European Agency for Safety and Health at Work

Bibliography for the Workers' Exposure Survey on cancer risk factors in Europe

European Agency for Safety and Health at Work

Table of Contents

1 Introduction

This document contains the list of references that were used to support the Workers' Exposure Survey (WES) estimations of exposure to cancer risk factors (completed in November 2022). It includes peer reviewed publications and grey literature, for example technical reports from the European Commission (EC) or from national and international institutes. Sources available online only (published in websites) are also referenced, and were last accessed at the time of finalization of this document (March 2023).

The WES survey uses a custom-made version of the software OccIDEAS, an online application which provides automatic assessments of exposure to predefined occupational chemicals and other risk factors based on a set of questionnaires answered by workers. WES provides estimates of workers' exposure to 24 cancer risk factors including industrial chemicals, inorganic dusts, organic dusts, metals, oils, products of combustion, solvents, and radiation **(Table 1).**

Table 1 cancer risk factors in WES

industrial chemicals
1,3 butadiene
acrylamide
diethyl/dimethyl sulphate
Epichlorohydrin
ethylene oxide
formaldehyde
ortho-toluidine
inorganic dusts
asbestos
Respirable crystalline silica
organic dusts
leather dust
wood dust
metals
arsenic
cadmium
chromium VI
cobalt
Lead (inorganic) and compounds
nickel
oils
mineral oils (as mists)
products of combustion
Diesel engine exhaust emissions
solvents
benzene
trichloroethylene
radiation
ionising radiation
artificial UV radiation (including ocular UV)
solar UV radiation (including ocular UV)

The bibliography for WES is presented in this document following the structure of the survey. In WES, each occupation is called a *job module*, and WES contains 50 job modules in total with pertinent questions. The bibliography used to support exposure assessment in each job module can be found in section 2.1 *"Job Modules".* Additionally, daily tasks that are carried out by workers and that may occur in several occupations are covered by *task modules*. An example of a task module in WES is "cleaning hands", an activity conducted by workers in many occupations. WES proposes 41 different task modules, and the references to support exposure assessment for each of them are listed in section 2.2 *"Task Modules".*

Table 2 presents the correspondence between job modules and task modules in WES. It shows which task modules have additionally been considered and linked to each job module. A few job modules consist of task modules only, such as for example the job module for Drivers and Transport Workers (DRIV) or the one for Fitter, Machinist and Maintenance Mechanic (FAMM). In these cases, to consult the bibliography for these job modules, the reader is directed to the bibliography of the relevant task modules, according to the information provided in Table 2.

Finally, references not directly linked to the assessment of exposure in WES but that provide relevant background information to the WES survey are listed at the end of the document in 2.3 as *"Other References"*

Table 2. Correspondence between job modules (rows) and task modules (columns) in WES*

	aART	aASR	aAUV	aBBU	aBED	aCLH	aCON	aCTO	aCTS	aCTW	aDEG	aDVM	aEMB	aENU	aFAB	aFFL	aFPE	aFTC	aFUM	aFUR	aGAL	aGEX	aGLU	aGUN	aMAC	aMAH	aMXR	aPAI	aPES	aPTL	aSAN	aSER	aSHP	aSLD	aSTE	aSTP	aUVR	aVEX	aWEL	aWOP	aXRY
AIRT			x			x		x			x	x				x		x	x												x		x			x	x	x		x
ANIM					x	x						x					x						x					x									x	x			
ARTF	x					x		x	x	x	x						x						x					x			x			x			x		x		
CERA	x					x			x		x									x			x					x			x					x	x		x		
CHEM			x			x		x			x	x														x									x			x			x
CLNR						x						x			x		x	x														x					x				
CONS		x				x		x	x	x	x	x					x		x			x	x					x			x	x	x	x		x	x	x	x	x	x
DRIV						x	x	x			x	x						x								x											x				
DRYC						x						x			x																										
FAMM		x				x		x		x	x	x		x			x	x		x		x	x		x			x			x	x		x		x	x	x	x		x
FARM		x		x	x	x		x		x	x	x					x	x				x	x					x	x		x			x		x	x	x	x		
FIRE		x				x		x		x		x					x																				x	x			
FLOR						x						x											x						x								x	x			
FOOD			x			x						x										x															x	x			
FORE				x		x	x	x		x		x					x					x					x										x	x		x	
FOUN						x		x		x	x																				x		x					x	x	x
FUNR						x				x		x	x		x													x									x	x			
GARD		x		x		x		x		x	x	x					x	x				x	x					x	x		x	x		x		x	x	x		
GENE						x			x	x	x	x											x			x		x			x			x			x	x	x		
HAIR			x			x									x																										
HLTH						x						x	x								x						x		x	x					x		x				
IMAR			x			x		x	x	x	x	x										x	x		x			x			x	x		x		x		x	x	x	x
JANI		x		x		x				x	x	x			x		x	x				x	x					x	x		x	x		x		x	x	x	x		
LABC			x			x				x		x									x					x		x	x					x			x	x			
LEAT						x																																			
LINE						x		x				x		x			x					x									x			x			x	x	x		x
MECH						x		x			x	x						x				x	x					x			x			x		x	x	x	x		
MFAC						x		x			x											x																			x
MINE						x						x					x					x										x					x	x			
MUSI						x						x										x															x	x			
OFFW												x				x																					x	x			
OPET		x				x					x	x						x	x													x	x				x				
PESA						x					x	x						x																			x				
POLI						x						x							x					x									x				x				
PRIN			x			x					x	x																x													
PRMM						x						x										x									x				x					x
RAIL						x		x			x	x					x	x				x	x			x		x	x		x			x			x		x	x	
RDSD						x						x										x															x				
RETA						x	x					x																									x				
ROAD		x				x			x			x					x											x									x				
RUBB						x					x	x											x			x											x				x
SEWG						x						x																	x			x					x				
SHIP						x	x	x		x	x	x					x	x	x			x	x			x		x			x		x	x		x	x		x		x
SHOE						x						x											x																		
STOR						x	x					x														x						x					x				
TEAC	x					x		x	x	x	x	x					x						x	x				x			x			x		x	x		x		
TEXT						x						x			x								x																		
UPHO						x		x		x		x			x		x					x	x					x			x			x			x		x		
WAMA						x		x		x		x		x			x					x							x			x					x		x		
WELD						x		x			x	x		x								x															x		x		x

**Short descriptions for the acronyms used in job and task modules are provided in the Table of Contents above.*

2 List of references

2.1 Job Modules

AIRT_Air Transport Workers

Carlton, G.N., Smith, L.B. 'Exposures to jet fuel and benzene during aircraft fuel tank repair in the U.S. Air Force', *Applied Occupational and Environmental Hygiene*, 2000, 15(6):485-91.

Chen, L., Eisenberg, J. 'Health Hazard Evaluation Program report: Exposures to lead and other metals at an aircraft repair facility and flight school facility', NIOSH (National Institute for Occupational safety and Health), CDC (Centers for Disease Control and Prevention), 2013, Report No. 2012-0115-3186.

