



EXPLORING EMOTIONAL LABOR IN HIGH-RISK INDUSTRIES: A CASE STUDY OF THE COAL MINING SECTOR

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Abstract

The complex and dynamic nature of the study captures emotional labor in the economically and emotion laden coal mining industry. Emotional labor is processing emotions and expressing certain feelings in your job. Physical hazards and harsh work conditions are dominant features of the coal mining industry, where emotional labor plays an important role. This research utilises a case study approach to examine coal miners' experiences and emotional stringency during their daily practice. Analyzing the socialisation of workers creating individual expectations; mechanisms to control feelings and, in effect, its overall impact on well-being and job satisfaction, this study contributes to a deeper understanding of the intersection of emotional labor and work within the context of the coal industry. It also discusses the importance of organizational interventions and supportive frameworks that might be put in place to help workers pursue positive states and reduce the potential detrimental effects of emotional labor. This study adds to the knowledge of emotional labor research; highlighting emotional labor issues in the coal mining industry is a critical concern for both mining workers and the industry altogether.

Keywords: Emotional labor, Emotions, Feelings, Job satisfaction, Coal mining industry

Introduction

Emotional labor can be defined as the act of managing emotions to fulfil the emotional requirements of a job. First introduced in 1983 by sociologist Arlie Hochschild, the term emotion labor has taken on renewed meaning as the nature of work and its effect on human beings—namely, our interactions with one another—has shifted.

Emotional labour is the effort it takes to manage and display feelings that align with social, organisational and interpersonal standards. It's about controlling your own emotions and helping others enjoy theirs. Emotional labor is performed by people of all genders, but it has been more closely tied to women's roles, especially in service-oriented professions, like hospitality workers, health care and customer service workers.

Emotional labor is often on display in the context of work where the person may not feel as positive, but they have to manage their emotions in such a way that they appear calm, smile, and assure, even when the going gets tough or stressful. That can be psychologically taxing if you are someone who feels you have to disguise the way you feel, project a particular persona like being 'in control,' perform, and do the emotional labor for others. Emotional labor is most commonly found in customer-facing jobs or in care giving and support roles.

Emotional labor is not just limited to the workplace but rears its ugly head in the home too, where individuals may feel they have to manage and regulate the emotions of their partners, family members, or friends. The use can be in the form of emotional support, listening and empathetic conversation to maintain congeniality. Although emotional labor may be rewarding and lead to positive results, it can spill over into undesirable effects. The constant need to manage emotions and pressure to fulfill emotional expectations can result in emotional exhaustion, burnout, and reduced well-being. The female gender is often associated with being more emotionally expressive and nurturing, which can further reinforce stereotypes of women.



Emotional labor in the workplace: The importance of acknowledging its role Organizations can work towards crafting support policies, making resources available for psychological well-being and creating a mindset that respects and recognizes emotional work. In the same vein, people can utilize self-care, boundary-setting, and open communication in order to share the load of emotional labor in their personal relationships.

Overall, the idea of emotional labor provides a valuable perspective on the emotional labor that people engage in behind-the-scenes and the importance of empathy, compassion, and recognition in both professional and personal relationships.

Emotional Labor: Overview

There are two different ways to manage such emotions: deep acting and surface acting, they are different approaches that people take to fulfill the emotional demands of their jobs or roles.

Surface acting: Surface acting is when one pretends to feel an emotion without actually feeling it. It is an outward expression of feelings that are at odds with what a person might say they feel inside. Surface acting involves changing one's outward expression and behavioral, the person makes sure that his outward standard is same as the expected emotion. They may force a smile or pretend to be excited when they really are not interested.

Surface acting is an act of emotional regulation process, people regulate their emotional expression but not their inner emotional state. It often needs a suppression of real feelings and it is mentally and emotionally draining over time. Surface acting contributes to emotional dissonance, where there is a disconnect between what employees feel and what they are required to show.

Deep acting: Conversely, deep acting is the actual effort to feel the true emotions that you will need or be required to feel in that situation. It is the manipulation of one's inner feelings in order to construct the outward appearance of emotion that the subject wishes to show. Unlike doing surface acting where you are just pretending to feel something, in deep acting you simulates feelings to yourself you empathize with others, change your view of a situation, use the mind frameworks, etc.

