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Introduction

The Institution of Occupational Safety and Health (IOSH), the Chartered body for occupational safety and health (OSH) professionals, has around 48,000 members in 130 countries. We welcome the opportunity to respond to the important European Commission consultation White Paper on Artificial Intelligence and are pleased to provide this list of reference material used to inform our online response. For more information about IOSH and our work, please see www.iosh.com and <https://iosh.com/resources-and-research/our-research-programme/>.

References used to inform the IOSH submission

- De Stefano, 'Negotiating the Algorithm': Automation, Artificial Intelligence and Labour Protection *Comparative Labor Law & Policy Journal*, Vol. 41, No. 1, 2019.
- European Agency for Safety and Health at Work. *Foresight on new and emerging occupational safety and health risks associated with digitalisation by 2025*. Bilbao: EU-OSHA, 2018.
- European Commission. *High Level Expert Group on Artificial Intelligence: Ethics guidelines for trustworthy AI*. Brussels: EC, 2019.
- Horton J, Cameron A, Devaraj D, Hanson RT, Hajkowicz SA. *Workplace Safety Futures: The impact of emerging technologies and platforms on work health and safety and workers' compensation over the next 20 years*. Canberra: CSIRO, 2018.
- International Labour Organization. *Safety and Health and the Future of Work*. ISBN 978-92-2-133153-7 (print); 978-92-2-133154-4 (web pdf) Geneva: ILO, 2019.
- Moore, P. European Agency for Health and Safety at Work. *OSH and the Future of Work: benefits and risks of Artificial Intelligence tools in workplaces*. Bilbao: EU-OSHA, 2019.
- Naylor, S. *Rise in industry use of AI technologies in workplaces and future challenges for health and safety*. London: Lloyds Register Foundation blog, 2019.
- National Institute of Occupational Safety and Health (NIOSH). *Artificial Intelligence. Implications for the future*. Ohio, USA: NIOSH, 2019.
- Ponce Del Castillo, A. *Labour in the age of AI: why regulation is needed to protect workers*. Brussels: European Trade Union Institute, 2020.
- Ponce Del Castillo, A. *A law on robotics and artificial intelligence in the EU?* Brussels: European Trade Union Institute, 2017.

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