European Chemicals Agency (ECHA). 'Proposal by the European Chemical Agency (ECHA) in support of occupational exposure limit values for benzene in the workplace', 2017. Available at: https://echa.europa.eu/documents/10162/214b2029-82fd-1656-1910-3e18d0906999

Faroon, O., Mandell, D., Navarro, H. 'Toxicological Profile: JET FUELS JP-4 AND JP-7', *Toxicological Profiles*, ATSDR (Agency for Toxic Substances and Disease Registry), 1995, pp.79-95. Available at: https://www.atsdr.cdc.gov/toxprofiles/tp76-c5.pdf

Institut de Radioprotection et de sûreté nucléaire. La radioprotection des travailleurs. Exposition professionelle aux rayonnements ionisants en France: bilan 2017. Available at: https://www.irsn.fr/FR/expertise/rapports_expertise/radioprotection-homme/Pages/Bilan-2017-exposition-professionnelle-rayonnements-ionisants-France.aspx#.Y3ORr3bMKUk

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D. Radiation*. Lyon, France: IARC,2010.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC, 2012

Merchant-Borna, K., Rodrigues, E.G., Smith, K.W., Proctor, S.P., McClean, M.D. 'Characterization of inhalation exposure to jet fuel among U.S. Air Force personnel', *The Annals of Occupational Hygiene*, 2012, 56(6):736-45.

Park, W.J., Gu, H.M., Lee, S.H., 'Blood lead level and types of aviation fuel in aircraft maintenance crew', *Aviation, Space, and Environmental Medicine*, 2013, 84(10):1087-91.

Pleil, J.D., Smith, L.B., Zelnick, S.D. 'Personal exposure to JP-8 jet fuel vapors and exhaust at air force bases', *Environmental Health Perspectives*, 2000, 108(3):183-192.

ANIM_Animal Worker

International Agency for Research on Cancer. *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. 2012, Lyon, France: IARC, 2012

Jackson, S. 'Respirable crystalline silica exposure in Western Australian horse riding instructors', Australian Institute of Occupational Hygienists Inc, 33rd Annual Conference & Exhibition, 2015.

Nieuwenhuijsen, M.J., Noderer, K.S., Schenker, M.B., Vallyathan, V., Olenchock, S. 'Personal exposure to dust, endotoxin and crystalline silica in California agriculture', *The Annals of Occupational Hygiene*, 1999, 43(1):35-42.

Parks, C.G., Cooper, G.S., Nylander-French, L.A., Storm, J.F., Archer, J.D. 'Assessing exposure to crystalline silica from farm work: a population-based study in the Southeastern United States', *Annals of Epidemiology*, 2003, 13(5):385–392

Swanepoel, A.J., Kromhout, H., Jinnah, Z.A., Portengen, L., Renton, K., Gardiner, K., Rees, D. 'Respirable dust and quartz exposure from three South African farms with sandy, sandy loam, and clay soils', *The Annals of Occupational Hygiene*, 2011, 55(6):634-643.

Swanepoel, A.J., Rees, D., Renton, K., Swanepoel, C., Kromhout, H., Gardiner, K. 'Quartz exposure in agriculture: literature review and South African survey', *The Annals of Occupational Hygiene*, 2010, 54(3):281-292.

ARTF_Artist/Film Processing

College of Saint Benedict, Saint John's University, Environmental Health and Safety, Photography Chemicals. Available at: https://www.csbsju.edu/environmental-health-safety/programs/studio-and-shop-safety/arts-theater/photography-chemicals

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 49. Chromium, Nickel and Welding*. Lyon, France: IARC, 1990.
International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC, 2012.
National Industrial Chemicals Notification and Assessment Scheme (NICNAS). 'Priority existing chemical assessment report no. 28: Formaldehyde', Australian Government, Department of Health and Ageing, NICNAS, 2006, pp. 171.

CERA_Ceramics Glass Production

Baldwin, P.E., Yates, T., Beattie, H., Keen, C., Warren N. 'Exposure to respirable crystalline silica in the GB brick manufacturing and stone working industries', *Annals of Work Exposures and Health*, 2019, 63(2):184-96.
Beamer, B.R., Shulman, S., Maynard, A., Williams, D., Watkins, D. 'Evaluation of misting controls to reduce respirable silica exposure for brick cutting', *The Annals of Occupational Hygiene*, 2005, 49(6):503-10
Burgess, G.L. 'Development of an exposure matrix for respirable crystalline silica in the British pottery industry', *The Annals of Occupational Hygiene*, 1998, 42(3):209-17.
Friberg, L., Ohman, H. Silicosis hazards in enamelling. A medical, technical and experimental study. *Brit. J. Industr. Med.*, 1957, 14(85).
Garcia, A., Jones, E., Echt, A.S., Hall, R.M. 'An evaluation of an aftermarket local exhaust ventilation device for suppressing respirable dust and respirable crystalline silica dust from powered saws', *Journal of Occupational and Environmental Hygiene*, 2014, 11(11):D200-7.
Glass Alliance Europe. Respirable crystalline silica in the glass industries. Available at: https://www.glassallianceeurope.eu/images/cont/glass-alliance-europe-statement-on-respirable-crystalline-silica_file.pdf
IFA Report 6/2020e: Occupational exposure to the inhalable and respirable dust fractions. Available at: https://publikationen.dguv.de/forschung/ifa/ifa-report/4321/ifa-report-6/2020e-occupational-exposure-to-inhalable-and-respirable-dust-fractions
International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 68. Silica, Some Silicates, Coal Dust and para-Aramid Fibrils*. Lyon, France: IARC, 1997
International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C*. Arsenic, metals, fibres, and dusts. Lyon, France: IARC, 2012
Institute of Occupational Medicine (IOM). Research Project P937/8. 'Health, socio-economic and environmental aspects of possible amendments to the EU Directive on the protection of workers from the risks related to carcinogens and mutagens at work', Interim report on respirable crystalline silica, European Commission (EC), 2011, Available at: https://ec.europa.eu/social/BlobServlet?docId=10161&langId=en
Liao, C.M., Wu, B.C., Cheng, Y.H., You, S.H., Lin, Y.J., Hsieh, N.H. 'Ceramics manufacturing contributes to ambient silica air pollution and burden of lung disease', *Environmental Science and Pollution Research*, 2015, 22(19):15067-79.
Methner, M. M, Page, E.H. Evaluation of Exposure to Crystalline Silica, Welding Fume, and Isocyanates During Water Heater Manufacturing, 2017. Available at: https://www.cdc.gov/niosh/hhe/reports/pdfs/2015-0076-3282.pdf
Reis, S. T., Koenigstein, M., Fan, L., Chen, G., Pavić, L., & Moguš-Milanković, A. The Effects of Silica on the Properties of Vitreous Enamels. Materials (Basel, Switzerland), 2019, 12(2): 248.
Scancarello, G., Banchi, B., Bruno, G., Dugheri, S., Mucci, N., Arcangeli, G., Capacci, F., Marinaccio, A., Aprea, M.C. 'Creation of a database of occupational and environmental concentrations of crystalline silica dust for the purpose of assessing past and current exposures', *Medicina del Lavoro*, 2020, 111(2):133-50.
Shepherd, S., Woskie, S.R., Holcroft, C., Ellenbecker, M. 'Reducing silica and dust exposures in construction during use of powered concrete-cutting hand tools: efficacy of local exhaust ventilation on hammer drills', *Journal of Occupational and Environmental Hygiene*, 2008, 6(1):42-51.
United States Department of Labor. Table Z-3 Mineral Dusts. Available at: https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.1000TABLEZ3
US Agency for Toxic Substances and Disease Registry, ATSDR. Toxicological Profile for Silica, 2019. Available at: https://www.atsdr.cdc.gov/toxprofiles/tp211.pdf

Verpaele, S., Jouret, J. A Comparison of the Performance of Samplers for Respirable Dust in Workplaces and Laboratory Analysis for Respirable Quartz. *The Annals of Occupational Hygiene*, 2013 Jan;57(1):54-62.

