDF) has forged a transformative partnership with the National Real Estate Development Council (NAREDCO), signaling a new era of collaborative skill development initiatives within the real estate sector. The strategic alliance leverages SSDF's proficiency in skill development alongside NAREDCO's extensive industry knowledge, paving the way for innovative solutions and enhanced workforce capabilities.

By uniting SSDF's expertise with NAREDCO's deep insights into the dynamics of the real estate industry, the partnership aims to address skill gaps, promote excellence, and foster sustainable growth within the sector.



What Does the Present and Future of Work Hold for Occupational Safety and Health (OSH)?

As the nature of work evolves, the challenges and opportunities in Occupational Safety and Health (OSH) are also shifting. The modern workforce must address and adapt to rapid technological advances, changing demographics, the pursuit of sustainable development, and new forms of work organization. Here's a closer look at these transformative factors.



1. Technological Advancements

With the rise of digitization, robotics, and nanotechnology, the modern workplace has seen unprecedented transformations. While these technologies boost efficiency and enable real-time monitoring to minimize risks, they also raise OSH concerns. Digital monitoring, for instance, helps manage exposure to hazards but can compromise worker privacy due to the collection of personal data. As technology advances, balancing these benefits with ethical and privacy considerations is essential to ensure both safety and dignity at work.

2. Demographic Shifts

The global workforce is diverse and constantly changing. In some regions, young populations are booming, while others are dealing with an ageing workforce. Gender disparities in employment persist, with women more likely to be in non-standard or home-based roles. While remote work can reduce exposure to hazardous environments, the lack of formal OSH protections in these settings presents new challenges, particularly for women, who are at greater risk of musculoskeletal disorders from sedentary or repetitive tasks. Understanding and addressing these gender-specific risks is crucial for fostering inclusive and safe workplaces.



3. Sustainable Development and Climate Change

The impact of climate change extends to the workplace, affecting OSH on multiple levels. Industries reliant on fossil fuels, such as coal mining, contribute to air pollution that affects both miners and surrounding communities. The shift toward green jobs promotes lower-carbon economies but also introduces new risks, such as chemical exposure in recycling industries. As more workers move to green sectors, ensuring that these jobs uphold high OSH standards will be essential for a sustainable future.

4. New Work Organization Models

Globalization and the digital economy have redefined traditional work structures. More workers face excessive hours and non-standard employment arrangements, particularly within the platform economy. While remote work has reduced commuting-related stress and increased flexibility, it has also introduced unique psychosocial challenges as employees navigate the blurred lines between work and personal life. These pressures highlight the need for policies that promote work-life balance, mental health support, and adaptable OSH practices.

Looking Ahead

The future of work demands proactive approaches to Occupational Safety and Health (OSH) that prioritize adaptability, inclusivity, and sustainability. As work continues to evolve, so too must our commitment to safeguarding the health, safety, and well-being of every worker across industries and regions.

SSDF: Qualification Details and Career Path of a Safety Executive (OSHE)

The role of a Safety Executive [OSHE] is crucial for enforcing health and safety policies, ensuring compliance with legislative standards, and promoting a safe working environment across various sectors. This position offers numerous growth opportunities within the field of Occupational Safety, Health, and Environment (OSHE). Supported by both structured qualifications and skill-based training provided by the Safety Skill Development Foundation (SSDF).

Key Responsibilities

- **Safety Compliance:** Enforce safety policies to ensure adherence to both local and national regulations.
- **Risk Assessment & Management:** Identify hazards, conduct risk assessments, and recommend actionable controls to mitigate risks.
- **Safety Audits & Inspections:** Conduct regular audits and inspections to maintain a safe workplace.
- **Training & Awareness Programs:** Lead safety training sessions to educate workers on best practices.
- **Emergency Response Planning:** Develop and implement emergency protocols to address potential incidents.