Practicing deep acting typically involves self-reflection, empathy and emotional insight. They attempt to reach out to others in their feelings, seek commonality, and respond to their needs authentically. The idea here is to align the expectations of emotional expression and your actual feelings on the inside to create a more authentic experience without the same level of emotional dissonance.

Deep acting does allow for a more authentic and empathetic response, but can also be draining mentally and emotionally. When that effort becomes relentless, where you try to make sure that in whatever external environment that you are, your internal emotional state is aligned whether it is nightclub, boardroom, meeting room, cabin etc. this will lead to emotional exhaustion/emotional labor fatigue if it is not managed well.

Surface acting and deep acting are both methods employed by individuals to manage emotional labor. These strategies can impact the well-being of employees Working organizations should take into account how these strategies may impact employees, and provide support to help them manage the emotional demands of their roles effectively. Providing space for authentic emotional connections as well as opportunities for emotional self-care can alleviate the wearing downsides of emotional labour.

Emotional Labor in Coal Industry

Much of the emotional labor in the coal industry is hidden. Coal mining not only a physically tough profession, but it is also an emotionally demanding job, and as such the emotional labor burden put on the coal miners has a significant impact on their mental health as well as work (Li et al., 2022) (Yang et al., 2022) (Kim & Lee, 2021) performance. Coal miners have



a challenging job due to long hours, isolation, and dangers of accidents or injury. These aspects can lead to an intense level of stress and anxiety, apprehension among coal miners, emotional variations and negative emotions like concern and anger. (Wang et al., 2016) However, these adverse feelings tend to reduce the organizational commitment of coal miners, which are manifested as decreased productivity and job satisfaction (Li et al., 2021). In addition to that, the emotional labor in the field of coal is also worsened by the unstable future of the coal mining sector. (Yang et al., 2022) Environmental protection policies and the transition to green energy sources place tremendous pressure on coal mining companies. The gloomy expectations coal miners have regarding the future of coal mines negatively impact their emotional well-being (Li et al., 2021). As a result, this will have a negative impact on their mental health and productivity. (Li et al., 2022) In addition, the coal industry also generates emotional labor that may lead to unsafe behaviors (Yang et al., 2020). Research suggests emotions can directly drive behavior, which in high-risk domains like coal mining can have dire consequences (Yang et al., 2020). The physical and mental demands of the job, combined with the emotional strain make it difficult to concentrate, pay attention to what matters, and take the appropriate level of risk. (James et al., 2018)

There are a number of ways that emotional labor plays out in the coal industry, both into coal workers themselves, and those impacted indirectly by coal. In further detail, although coal mining is very much considered to be an industry that predominately deals with physical labor and dangerous situations, emotional labor is also important to the mental health of people that work in this industry and the people they come into contact with. Here are some issues to think about:

Worker health and mental well-being: Coal mining is one of the most physically intensive and dangerous jobs with workers at a nexus of stress, fear, and anxiety related to their job. They may have to endure the stress of working in dangerous environments, witnessing accidents or injuries and dealing with the pressures of meeting production targets. This emotional labor might require them to suppress or manage these emotional responses to appear composed and to fulfill their roles effectively.

Community impacts: In places where coal mining is a primary industry, the emotional labor extends to the surrounding community, not just the workers. When coal mines close or lay off workers as a result of economic shifts or environmental concerns, emotions like fear, uncertainty and grief arise among workers. It involves emotional labor to deal with such feelings, remain optimistic, and adjust to a new reality.Fireside chats: The coal sector tends to interact with a range of stakeholders including local populations, environmental activists, law makers and journalists. These representations and exchanges may require the use of emotional labour to deliver messages, reassure stakeholders, and uphold a favourable narrative of the sector. If emotions are involved, empathy and conflict resolution are skills needed to navigate the complex relationships and interests involved.

Emotional labor during transitions and diversification efforts: As the world transitions to cleaner sources of energy and coal mining declines in other regions, emotional labor plays an important role during both transitions and local economy diversification efforts. The emotional impact on coal miners and their communities may be profound, given the potential for job loss, individual and collective identity shifts, and economic uncertainty. Supporting people through these changes requires emotional labor: they need empathy, they need resources, and they need retraining or other job opportunities.Some may find purpose and camaraderie from their work, while others may shatter under its weight, facing mental health, emotional and social turmoil. Acknowledging the need of emotional labor in the coal mining industry is essential to ensuring the well-being of miners, providing meaningful assistance to impacted communities, and enabling a just transition to a more sustainable energy future.