Zhuang, Z., Hearl, F.J., Odencrantz, J., Chen, W., Chen, B.T., Chen, J.Q., McCawley, M.A., Gao, P., Soderholm, S.C. 'Estimating historical respirable crystalline silica exposures for Chinese pottery workers and iron/copper, tin, and tungsten miners', *The Annals of Occupational Hygiene*, 2001, 45(8):631-42.

CHEM_Chemical Pharmaceutical Manufacturing

European Chemicals Agency (ECHA). Acrylamide. Summary Risk Assessment Report, 2002. Available at: https://www.echa.europa.eu/documents/10162/d9e5fe49-8139-4b56-93c1-3aa771f3a659

European Chemicals Agency (ECHA). Dimethyl Sulphate. Summary Risk Assessment Report, 2002. Available at: https://echa.europa.eu/documents/10162/dd7693e6-0573-4e59-8888-b45787970e7a

European Chemicals Agency (ECHA). 'Trichloroethylene - Carcinogenicity dose-response analysis', 2014. Available at: https://echa.europa.eu/documents/10162/13641/tce_carcinogenity_dose-response_analysis_final_report_en.pdf/fbcd4b8d-eab7-4788-bef5-8815b584c5ff

European Chemicals Agency (ECHA). Butadiene. Summary Risk Assessment Report, 2015. Available at: https://www.echa.europa.eu/documents/10162/cf3931bd-8b42-49e2-a0b9-4acc71a37375

European Chemicals Agency (ECHA). Proposal by the European Chemical Agency (ECHA) in support of occupational exposure limit values for benzene in the workplace, 2017. Available at: https://echa.europa.eu/documents/10162/214b2029-82fd-1656-1910-3e18d0906999

European Chemicals Agency (ECHA). Proposal by the European Chemical Agency (ECHA) in support of occupational exposure limit values for nickel and its compounds in the workplace, October 2017. Available at: https://echa.europa.eu/documents/10162/ab027c44-b1c1-8513-378a-ba45c49ecc2c

European Chemicals Agency (ECHA). Committee for Risk Assessment RAC. Opinion on scientific evaluation of occupational exposure limits for Nickel and its compounds, 2018. Available at: https://echa.europa.eu/documents/10162/13641/nickel_opinion_en.pdf/9e050da5-b45c-c8e5-9e5ea1a2ce908335#:~:text=For%20metallic%20nickel%2C%20which%20has,rounded%20as%200.005%20mg%2Fm3

European Chemicals Agency (ECHA). Worker exposure to formaldehyde and formaldehyde releasers, 2019. Available at: https://echa.europa.eu/documents/10162/13641/investigationreport_formaldehyde_workers-exposure_final_en.pdf/ac457a0c-378d-4eae-c602-c7cd59abc4c5

European Chemicals Agency (ECHA). ECHA Scientific report for evaluation of limit values for cadmium and its inorganic compounds at the workplace, 2020. Available at: https://echa.europa.eu/documents/10162/2c23f940-fff8-59ab-43b1-05aadb30042e

European Chemicals Agency (ECHA). Dimethyl sulphate. Brief profile. Available at: https://echa.europa.eu/de/brief-profile/-/briefprofile/100.000.963

Federal Institute for Occupational Safety and Health (BAuA). Risk Management Option Analysis Conclusion Document. Nickel sulphide and trinickel disulphide, 2017. Available at: https://www.reach-clp-biozid-helpdesk.de/SharedDocs/Downloads/DE/REACH/Verfahren/RMOA-Conclusions/REACH-RMOA-Nickel-sulphide-trinickel-disulphide-Conclusion.pdf?__blob=publicationFile&v=1

Federal Institute for Occupational Safety and Health (BAuA). Substance Evaluation Report. Buta-1,3-diene, 2015. Available at: https://echa.europa.eu/documents/10162/8f901e1e-bdb6-308b-8701-44f0aeb1df6f

Formacare. Voluntary agreement and workplace safety. Formaldehyde, 2021. Available at: https://www.formacare.eu/voluntary-agreement-and-workplace-safety/

Formacare. Voluntary agreement second campaign-Results, 2021. Available at: https://www.formacare.eu/wp-content/uploads/2021/05/Formacare-VA-2st-report-final-12052021.pdf

HBM4EU science and policy for a healthy future. Occupational exposure to Cr(VI). Research Brief. Available at: https://www.hbm4eu.eu/wp-content/uploads/2018/10/Brief_Exposure_CRVI_EN.pdf

IFA Report 6/2020e: Occupational exposure to the inhalable and respirable dust fractions. Available at: https://publikationen.dguv.de/forschung/ifa/ifa-report/4321/ifa-report-6/2020e-occupational-exposure-to-inhalable-and-respirable-dust-fractions

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 60. Some industrial chemicals*. Lyon, France: IARC 1994.

International Agency for Research on Cancer (IARC*). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 71. Re- evaluation of some organic chemicals, hydrazine and hydrogen peroxide*. Lyon, France: IARC, 1999.

International Agency for Research on Cancer (IARC). IARC Monographs *on the Evaluation of Carcinogenic Risks to Humans, Volume 88. Formaldehyde, 2-Butoxyethanol and 1-tert-Butoxypropsan-2-ol*. Lyon, France: IARC,2006.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 97. 1,3-Butadiene, Ethylene Oxide and Vinyl Halides (Vinyl Fluoride, Vinyl Chloride and Vinyl Chloride)*. Lyon, France: IARC, 2008.

International Agency for Research on Cancer (IARC*). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 99. Some aromatic amines, organic dyes and related exposures*. Lyon, France: IARC, 2010.

International Agency for Research on Cancer (IARC*). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012

International Agency for Research on Cancer (IARC*). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations.* Lyon, France: IARC, 2012

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 106. Trichloroethylene, tetrachloroethylene, and some other chlorinated agents*. Lyon, France: IARC 2012.

International Agency for Research on Cancer (IARC*). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 125. Some industrial chemical intermediates and solvents*. Lyon, France: IARC, 2020.

Kendzia, B, Pesch, B., Koppisch D., Van Gelder, R., Pitzke, K., Zschiesche, W., Behrens, T., Weiss, T., Siemiatycki, J., Lavoué J., Jöckel, K.H., Stamm, R., Brüning,T. 'Modelling of occupational exposure to inhalable nickel compounds', *Journal of Exposure Science and Environmental Epidemiology*, 2017, 27 (4): 427-433.

Koh, D-H, Park, J-H, Lee, S-G, Kin, H-C, Choi, S, Jung, H, Kim, I, Park, D. 'Development of Korean CARcinogen Exposure: An Initiative of the Occupational Carcinogen Surveillance System in Korea'. *Annals of Work Exposures and Health*, 2021, 528-538.

Moorman, W.J., Reutman, S.S., Shaw, P.B., Blade, L.M., Marlow, D., Vesper, H., Clark, J.C., Schrader, S.M. 'Occupational exposure to acrylamide in closed system production plants: air levels and biomonitoring', *Journal of Toxicology and Environmental Health, Part A*, 2012, 75(2):100–111.