Course Modules

The OSHE course offered by SSDF covers a broad range of topics, including:

- **Introduction to OSHE:** Fundamental workplace safety and regulatory standards.
- **Fire Safety:** Training in firefighting techniques and emergency evacuation procedures.
- **Accident Prevention & Hazard Control:** Identifying and mitigating workplace hazards.
- **Environmental Management:** Addressing sustainability, global warming, and sustainability practices.
- **Health & Safety Statutes:** Overview of the OSH Code 2020, BOCW Act 1996, and other essential regulations.
- **Practical Skills & Competencies:**
 - Indoor course completion, Safety Executive certification. Preparing safety documents (e.g., HIRA, JSA, PTW).
 - Measuring key industrial parameters and preventive measures.
 - Understanding statutory safety obligations and workplace safety commitments.

Career Paths

The career path for Safety Executives offers structured progression:

- Progression to senior management positions.
- Successful completion of the program enables candidates to become recognized Safety Executive professionals under
- NCVET & SSDF, with both national and international recognition.

Training Assessment Structure

The training program includes both online and in-person sessions, practical assignments, and case studies. It spans a total of 720 hours, divided into:

- Classroom Training: **330 hours**
- On-the-Job Training: **120 hours**
- Practical Training: **210 hours**
- Employability Skills: **60 hours**

Forwarding professionals: SSDF offers a Recognition of Prior Learning (RPL) pathway to assess and certify prior knowledge, skills, and experience.

Essential Skills

Safety Executives need an in-demand skill set that spans various industries, including hydrocarbons, chemicals, fire safety, manufacturing, construction, infrastructure, offshore and marine engineering, operations, and more. They are essential in industries where workplace safety is paramount, helping to create safe, compliant, and efficient environments.

Educational Qualifications

To qualify as a Safety Executive, candidates can pursue the following pathways:

- 4-year UG degree with 3 years of relevant experience
- Completed a 3-year diploma after 10th in a relevant field with 4.5 years of experience
- Completed 2-year NTC (after 10th) with 5.5 years of experience
- Previous relevant qualification of NSQF level 4.5 and 1.5 years of experience
- Previous relevant qualification of NSQF level 4 and 3 years of experience

List of All Courses

- Safety Steward
- Safety Supervisor (OSHE)
- Safety Executive (OSHE)
- Safety Auditor
- Safety Inspector (OSHE)
- Manager (OSHE)
- Ergonomics Safety Steward
- Electrical Safety Supervisor
- Traffic Safety Marshal
- Fire Safety Officer
- Inspector, Basic Scaffold
- Inspector, Advance Scaffold
- Scaffold Design Engineer
- Basic Rigger
- Advance Rigger
- Lifting & Rigging Supervisor (Safety)
- Crane Inspector (Safety)

List of Micro Credentials:

- Basics of Occupational Hazards & Risk Management
- Basics of Risk Analysis & Accident Prevention Methods
- Basics of Fire Hazards & Safety Against Fire Hazards
- Basics of Safety & Health Requirements of BOCW Act 1996
- Basics of Safety Protocols for Construction Works
- Fundamentals of Occupational Risk Management in Chemical Industry
- Basics of Emergency Response and Evacuation Preparedness
- Fundamentals of Safety Measures in Electrical Switchgear & Protective Devices
- Introduction To Confined Space Challenges & Safety Measures
- Basics of Safety Requirements in Working at Height

The Training calendar for the next three months (July, August, and September)

Sr. No.	PROGRESS	JOB ROLE NAME	PROGRAM START DATE	PROGRAM END DATE	MODE	NAME OF TRAINING CENTER	SPOC DETAILS
01	ToMT (MA-025)	Traffic Safety Marshal	13.07.2026	17.07.2026	Online	CORE-EHS Solutions Pvt. Ltd.	Khushboo Trivedi CORE EHS
02	ToMT (MA-026)	Lifting & Rigging Supervisor (Safety)	27.07.2026	31.07.2026	Online	CORE-EHS Solutions Pvt. Ltd.	Khushboo Trivedi CORE EHS
03	ToMT (MA-027)	Scaffold Design Engineer	24.08.2026	28.08.2026	Online	CORE-EHS Solutions Pvt. Ltd.	Khushboo Trivedi CORE EHS