Review of Literature

Literature regarding emotional labor in high-risk occupations has begun to develop with coal mining the sector of focus. Emotional labor is a significant effort where employees have to manage their emotions as a natural part of work and how it translates into the workplace.

Hochschild's (1983) notion of emotional labor--initially devised to tackle the demands of the service industry--is one prominent source in this social arena (Mira, 2021). Therefore, we provide a brief review of the literature on emotional labour and its importance for certain jobs and industries, and its implications for job satisfaction, pay, and overall employee well-being (Okpu & Gift, 2021). The scepticism shared by scholars of emotional labour seems overstretched; however, the guide literature offers helpful examples and impacts of emotional labour (Okpu & Gift, 2021).

Research on emotional labour is plentiful, and sheds light on how this effects job satisfaction and pay (Okpu & Gift, 2021). In addition, it has highlighted the widespread nature of emotional management in certain types of occupation and industries and the gendered nature of the emotional labour force. The literature has also established the link of emotional labour and burnout, and this means organizations must work on the issue to promote well-being among employees.

This study of emotional labour and how it affects employees' job satisfaction contributes to the existing literature as well as supports previous research (Okpu & Gift, 2021). This, therefore, reinforces the idea that emotional labour positively affects employee's job satisfaction (Okpu & Gift, 2021). Recent research into emotional labour has shed some valuable light on what this shows for different sectors.

Indeed, high temperatures, high humidity, noise, and dust experienced in underground coal mines place considerable physical and mental stress on coal miners (Yang et al., 2022). Their occupational diseases and destructiveness are related to long-term unhealthy work environmental exposure (Yang et al., 2022). Such negative emotions can adversely affect both the well-being and behavior of coal miners, which may further result in unsafe behaviors and compromised safety conditions in the workplace. Moreover, the coal mining industry is characterized by complex geological conditions and deep-seated mining operations, which further aggravate the safety situation (Li et al., 2019). Since Hochschild, a plethora of studies have been conducted exploring how organizations — particularly in high-risk industries — such as the coal industry try to manage their employees' emotions and how emotions affect work (Mira, 2021; Smith, 2012; Theodosius, 2008; Williams, 2012). The Higher Education Emotional Labour framework proposed by Berry and Cassidy in a recent study outlines how the intensities of emotional labor carried out during occupational engagement can play a role in the wellbeing and stress of university teachers (Abery & Gunson, 2016).

According to this model, the emotional labor that employees add to their jobs in the coal mining sector increased with the increasing levels of involvement, but whether or not this results in a negative effect on the well-being, satisfaction and general performance of the employees. For example, one of the potential results of this high level of emotional labor taking place in the coal mining sector is increased risk of high rates of burnout amongst, particularly, workers. Research has indicated that those with high levels of emotional labor often experience higher levels of burnout (Cote & Morgan, 2002; Grandey, 2000; Hochschild, 1983) and are therefore at greater risk for adverse mental health (Hochschild, 1983). The literature has also seen emergent lines of inquiry on the gendered occupational structures of emotional labor that women are overrepresented in which can also be seen in the coal mining industry.



Research Gap in emotional labor research for Coal Industry

Research on emotional labor in the coal industry is relatively sparse. Researchers have studied emotional labor in a multitude of service industries, including healthcare, hospitality, and customer service, where even more is at stake: the employee must manage and regulate their emotions as part of their job.

But due to the nature of the coal industry, which is more physical and dangerous than other sectors, it has received less attention in emotional labor studies. Most previous research in coal industry focuses on such topics such as occupational health and safety, job satisfaction, and work-related stress. Though emotional labor is covered in existing coal industry literature, it remains implicit rather than transforming to a primary focus of research.

However, the lack of specific research into emotional labour in the coal industry does not mean that emotional labour is irrelevant or non-existent in the industry. Workers in the coal industry might experience emotional labor too, but it might not have been a hot topic in academia.

Nature of the research paper

The research paper is purely descriptive in nature. The information has been gathered from many published & unpublished research papers, articles etc.