National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention. Assessment of exposure to o-toluidine and other aromatic amines in a rubber chemical manufacturing plant. Exposure Assessment Update Documentation Report, 2009. Available at: https://www.cdc.gov/niosh/topics/oT/pdf/Site-visit-report-2009.pdf

U.S. National Toxicology Program. 15th Report on Carcinogens, 2021. Available at: https://ntp.niehs.nih.gov/whatwestudy/assessments/cancer/roc/index.html?utm_source=direct&utm_medium=prod&utm_campaign=ntpgolinks&utm_term=roc

CLNR_Cleaner

European Chemicals Agency (ECHA). 'Substance Infocard: Naphta (petroleum), hydrotreated heavy', 2021, Available at: https://echa.europa.eu/substance-information/-/substanceinfo/100.059.210

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 62. Wood dust and Formaldehyde*. Lyon, France: IARC, 1995.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012

International Agency for Research on Cancer (IARC*). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D. Radiation*. Lyon, France: IARC, 2012.

International Agency for Research on Cancer (IARC). International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC, 2012

Johnson, S.C. - A Family Company. 'Safety Data Sheet of Pledge Aerosol – Classic', 2021, Available at https://cdn3.evostore.io/documents/spicers/coshh_112670.pdf

CONS_Construction Trades

Douwes, J., Cheung, K., Prezant, B., Sharp, M., Corbin, M., McLean, D., 't Mannetje, A., Schlunssen, V., Sigsgaard, T., Kromhout, H., LaMontagne, A.D. 'Wood dust in joineries and furniture manufacturing: an exposure determinant and intervention study', *Annals of Work Exposures and Health*, 2017, 61(4):416-28.

Flanagan, M.E., Seixas, N., Majar, M., Camp, J., Morgan, M. 'Silica dust exposures during selected construction activities', *AIHA Journal*, 2003, 64(3):319-28.

Hodgson, A.T., Wooley, J.D., Daisey, J.M. 'Emissions of volatile organic compounds from new carpets measured in a large-scale environmental chamber', *Air Waste*, 1993, 43(3):316-24.

Lumens, M.E., Spee, T. 'Determinants of exposure to respirable quartz dust in the construction industry', *The Annals of Occupational Hygiene*, 2001, 45(7):585-95.

IFA Report 6/2020e: Occupational exposure to the inhalable and respirable dust fractions. Available at: https://publikationen.dguv.de/forschung/ifa/ifa-report/4321/ifa-report-6/2020e-occupational-exposure-to-inhalable-and-respirable-dust-fractions

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 62. Wood dust and Formaldehyde*. Lyon, France: IARC, 1995.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012

Rühl, R., Wirth, O. Reducing respirable crystalline silica dust effectively on construction sites. European Institute for Construction Labour Research CLR Studies 9, 2021. Available at: https://www.efbww.eu/publications-and-downloads/reports-and-studies/reducing-respirable-crystalline-silica-effectively-on-constructi/1601-a

Shin, S.H., Jo, W.K. 'Volatile organic compound concentrations, emission rates, and source apportionment in newly-built apartments at pre-occupancy stage', *Chemosphere*, 2012, 89(5):569-78.

Spee, T., Hoof, E.V., Hoof, W.V., Noy, D., Kromhout, H. 'Exposure to wood dust among carpenters in the construction industry in the Netherlands', *The Annals of Occupational Hygiene*, 2007, 51(3):241-8.

Wilke, O., Jann, O., Brödner, D. 'VOC- and SVOC-emissions from adhesives, floor coverings and complete floor structures', *Indoor Air*, 2004, 14 supplementary 8:98-107.

DRIV_Driver

The bibliography for this Job Module is contained in Task Modules.

DRYC_Dry Cleaner

Bloom, S., 'Dry cleaning solvents and fluids: An introductory guide', *RAVE FabriCARE: Position Paper,* Available at: https://ravefabricare.com/dry-cleaning-solvents-fluids-introductory-guide/

Gold, L.S., De Roos, A.J., Waters, M., Stewart, P.J. 'Systematic literature review of uses and levels of occupational exposure to tetrachloroethylene', *Journal of Occupational and Environmental Hygiene*, 2008, 5(12):807-39.

Green Earth Cleaning, Safety Data Sheet: Bentonite, Acid Leached. Available at: https://www.greenearthcleaning.com/wp-content/uploads/2018/12/GEC_ACF_SDS_EU.pdf

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012

Jo, W.K., Kim, S.H. 'Worker exposure to aromatic volatile organic compounds in dry cleaning stores', *American Industrial Hygiene Association (AIHA Journal)*, 2001, 62(4):466-71.

FAMM_Fitter, Machinist or Maintenance Mechanic

The bibliography for this Job Module is contained in Task Modules.

FARM_Farmer

Archer, J.D., Cooper, G.S., Reist, P.C., Storm, J.F., Nylander-French, L.A. 'Exposure to respirable crystalline silica in eastern North Carolina farm workers', *AIHA Journal*, 2002, 63(6):750-5.

IFA Report 6/2020e: Occupational exposure to the inhalable and respirable dust fractions. Available at: https://publikationen.dguv.de/forschung/ifa/ifa-report/4321/ifa-report-6/2020e-occupational-exposure-to-inhalable-and-respirable-dust-fractions

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts.* Lyon, France: IARC, 2012

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC, 2012

Institute of Occupational Medecine (IOM), Research Project P937/8. 'Health, socio-economic and environmental aspects of possible amendments to the EU Directive on the protection of workers from the risks related to carcinogens and mutagens at work', Interim report on respirable crystalline silica, European Commission (EC), 2011, Available at: https://ec.europa.eu/social/BlobServlet?docId=10161&langId=en

Jackson, S. 'Respirable crystalline silica exposure in Western Australian horse riding instructors', Australian Institute of Occupational Hygienists Inc, 33rd Annual Conference, 2015, Available at: https://thebeatentrack.org/study/results.html

National Industrial Chemicals Notification and Assessment Scheme (NICNAS). 'Priority existing chemical assessment report no. 28: Formaldehyde', 2006, Sydney.

Nieuwenhuijsen, M.J., Noderer, K.S., Schenker, M.B., Vallyathan, V., Olenchock, S. 'Personal exposure to dust, endotoxin and crystalline silica in California agriculture', *The Annals of Occupational Hygiene*, 1999, 43(1):35-42.

Parks, C.G., Cooper, G.S., Nylander-French, L.A., Storm, J.F., Archer, J.D. 'Assessing exposure to crystalline silica from farm work: a population-based study in the Southeastern United States', *Annals of Epidemiology*, 2003, 13(5):385-392.

Swanepoel, A.J., Kromhout, H., Jinnah, Z.A., Portengen, L., Renton, K., Gardiner, K., Rees, D. 'Respirable dust and quartz exposure from three South African farms with sandy, sandy loam, and clay soils', *The Annals of Occupational Hygiene*, 2011, 55(6):634-643.

Swanepoel, A.J., Rees, D., Renton, K., Swanepoel, C., Kromhout, H., Gardiner, K. 'Quartz exposure in agriculture: literature review and South African survey', *The Annals of Occupational Hygiene*, 2010, 54(3):281-292.