*The above mentioned dates and locations may be changed or extended as per the availability of TOT center and Master Trainer

World Youth Skills Day: Empowering India's Youth Through Skills

Every year on 15 July, the world observes World Youth Skills Day to highlight the importance of equipping young people with the knowledge and skills needed for employment, entrepreneurship, and sustainable development. Established by the United Nations in 2014, the day recognizes that vocational education and skill development are essential for building a resilient workforce capable of meeting the demands of an evolving global economy.

For India, World Youth Skills Day carries even greater significance. With more than 600 million people below the age of 35, India possesses one of the world's largest youth populations. This demographic advantage presents a unique opportunity to accelerate economic growth, innovation, and industrial development. However, transforming this potential into progress depends on preparing young people with industry-relevant skills, practical experience, and a lifelong learning mindset.

The Need for Industry-Ready Skills

Today's workplaces demand much more than academic qualifications. Employers seek professionals with technical expertise, digital literacy, critical thinking, communication skills, adaptability, and a strong commitment to workplace safety. As industries rapidly adopt automation, artificial intelligence, green technologies, and digital transformation, the gap between classroom education and industry expectations continues to widen.

Vocational education plays a vital role in bridging this gap by offering practical, competency-based training that prepares learners for real-world challenges. Skilled individuals enjoy better career opportunities, higher productivity, and greater confidence while contributing to safer workplaces and stronger organizations. A skilled workforce also strengthens national competitiveness, attracts investment, and supports sustainable economic growth.

India's Skill Development Journey

India stands at the threshold of a demographic dividend, yet challenges such as unemployment, underemployment, regional disparities, and skills mismatch continue to affect millions of young people. Addressing these issues requires close collaboration between government, educational institutions, industries, and skill development organizations.

The Skill India Mission, the National Education Policy (NEP) 2020, and various sector-specific initiatives are helping integrate vocational education into mainstream learning. By aligning training with industry requirements and emerging technologies, these initiatives aim to create a workforce that is future-ready, productive, and globally competitive.

SSDF: Creating Safe and Skilled Professionals

The Safety Skill Development Foundation (SSDF) is making a meaningful contribution to India's skill development ecosystem by promoting Occupational Safety, Health, and Environment (OSHE) competencies across industries.

Recognized by the National Council for Vocational Education and Training (NCVET) as an Awarding Body, SSDF develops industry-aligned qualifications, delivers competency-based training, and conducts assessments and certifications under the National Skills Qualification Framework (NSQF).

Its training and certification programmes serve sectors such as construction, manufacturing, infrastructure, mining, oil & gas, logistics, renewable energy, and other high-risk industries. By integrating technical skills with workplace safety, SSDF equips learners with competencies that not only improve employability but also foster a strong safety culture across workplaces. Through its commitment to quality training and industry partnerships, SSDF continues to support India's vision of building a highly skilled, safety-conscious, and globally competitive workforce.

Building a Sustainable Future

Skill development directly contributes to the UN Sustainable Development Goals (SDGs), particularly Quality Education (SDG 4), Decent Work and Economic Growth (SDG 8), and Reduced Inequalities (SDG 10). Investing in vocational education empowers individuals, promotes inclusive growth, and creates opportunities for long-term economic resilience.

A Call to Action

World Youth Skills Day is more than a celebration—it is a reminder that investing in skills is investing in the future. As industries continue to evolve, young people must embrace continuous learning, adaptability, and innovation to remain competitive in a dynamic job market.

By strengthening partnerships among government, industry, educational institutions, and organizations like SSDF, India can unlock the full potential of its young workforce. Empowering youth with industry-relevant skills, practical experience, and a strong safety mindset will not only transform individual careers but also drive sustainable economic growth, industrial excellence, and national development for generations to come.





सुरक्षा प्रथम, कौशलं सर्वदा

Editorial Board

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