Future Directions of research regarding emotional labor in coal industries

The study of emotional labor in the coal industry presents promising avenues for further research and understanding. Future research on emotional labour in the coal industry could focus on the following aspects:

Longitudinal studies: Conducting longitudinal studies that explore the long-term consequences of emotional labor for coal industry employees with respect to their well-being, job satisfaction and performance. This would help to understand the long-term consequences of emotional labor and possibly what could be done to alleviate negative effects.

Occupation Health and Safety: The impact of emotional labor on occupational health and safety in the coal industry by understanding the effects of emotional labor on workers' safety attitudes and behaviors as well as the broader safety climate, it may be possible to develop strategies that both promote emotional well-being and enhance physical safety.

At once but they all undertaken at sources to use for a particular program, women performed in more highly gendered. This research could help identify potential biases and suggest how the industry can be more inclusive and offer equal opportunity.

Organizational Interventions: Evaluating the efficacy of diverse organizational approaches targeting emotional labor management within the coal industry. It may involve assessing the effectiveness of training programs, support systems, and policies designed to mitigate the negative consequences of emotional labor and enhance the well-being and performance of workers.

Technology and Emotional Labor: Deep diving on the impacts of technology-driven changes on emotional labor in coal. As we find ourselves increasingly working with automated systems and digital interfaces, an important avenue of research that can make a meaningful impact is investigating the relationship between technology, emotional labor requirements and job roles and well-being among workers that can inform workplace policies that effectively manage emotional labor as this work continues to evolve.

Cross-cultural detection: Perform cross-cultural detection of emotional labor in the coal industry from different regions or countries. This may help uncover what works in different cultures, such as what cultural/demographic factors are present in the demands of emotional labor, the coping strategies to mitigate the impact of emotional labor on workers, and the impact, if any, of emotional labor on the well-being of the workers in different cultural settings.



The Role of Leadership: Personal factors of leadership in controlling the emotional labor in coal industries Insights into our leaders' styles, behaviors, and practices that can cultivate an emotionally healthy workplace and help mitigate the dangers of emotional labor should not be wasted.

These and other research directions would allow us to expand our understanding of emotional labor in the coal industry and provide evidence-based recommendations to promote coal industry worker well-being and effectiveness. Research of this type can help create healthier environments at work, higher satisfaction levels, and sustainable coal industry practices.

Need of research on emotional labor in Coal Industry

Emotional labor is not limited to the service industries like hospitality, health care, and customer service, but as this lesson shows us, emotional experiences and challenges can still exist in any job including the coal industry. Of course, coal miners face stress: they work under unsafe conditions; they fear accidents; and they must constantly strive to meet production goals. It can bring upon a set of emotions such as fear, anxiety and frustration in light of these circumstances.

The mental health and well-being of coal workers is an important aspect to focus on here as they may be struggling emotionally and with stress from their place of work. Addressing the emotional side of the job and the well-being of coal industry workers can be improved using support systems, resources for mental health, and a healthy work environment.

Role of HR professionals in performing emotional labour in coal industry

Even though training, recruitment, employee relations, and policy implementation are some of the key responsibilities of an HR professional, it often involves a considerable amount of emotional labor to manage and support the workforce effectively. Some examples of emotional labor that HR professionals in the coal industry might perform include:

HR staff may offer support and counselling services to employees encountering personal or workplace adversity. This can be anything from listening closely, providing empathy and guidance, helping people manage stress, providing advice to help people through tough times

Conflict mediation: HR professionals are often mediators of conflicts and disagreements that arise in the workplace. They might have to handle feelings, be dispassionate, and broker helpful discussions to reach resolutions that appease every stakeholder.

This involves providing support in areas such as workplace accidents and workers compensation, employee well-being and mental health and employees rights. By organizing team-building activities, recognition programs, and employee wellness initiatives, they would work to bolster job satisfaction and holistic well-being. That can often mean showing enthusiasm, empathy, and support to make a positive emotional climate.

Supporting transitions: During transitions caused by coal industry pressures, the HR professional manages the organization, its people, and impacts on its culture. That includes (among other things) breaking bad news, providing information about re-employment resources, and offering emotional as well as financial support during times of uncertainty and transition.