FIRE_Firefighter

Austin, C.C., Dussault, G., Ecobichon, D.J. 'Municipal firefighter exposure groups, time spent at fires and use of self-contained-breathing-apparatus', *American Journal of Industrial Medicine*, 2001, 40(6):683-92.

Austin, C.C., Wang, D., Ecobichon, D.J., Dussault, G. 'Characterization of volatile organic compounds in smoke at experimental fires', *Journal of Toxicology and Environmental Health: Part A*, 2001, 63(3):191-206.

Austin, C.C., Wang, D., Ecobichon, D.J., Dussault, G. 'Characterization of volatile organic compounds in smoke at municipal structural fires', *Journal of Toxicology and Environmental Health: Part A*, 2001, 63(6):437-58. doi: 10.1080/152873901300343470

Baxter, C.S., Hoffman, J.D., Knipp, M.J., Reponen, T., Haynes, E.N. 'Exposure of firefighters to particulates and polycyclic aromatic hydrocarbons', *Journal of Occupational and Environmental Hygiene*, 2014, 11(7):D85-D91.

Bolstad-Johnson, D.M., Burgess, J.L., Crutchfield, C.D., Storment, S., Gerkin, R., Wilson, J.R. 'Characterization of firefighter exposures during fire overhaul', *American Industrial Hygiene Association (AIHAJ)*, 2000, 61(5):636-41.

Brandt-Rauf, P.W., Fallon, L.F., Tarantini, T., Idema, C., Andrews, L. 'Health hazards of fire fighters: exposure assessment', *Occupational and Environmental Medicine*, 1988, 45(9):606-12.

Burgess, J.L., Hoppe-Jones, C., Griffin, S.C., Zhou, J.J., Gulotta, J.J., Wallentine, D.D., Moore, P.K., Valliere, E.A., Weller, S.R., Beitel, S.C., Flahr, L.M., Littau, S.R., Dearmon-Moore, D., Zhai, J., Jung, A.M., Garavito, F., Snyder, S.A. 'Evaluation of interventions to reduce firefighter exposures', *Journal of Occupational and Environmental Medicine*, 2020, 62(4):279-288.

Demers, P., DeMarini, D.M., Fent, K. W., Glass, D.C., Hansen, J., Adetona, O., et al. Carcinogenicity of occupational exposure as a firefighter. *Lancet Oncol*, 2022, 23(8) 985-986. doi: 10.1016/S1470-2045(22)00390-4

Dobraca, D., Israel, L., McNeel, S., Voss, R., Wang, M., Gajek, R., Park, J.S., Harwani, S., Barley, F., She, J., Das, R. 'Biomonitoring in California firefighters: metals and perfluorinated chemicals', *Journal of Occupational and Environmental Medicine*, 2015, 57(1):88.

Domitrovich, J.W., Broykes,G.A., Ottmar, D.R. et al. Wildland Fire Smoke Health Effects on Wildland Firefighters and the Public. Final report, 2017. Fire Science.gov. Available at: https://www.firescience.gov/projects/13-1-02-14/project/13-1-02-14_final_report.pdf

Engelsman M., Snoek M.F., Banks A.P.W., Cantrell P., Wang X., Toms L.M., Koppel D.J. 'Exposure to metals and semivolatile organic compounds in Australian fire stations'. *Environ Res.* 2019 Dec; 179(Pt A):108745. doi: 10.1016/j.envres.2019.108745

Etzel, R.A., Ashley, D.L. 'Volatile organic compounds in the blood of persons in Kuwait during the oil fires', *International Archives of Occupational and Environmental Health*, 1994, 66(2):125-129.

Fabian, T.Z., Borgerson, J.L., Gandhi, P.D., Baxter, C.S., Ross, C.S., Lockey, J.E., Dalton, J.M. 'Characterization of firefighter smoke exposure', *Fire Technology*, 2014, 50(4):993-1019.

Fent, K.W., Evans, D.E. 'Assessing the risk to firefighters from chemical vapors and gases during vehicle fire suppression', *Journal of Environmental Monitoring*, 2011, 13(3):536-43.

Fent, K.W., Evans, D.E., Babik, K., Striley, C., Bertke, S., Kerber, S., Smith, D., Horn, G.P. 'Airborne contaminants during controlled residential fires', *Journal of Occupational and Environmental Hygiene*, 2018, 15(5):399-412.

Fent, K.W., Toennis, C., Sammons, D., Robertson, S., Bertke, S., Calafat, A.M., Pleil, J.D., Wallace, M.A.G., Kerber, S., Smith, D., Horn, G.P. 'Firefighters' absorption of PAHs and VOCs during controlled residential fires by job assignment and fire attack tactic', *Journal of Exposure Science & Environmental Epidemiology*, 2020, 30:338-349, (Supplementary table 2).

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans*, *Volume 98. Painting, Firefighting, and Shiftwork*. Lyon, France: IARC, 2010.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012.

Jankovic, J., Jones, W., Burkhart, J., Noonan, G. 'Environmental study of firefighters', *The Annals of Occupational Hygiene*, 1991, 35(6):581-602.

Kleindienst, T.E., Shepson, P.B., Edney, E.O., Claxton, L.D., Cupitt, L.T. 'Wood smoke: measurement of the mutagenic activities of its gas- and particulate-phase photooxidation products', *Environmental Science & Technology*, 1986, 20(5):493-501.

Laitinen, J., Mäkelä, M., Mikkola, J., Huttu, I. 'Fire fighting trainers' exposure to carcinogenic agents in smoke diving simulators', *Toxicology Letters*, 2010, 192(1):61-65.

MacSween, K., Paton-Walsh, C., Roulston, C., Guérette, E.A., Edwards, G., Reisen, F., Desservettaz, M., Cameron, M., Young, E., Kubistin, D. 'Cumulative firefighter exposure to multiple toxins emitted during prescribed burns in Australia', *Exposure and Health*, 2019, 10:1-3.

Navarro, K., West, R.M., O'Dell, K. et al. 'Exposure to particulate matter and estimation of volatile organic compounds across wildland firefighter job tasks'. *Environ Sci Technol*. 2021 September 07; 55(17): 11795-11804. doi:10.1021/acs.est.1c00847

FLOR_Florist

The bibliography for this Job Module is contained in Task Modules.

FOOD_Food Workers

European Chemicals Agency (ECHA). Worker exposure to formaldehyde and formaldehyde releasers, 2019. Available at: https://echa.europa.eu/documents/10162/13641/investigationreport_formaldehyde_workers-exposure_final_en.pdf/ac457a0c-378d-4eae-c602-c7cd59abc4c5

Goel, A., Ola, D., Veetil, A.V. 'Burden of disease for workers attributable to exposure through inhalation of PPAHs in RSPM from cooking fumes', *Environmental Science and Pollution Research International*, 2019, 26(9):8885-8894.

IFA Report 6/2020e: Occupational exposure to the inhalable and respirable dust fractions. Available at: https://publikationen.dguv.de/forschung/ifa/ifa-report/4321/ifa-report-6/2020e-occupational-exposure-to-inhalable-and-respirable-dust-fractions

Industrial Minerals Association – Europe (IMA). 'Diatomite factsheet'. Available at: http://old.ima-europe.eu/about-industrial-minerals/industrial-minerals-ima-europe/diatomite

International Agency for Research on Cancer (IARC). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts. Lyon, France: IARC, 2016.
International Agency for Research on Cancer (IARC). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D. Radiation. Lyon, France: IARC, 2012.
International Agency for Research on Cancer (IARC). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations. Lyon, France: IARC, 2012.
International Diatomite Producers Associations (IDPA). 'A guide to safe handling of diatomaceous earth products (European Version)', 2017, Available at: https://ehs.psu.edu/sites/ehs/files/idpa_guide_for_safe_handling.pdf
IOM Research Project P937/8. 'Health, socio-economic and environmental aspects of possible amendments to the EU Directive on the protection of workers from the risks related to carcinogens and mutagens at work', Interim report on respirable crystalline silica, European Commission (EC), 2011, Available at: https://ec.europa.eu/social/BlobServlet?docId=10161&langId=en
Motorykin, O., Schrlau, J., Jia, Y., Harper, B., Harris, S., Harding, A., Stone, D., Kile, M., Sudakin, D., Massey Simonich, S.L. 'Determination of parent and hydroxy PAHs in personal $PM_{2.5}$ and urine samples collected during Native American fish smoking activities', *The Science of the Total Environment*, 2015, 505:694-703.

FORE_Forestry Timbermill

Demers, P.A., Teschke, K., Davies, H.W., Kennedy, S.M., Leung, V. 'Exposure to dust, resin acids, and monoterpenes in softwood lumber mills', *American Industrial Hygiene Association*, 2000, 61(4):521-528.
International Agency for Research on Cancer (IARC). 'Wood Dust and Formaldehyde', *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans,* 1995, Vol. 62, p. 233.
International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, Metals, Fibres and Dusts*. Lyon, France: IARC, 2012.
International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC, 2012.
Kauppinen, T., Vincent, R., Liukkonen, T., Grzebyk, M. et al. 'Occupational Exposure to Inhalable Wood Dust in the Member States of the European Union', *The Annals of Occupational Hygiene*, 2006, 549-561.
Neri, F., Foderi, C., Laschi, A.,Fabiano, F., Cambi, M., Sciarra, G., Aprea, M.C., Cenni, A., Marchi, E. 'Determining exhaust fumes exposure in chainsaw operations', *Environmental Pollution*, 2016, 1162-1169
Spee, T., Hoof, E.V., Hoof, W.V., Noy, D., Kromhout, H. 'Exposure to wood dust among carpenters in the construction industry in the Netherlands', *The Annals of Occupational Hygiene*, 2007, 51(3):241-248.
Straumfors, A., Olsen, R., Daae, H.L., Afanou, A., McLean, D., Corbin, M., Mannetje, A.T., Ulvestad, B., Bakke, B., Johnsen, H.L., Douwes, J. 'Exposure to wood dust, microbial components, and terpenes in the Norwegian sawmill industry', *Annals of Work Exposures and Health*, 2018, 62(6):674-688.
Teschke, K., Demers, P.A., Davies, H.W., Kennedy, S.M., Marion, S.A., Leung, V. 'Determinants of exposure to inhalable particulate, wood dust, resin acids, and monoterpenes in a lumber mill environment', *The Annals of Occupational Hygiene*, 1999, 43(4):247-255.
Thorpe, A., Brown, R.C. 'Measurements of the effectiveness of dust extraction systems of hand sanders used on wood', *The Annals of Occupational Hygiene*, 1994, 38(3):279-302.

FOUN_Foundry

Andersson, L., Bryngelsson, I.L., Ohlson, C.G., Nayström, P., Lilja, B.G., Westberg, H. 'Quartz and dust exposure in Swedish iron foundries', *Journal of Occupational and Environmental Hygiene*, 2008, 6(1):9-18.
Andersson, L., Burdorf, A., Bryngelsson, I.L., Westberg, H. 'Estimating trends in quartz exposure in Swedish iron foundries—predicting past and present exposures', *The Annals of Occupational Hygiene*, 2012, 56(3):362-72.
Blade, L.M., Yencken, M.S., Wallace, M.E., Catalano, J.D., Khan, A., Topmiller, J.L., Shulman, S.A., Martinez, A., Crouch, K.G., Bennett, J.S. 'Hexavalent chromium exposures and exposure-control technologies in American enterprise: results of a NIOSH field research study', *Journal of Occupational and Environmental Hygiene*, 2007, 4(8):596-618.

Burgess, W.A. 'Recognition of health hazards in industry: a review of materials and processes, 2nd Edition', 1995, *Wiley*, ISBN: 978-0-471-57716-4.

European Chemicals Agency (ECHA). Proposal by the European Chemical Agency (ECHA) in support of occupational exposure limit values for nickel and its compounds in the workplace, October 2017. Available at: https://echa.europa.eu/documents/10162/ab027c44-b1c1-8513-378a-ba45c49ecc2c

Horng, C.J., Horng, P.H., Hsu, J.W., Tsai, J.L. 'Simultaneous determination of urinary cadmium, cobalt, lead, and nickel concentrations in steel production workers by differential pulse stripping voltammetry', *Archives of Environmental Health: An International Journal*, 2003, 58(2):104-10.

IFA Report 6/2020e: Occupational exposure to the inhalable and respirable dust fractions. Available at: https://publikationen.dguv.de/forschung/ifa/ifa-report/4321/ifa-report-6/2020e-occupational-exposure-to-inhalable-and-respirable-dust-fractions

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 62. Wood dust and Formaldehyde*. Lyon, France: IARC,1995

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical agents and related occupations.* Lyon, France: IARC, 2012

Institute of Occupational Medicine (IOM), Research Project P937/8. 'Health, socio-economic and environmental aspects of possible amendments to the EU Directive on the protection of workers from the risks related to carcinogens and mutagens at work', Interim report on respirable crystalline silica, European Commission (EC), 2011, Available at: https://ec.europa.eu/social/BlobServlet?docId=10161&langId=en

Kendzia, B., Pesch, B., Koppisch, D., Van Gelder, R., Pitzke, K., Zschiesche, W., Behrens, T., Weiss, T., Siemiatycki, J., Lavoué, J., Jöckel, K.H. 'Modelling of occupational exposure to inhalable nickel compounds', *Journal of Exposure Science & Environmental Epidemiology*, 2017, 27(4):427-33.

Lee, K. 'OSHA compliance issues: benzene and crystalline silica exposures in a grey iron foundry', *Journal of Occupational and Environmental Hygiene*, 2009, 6(5):D15-7.

Liu, H.H., Yang, H.H., Chou, C.D., Lin, M.H., Chen, H.L. 'Risk assessment of gaseous/particulate phase PAH exposure in foundry industry', *Journal of Hazardous Materials*, 2010, 181(1-3):105-111.

Morris, T.K. 'Cadmium exposures at three nonferrous foundries: an unexpected trace source', *Journal of Occupational and Environmental Hygiene*, 2004, 1(1):39-44.

Myers, W.R., Zhuang, Z., Nelson, T. 'Field performance measurements of half-facepiece respirators—foundry operations', American Industrial Hygiene Association Journal, 1996, 57(2):166-74.

National Industrial Chemicals Notification and Assessment Scheme (NICNAS). 'Priority existing chemical assessment report no. 28: Formaldehyde', Sydney: NICNAS, 2006, Table 15.4. pp. 160.