Diversity and inclusion: HR professionals also deal with diversity and inclusion at work, something that can also be promoted within the coal industry. This may involve developing programs or policies that benefit both and ensuring that bias and discrimination are addressed and a sense of belonging exists within the structures. The courage to have difficult conversations, challenge the status quo, be there and support people from different backgrounds requires emotional labor as well.As such, the amount of emotional labour done by-HR professionals in the coal industry will be highly dependent on the company culture and context. Some have a dedicated emotional support provider position or range of resources, while others incorporate soft emotional work into the HR professional general role.



Factors affecting Emotional Labor in the Coal Industry

By going through the literature related to the emotional labor and coal industry, following factors have been drawn out.

Emotional Labor in Coal Mining: These individuals are at risk of emotional labor due to the physically demanding and hazardous nature of coal mining. Constant exposure to risks, accidents, and difficult working conditions can accentuate the need for emotional control, to stay calm, and cope with stress.

Organisational Climate: The culture and work climate in the coal industry impacts the expectations and demands for emotional labour. According to Hwang, if the workplace has strict hierarchies, high performance expectations, or a culture that expects workers not to express emotions openly, workers may need to suppress their emotions or regulate their emotions to fit in with these norms.

Customer Interactions and Public Relations: In positions that require interfacing with stakeholders such as community members, environmental groups, or regulatory agencies, emotional labor may need to be applied to effectively cultivate these relationships. In the context of coal, professionals may have to empathise, consider concerns, and show the industry as positive as they deal with their own emotions and react to emotional demands from outside.

Disruptive Change and Uncertainty: The coal industry has undergone severe transformation in the past few years -- both policies to move toward cleaner energy sources and coal mine closures and layoffs. These transitions may generate emotional challenges and uncertainty for workers, making emotional labor an essential component of navigating impacts, communicating changes, and supporting during times of transition.

Moderators in relationship between emotional labour and its impacts on coal industry

Moderators in the relationship between emotional labor and its impacts are factors that can potentially influence or alter the effects of emotional labor on individuals or outcomes. These moderators can either amplify or buffer the impact of emotional labor. Here are some common moderators that moderate the emotional labor and outcomes in coal industry may follow.

Social support: The existence of supportive relationships, both in the workplace and outside can protect against the negative effects of emotional labor. Social support networks, such as family or friends, can offer emotional validation, advice and resources that can help individuals cope with the demands of emotional labor in the coal industry.

Access to job resources, including autonomy, control, and decision-making authority, will affect how individuals cope with emotional labor. Access to adequate resources is essential for minimizing emotional strain in the coal industry and ensuring an increased capacity to regulate emotions successfully.

Emotional Intelligence: Individual differences in emotional intelligence, which includes recognition, understanding, and regulation of emotions can mediocrely predict how well individuals will cope with emotional labor. Emotional intelligence allows the coal industry to better manage their emotions in relation to their work and improve the quality of life during a stressful process.

Organizational Climate and Support: The setting in which emotional labor is performed — the culture of the workplace, the conduct of superiors, and the existence of supportive policies — can impact the effects of emotional labor. A positive organizational climate — one that prioritizes employee well-being, offers resources, and acknowledges the costs of emotional labor — can help ease the negative repercussions.

Emotion Display Rules: When coal industry workers are expected to display certain emotions whilst performing their job, this can mediate the effects of emotional labor. When



display rules of personal and organization are aligned to high degree, emotional labor imposed on individuals will likely be less intense.

Emotional labor coping strategies: Individuals may use different coping strategies to cope with the demands of emotional labor. Positive coping mechanisms like seeking social support, engaging in self-care activities, or mindfulness may reduce impact on physiological and or psychological health.

It's important to remember that these moderators can interact and influence each other and their impact may depend on individual and situational factors. These moderators present ideas that organizations can utilize to create approaches to assist coal industry employees in coping with the dual emotional demands of their work role while minimizing the possible personal consequences.

Mediators in the relationship between emotional labor and its impacts

Mediators in the relationship between emotional labor and its outcomes are entities that elucidate or convey the influence of emotional labor on a person or an outcome. These mediators shed light on the mechanisms that underpin emotional labor's effects on multiple facets of people's experiences and well-being. The following are several common potential mediators in the relationship between emotional labor and its consequences in the coal industry:

Job Satisfaction: Job satisfaction could mediate the association between emotional labor and its consequences. Previous literature indicates that being required to use emotional labor that is in line with personal values/motives, as well as when accompanied with job autonomy and support, can lead to higher job satisfaction. On the flip side, if you experience a lot of emotional labor but have low control over your role or low support, you're less likely to be satisfied with your job.

Burnout: The most-studied mediator of the emotional labor–outcome relationship is burnout, a syndrome defined by emotional exhaustion, cynicism and diminished personal accomplishment that can mediate the emotional labor/its outcomes relationship. Coal is considered a "high-touch" business requiring extensive contact with various stakeholders, which leads to significant emotional labor demand, and since burnout affects the quality of job performance, job satisfaction, and general well-being of an employee, coal's exhausting work contributing towards burnout is an issue of concern for the minute details of healthy business units.

Higher Psychological Strain: Emotional labor could make the individual vulnerable resulting in an increase in psychological strain such as anxiety, depression, etc. Emotional labor associates with psychological distress, with the impact on psychological distress being mediated by emotional labor and associated with mental health and well-being.

Work–family conflict: The emotional effort involved in the coal industry, combined with the need for emotional regulation, can carry over into people's personal lives, resulting in work-family conflict. The implications of emotional labor in the family can be mediated through work-family conflict.

Job performance: The direct and indirect effect of emotional labor on job performance. Emotional labor can affect job performance both directly (through its direct relationship with performance) and indirectly (by affecting such things as burnout, job satisfaction, and psychological strain). Emotional labor is a great cause of strain, which can negatively affect cognitive performance, people skills, and general job performance.

Customer Satisfaction: In the context of customer interaction, emotional labor is of paramount importance. Emotional performances of coal industry workers can affect customer satisfaction and, subsequently, are likely to affect organizational reputation, customer loyalty, and business results.



These mediators are helpful in understanding the impact of emotional labor in the coal industry on different outcomes and experiences. By understanding these mechanisms, organizations may identify potential intervention strategies and develop supportive contexts that can dampen the negative consequences of emotional labor and enhance positive outcomes for employees.

Impact of Emotional Labor in the Coal Industry

Emotional exhaustion: Constantly needing to regulate one's emotions and loneliness throughout all hours of the day generally results in emotional exhaustion, burnout, and low psychological well-being among coal industry workers. The burden of emotional labor may lead to stress-induced mental health disorders, including anxiety and depression.

Emotional Demands and Turnover: The demanding and emotional strain of coal work can also affect job satisfaction and turnover in the coal industry. Research suggests when employees do not receive sufficient recognition and support for high levels of emotional labour, they are more likely to leave for alternative job prospects [9].

Work-Family Balance: In the coal industry, workers experience emotional labor that can impact their families and work-life balance. The energy needed to control emotions during work hours can consume personal emotional resources and affect relationships and well-being out of work.

Client-Customer-Community: Because emotional labour exists in the coal industry, depending on the context it may affect the interactions of employees with clients, customers, or members of the community. Emotions are highly contagious and as such, positive displays of feelings such as empathy or active listening, can help enhance relationships and your industry's public image. In contrast, emotional labor conflicts or differences in emotion management versus internally experienced emotion can negatively affect public trust and customer satisfaction.

This article will analyze the work emotional labor in coal industry by conceptualizing aspects influencing on emotional labour, patterns of emotional labour, fixed attitudes towards work, emotional management, and so forth, and it will summarize some of the brief accounts for emotional labor in coal industry. In a coal organization, they can offer support systems, training and resources for emotional well-being; policymakers and industry stakeholders can try to establish a culture of support and address the emotional nature of the coal sector.

Conclusion

Clearly, emotional labor and its effects on coal industry make it so that the cares of the workers are a factor that deserve to be mentioned. It, like so many other industries, involves interactions and relationships in which emotions are managed and emotional labour is performed.

The coal industry provides some insight into the experience of emotional labor because its practices are shaped by many variables. The interactions with customers, the organizational culture, the job demands, and the occupational risks that coal industry workers encounter all contribute to making the emotional labor experienced by coal industry workers unique. The specific demands and expectations of customers can lead to challenges in emotional labor when employees try to create what the customer expects while still controlling their own emotions. In the coal industry, emotional labor can have both positive and negative effects. Routinely applying emotional labor can contribute to improved customer satisfaction, increased stakeholder engagement, and a better culture of work. Excessive emotional labor demands on coal industry workers, on the other hand, can lead to emotional exhaustion, burnout, and reduced job satisfaction. Still another pillar of Dr. Freudenberg's approach is to respond to the physical dangers and stressors associated with the coal industry that can compound or be compounded by the emotional labor that coal workers endure.