Peixe, T.S., Nascimento, E.D., Silva, C.S., Bussacos, M.A. 'Occupational exposure profile of Pb, Mn, and Cd in nonferrous Brazilian sanitary alloy foundries', Toxicology and Industrial Health, 2014, (8):701-13.

Pesch, B., Kendzia, B., Hauptmann, K., Van Gelder, R., Stamm, R., Hahn, J.U., Zschiesche, W., Behrens, T., Weiss, T., Siemiatycki, J., Lavoué, J. 'Airborne exposure to inhalable hexavalent chromium in welders and other occupations: Estimates from the German MEGA database', *International Journal of Hygiene and Environmental Health*, 2015, 218(5):500-6.

Westberg, H., Loefstedt, H., Selden, A., Lilja, B.G., Nayström, P. 'Exposure to low molecular weight isocyanates and formaldehyde in foundries using hot box core binders', *The Annals of Occupational Hygiene*, 2005, 49(8):719-25.

Yassin, A., Yebesi, F., Tingle, R. 'Occupational exposure to crystalline silica dust in the United States, 1988–2003', *Environmental Health Perspectives*, 2005, 113(3):255-63.

Zhang, M., Qi, C., Chen, W.H., Lu, Y., Du, X.Y., Li, W.J., Meng, C.S. 'Re-analysis of occupational hazards in foundry', *Chinese Journal of Industrial Hygiene and Occupational Diseases*, 2010, 28(4), 280-285.

FUNR_Funeral Workers

The bibliography for this Job Module is contained in Task Modules.

GARD_Gardener Groundskeeper

The bibliography for this Job Module is contained in Task Modules.

GENE_Generic

The bibliography for this Job Module is contained in Task Modules.

HAIR_Hairdresser/Beauty Therapist

Aglan, M.A., Mansour, G.N. 'Hair straightening products and the risk of occupational formaldehyde exposure in hairstylists', *Drug and Chemical Toxicology*, 2020, 43(5):488-95.

Alaves, V.M., Sleeth, D.K., Thiese, M.S., Larson, R.R. 'Characterization of indoor air contaminants in a randomly selected set of commercial nail salons in Salt Lake County, Utah, USA', *International Journal of Environmental Health Research*, 2013, 23(5):419-33.

European Commission (EC). Internal Market, Industry, Entrepreneurship and SMEs. 'Hair dye products', Available at: https://ec.europa.eu/growth/sectors/cosmetics/products/hair-dye_en

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D. Radiation*. Lyon, France: IARC, 2012.

Khoury, A., Young, K., O'Neill, J. 'UV nail lamps, is there a malignancy risk? A review of the literature', *Correspondence and Communications*, 2020, 73(5):983-1007.

Lamplugh, A., Harries, M., Xiang, F., Trinh, J., Hecobian, A., Montoya, L.D. 'Occupational exposure to volatile organic compounds and health risks in Colorado nail salons', *Environmental Pollution*, 2019, 249:518-526.

Ma, G.X., Wei, Z., Husni, R., Do, P., Zhou, K., Rhee, J., Tan, Y., Navder, K., Yeh, M.C. 'Characterizing Occupational Health Risks and Chemical Exposures Among Asian Nail Salon Workers on the East Coast of the United States', *Journal of Community Health*, 2019, 44(6), 1168-1179.

World Health Organization (WHO). 'Ultraviolet radiation as a hazard in the workplace', 2003, Available at: https://rainierolympicnurses.org/wp-content/uploads/2019/10/who-2003-ultraviolet-radiation-as-a-hazard-in-the-workplace-1.pdf

HLTH_Health Workers

International Agency for Research on Cancer (IARC). 'IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Volume 100C: Arsenic, metals, fibres, and dusts', 2012, Lyon, France. p. 176 section 1.5.2 Occupational exposure.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D. Radiation*. Lyon, France: IARC, 2012.

Kozłowski, C. 'UV radiation emitted by selected sources at work stands', *International Journal of Occupational Medicine and Environmental Health*, 2001, 14(3):287-92.

Pillinger, S.H., Delbridge, L., Lewis, D.R. 'Randomized clinical trial of suction versus standard clearance of the diathermy plume', *The British Journal of Surgery*, 2003, 90(9):1068-1071.

IMAR_Industrial Manufacturing, Assembly and Repair

Blade, L.M., Yencken, M.S., Wallace, M.E., Catalano, J.D., Khan, A., Topmiller, J.L., Shulman, S.A., Martinez, A., Crouch, K.G., Bennett, J.S. 'Hexavalent chromium exposures and exposure-control technologies in American enterprise: results of a NIOSH field research study', *Journal of Occupational and Environmental Hygiene*, 2007, 4(8):596-618.

Coggon, D., Pannett, B., Wield, G. 'Upper aerodigestive cancer in battery manufacturers and steel workers exposed to mineral acid mists', *Occupational and Environmental Medicine*, 1996, 53(7):445-9.

Guillemot, M., Oury, B., Melin, S. 'Identifying thermal breakdown products of thermoplastics', *Journal of Occupational and Environmental Hygiene,* 2017, 14(7):551-561. Available at: https://hal.archives-ouvertes.fr/hal-01666609/file/identifying_thermal_breakdown_products_thermoplastics_V4_Final%20version.pdf

IFA Report 6/2020e: Occupational exposure to the inhalable and respirable dust fractions. Available at: https://publikationen.dguv.de/forschung/ifa/ifa-report/4321/ifa-report-6/2020e-occupational-exposure-to-inhalable-and-respirable-dust-fractions

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of* Carcinogenic *Risks to Humans, Volume 62. Wood dust and Formaldehyde*. Lyon, France: IARC, 1995

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D. Radiation*. Lyon, France: IARC, 2012

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations.* Lyon France: IARC, 2012

Institute of Occupational Medicine (IOM), Research Project P937/8. 'Health, socio-economic and environmental aspects of possible amendments to the EU Directive on the protection of workers from the risks related to carcinogens and mutagens at work', Interim report on respirable crystalline silica, European Commission (EC), 2011. Available at: https://ec.europa.eu/social/BlobServlet?docId=10161&langId=en

Kauppinen, T., Teschke, K., Astrakianakis, G., Boffetta, P., Colin, D., Keefe, A., Korhonen, K., Liukkonen, T., Nicol, A.M., Pannett, B., Westberg, H. 'Assessment of exposure in an international study on cancer risks among pulp, paper, and paper product workers', *AIHA Journal*, 2002, 63:254-261.

Kauppinen, T., Vincent, R., Liukkonen, T., Grzebyk, M., Kauppinen, A., Welling, I., Arezes, P., Black, N., Bochmann, F., Campelo, F., Costa, M., Elsigan, G., Goerens, R., Kikemenis, A., Kromhout, H., Miguel, S., Mirabelli, D., McEneany, R., Pesch, B., Plato, N., Schlünssen, V., Schulze, J., Sonntag, R., Verougstraete, V., De Vicente, M.A., Wolf, J., Zimmermann, M., Husgafvel-Pursiainen, K., Savolainen K. 'Occupational exposure to inhalable wood dust in the member states of the European Union', *The Annals of Occupational Hygiene*, 2006, 50(6):549-561.

Kendzia, B., Pesch, B., Koppisch, D., Van Gelder, R., Pitzke, K., Zschiesche, W., Behrens, T., Weiss, T., Siemiatycki, J., Lavoué, J., Jöckel, K.H. 'Modelling of occupational exposure to inhalable nickel compounds', *Journal of Exposure Science & Environmental Epidemiology*, 2017, 27(4):427-33.