Bringing attention to emotional labor in the coal industry Organizations in the coal industry must acknowledge the emotional labor that employees are engaged in to combat these challenges. Mitigating the Effects of Emotional LaborIn order to mitigate the negative effects of emotional labor and support employees, organizations can focus on creating a supportive organizational culture, offering resources for emotional well-being, and implementing strategies to manage emotional labor. This encompasses facilitating open communication, offering training and support, and encouraging work-life balance.

More research is needed to better understand the determinants of emotional labor in the coal industry, as well as the impact of emotional labor on workers' well-being and job performance over time. And, by acknowledging the elements of emotional labor, the coal industry can begin to make strides toward establishing healthier workplaces and the overall health of its labor force.

References-

- 1. Abery, E., & Gunson, J. (2016). The Higher Education Emotional Labour Model: Impacts on well-being and stress in university teachers. *Educational Management Administration & Leadership*.
- 2. Côté, S., & Morgan, L. M. (2002). A longitudinal analysis of the association between emotion regulation, job satisfaction, and intentions to quit. *Journal of Organizational Behavior*, 23(8), 947–962.
- 3. Grandey, A. A. (2000). Emotional regulation in the workplace: A new way to conceptualize emotional labor. *Journal of Occupational Health Psychology*, 5(1), 95–110.
- 4. Hochschild, A. R. (1983). *The managed heart: Commercialization of human feeling*. University of California Press.
- James, C., Collie, R. J., & Little, T. D. (2018). Correlates of psychological distress among workers in the mining industry in remote Australia: Evidence from a multi-site crosssectional survey. *PLOS ONE*, *13*(12), e0209377. https://doi.org/10.1371/journal.pone.0209377
- Kim, H., & Lee, K. (2021). Association of stress management with the success of smoking cessation in Korean female emotional labor workers for service and sales. *International Journal of Environmental Research and Public Health*, 18(6), 3023. https://doi.org/10.3390/ijerph18063023
- Li, L., Yang, J., Wu, M., Wang, J., & Long, R. (2021). A comprehensive model of the relationship between miners' work commitment, cultural emotion, and unemployment risk perception. *Sustainability*, 13(5), 2995. https://doi.org/10.3390/su13052995
- 8. Li, L., et al. (2022). The impacts of workplace environment on coal miners' emotion and cognition depicted in a mouse model. *Frontiers in Behavioral Neuroscience*, *16*, 896545. https://doi.org/10.3389/fnbeh.2022.896545
- 9. Mikhailov, V. G., Karasev, V., & Mikhailov, G. (2018). The study of the main indicators of the local environmental and economic system "Industrial enterprise-environment." *E3S Web of Conferences*, *41*, 02015. https://doi.org/10.1051/e3sconf/20184102015
- 10. Mira, M. C. (2021). Emotional management in the workplace of the Spanish population: Quantitative analysis through the construction of an emotional quality index at work and its link to social structure. *Debats. Journal on Culture, Power and Society, 5*(3).
- Okpu, T., & Gift, J. E. (2021). The effect of emotional labor on workers' job satisfaction in Nigerian money deposit banks. *The International Journal of Business & Management*, 9(1). https://doi.org/10.24940/theijbm/2021/v9/i1/bm2101-041



- Yang, L., Wang, X. Z., Zhu, J., Sun, L., & Qin, Z. (2022). Comprehensive evaluation of deep coal miners' unsafe behavior based on HFACS-CM-SEM-SD. *International Journal* of *Environmental Research and Public Health*, 19(17), 10762. https://doi.org/10.3390/ijerph191710762
- 13. Yang, X., et al. (2020). Signal game analysis on the effectiveness of coal mine safety supervision based on the affective events theory. *Journal of Advanced Mining Safety*, 5(2), 71–80. https://doi.org/10.1155/2020/5710419
- 14. Zolotukhin, V., Zolotukhina, N., Yazevich, M., Rodionov, A. S., & Kozyreva, M. (2017). Ideological paradigms and their impact on environmental problems solutions in coal mining regions. *E3S Web of Conferences*, 21, 04008. https://doi.org/10.1051/e3sconf/20172104008