Koh, D.H., Locke, S.J., Chen, Y.C., Purdue, M.P., Friesen, M.C. 'Lead exposure in US worksites: a literature review and development of an occupational lead exposure database from the published literature', *American Journal of Industrial Medicine*, 2015, 58(6):605-16.

Korhonen, K., Liukkonen, T., Ahrens, W., Astrakianakis, G., Boffetta, P., Burdorf, A., Heederik, D., Kauppinen, T., Kogevinas, M., Osvoll, P., Rix, B.A., Saalo, A., Sunyer, J., Szadkowska-Stanczyk, I., Teschke, K., Westberg, H., Widerkiewicz, K. 'Occupational exposure to chemical agents in the paper industry', *International Archives of Occupational and Environmental Health*, 2004, 77:451-460.

Paoliello, M.M., De Capitani, E.M. 'Occupational and environmental human lead exposure in Brazil', *Environmental Research*, 2007, 103(2):288-97, Table 2.

Park, D., Stewart, P.A., Coble, J.B. 'A comprehensive review of the literature on exposure to metalworking fluids', *Journal of Occupational and Environmental Hygiene*, 2009, 6(9):530-41.

Piacitelli, G.M., Sieber, W.K., O'Brien, D.M., Hughes, R.T., Glaser, R.A., Catalano, J.D. 'Metalworking fluid exposures in small machine shops: an overview', *AIHAJ-American Industrial Hygiene Association*, 2001, 62(3):356-70.

Ross, A.S., Teschke, K., Brauer, M., Kennedy, S.M. 'Determinants of exposure to metalworking fluid aerosol in small machine shops', *The Annals of Occupational Hygiene*, 2004, 48(5):383-91.

Sorahan, T., Esmen, N.A. 'Lung cancer mortality in UK nickel-cadmium battery workers, 1947–2000', *Occupational and Environmental Medicine*, 2004, 61(2):108-16.

World Health Organization (WHO). 'Recycling used lead-acid batteries: health considerations', 2017, Available at: https://apps.who.int/iris/bitstream/handle/10665/259447/9789241512855-eng.pdf?sequence=1&isAllowed=y

Yoon C, Kim S, Park D, Choi Y, Jo J, Lee K. Chemical use and associated health concerns in the semiconductor manufacturing industry. *Saf Health Work*. 2020 Dec;11(4):500-508. doi: 10.1016/j.shaw.2020.04.005

JANI_Caretaker/Janitor

The bibliography for this Job Module is contained in Task Modules.

LABC_Lab worker Chemist

Helmenstine, A.M. 'How to clean lab glassware', ThoughtCo, 2020, Available at: https://www.thoughtco.com/how-to-clean-laboratory-glassware-606051

International Agency for Research on Cancer (IARC). 'IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Volume 99: Some aromatic amines, organic dyes and related exposures', 2010, p. 407.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of* Carcinogenic *Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts.* Lyon, France: IARC, 2012.
International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC, 2012.
International Agency for Research on Cancer (IARC). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 125. Some industrial chemical intermediates and solvents. Lyon, France: IARC 2020
Merck. 'Cleaning Laboratory Glassware', Available at: https://www.sigmaaldrich.com/technical-documents/articles/labware/cleaning-glassware.html

LEAT_Leather Tanning

Afirm Group (AG). 'Chemical Information Document: Chromium (VI)', 2019, Available at: https://www.afirm-group.com/wp-content/uploads/2019/09/afirm_chromium_VI_v2.pdf
Dixit S, Yadav A, Dwivedi P.D., Das M., Toxic hazards of leather industry and technologies to combat threat: a review, *Journal of Cleaner Production*, Volume 87, 2015, pp. 39-49, ISSN 0959-6526, https://doi.org/10.1016/j.jclepro.2014.10.017
Hedberg, Y.S., Lidén, C. 'Chromium(III) and chromium(VI) release from leather during 8 months of simulated use', *Contact Dermatitis*, 2016, 75(2):82-88.
International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 25. Wood dust, leather and some associated industries*. Lyon, France: IARC, 1981.
International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 54. Occupational exposures to mists and vapours from strong inorganic acids; and other industrial chemicals*. Lyon, France: IARC; 1992.
International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 62. Wood dust and Formaldehyde*. Lyon, France: IARC, 1995.
International Agency for Research on Cancer (IARC*). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012
Mikoczy, Z., Schütz, A., Strömberg, U., Hagmar, L. 'Cancer incidence and specific occupational exposures in the Swedish leather tanning industry: a cohort based case-control study', *Occupational and Environmental Medicine*, 1996, 53(7):463-7.
National Industrial Chemicals Notification and Assessment Scheme (NICNAS). 'Priority existing chemical assessment report no. 28: Formaldehyde', Sydney: NICNAS, 2006, pp. 171-172.
Randell, R.A. 'Health hazards in the leather and shoe-making industries', *British Medical Journal (Clinical research ed.)*, 1982, 284(6313):416.
US Environmental Protection Agency (EPA). 'Leather Tanning: Compilation of Air Pollutant Emission Factors', 1995, Available at: https://www3.epa.gov/ttnchie1/ap42/ch09/final/c9s15.pdf
Uuksulainen, S.O., Heikkilä, P.R., Olkinuora, P.S., Kiilunen, M. 'Self-reported occupational health hazards and measured exposures to airborne impurities and noise in shoe repair work', *International Journal of Occupational and Environmental Health*, 2002, 8(4):320-7.
Vincent, R., Gillet, M., Goutet, P., Guichard, C., Hédouin-Langlet, C., Frocaut, A.M., Lambert, P., Leray, F., Mardelle, P., Dorotte, M., Rousset, D. 'Occupational exposure to chrome VI compounds in French companies: results of a national campaign to measure exposure (2010–2013)', *The Annals of Occupational Hygiene*, 2015, 59(1):41-51.

LINE_Power Station/Power Line Worker

Boffetta, P., Cardis, E., Vainio, H., Coleman, M.P., Kogevinas, M., Nordberg, G., Parkin, D.M., Partensky, C., Shuker, D., Tomatis, L. 'Cancer risks related to electricity production', *European Journal of Cancer*, 1991, 27(11):1504-19.
Dyke, P.H., Foan, C., Fiedler, H. 'PCB and PAH releases from power stations and waste incineration processes in the UK', *Chemosphere*, 2003, 50(4):469-80.
Hirsch, A., Di Menza, L., Carre, A., Harf, A., Perdrizet, S., Cooreman, J., Bignon, J. 'Asbestos risk among full-time workers in an electricity-generating power station', *Annals of the New York Academy of Sciences*, 1979, 330:137-45.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 62. Wood dust and Formaldehyde*. Lyon, France: IARC, 1995

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts.* Lyon, France: IARC, 2012.

Laitinen, J., Koponen, H., Sippula, O., Korpijärvi, K., Jumpponen, M., Laitinen, S., Aatamila, M., Tissari, J., Karhunen, T., Ojanen, K., Jokiniemi, J., Korpinen, L. 'Peak exposures to main components of ash and gaseous diesel exhausts in closed and open ash loading stations at biomass-fuelled power plants', *Chemosphere*, 2017, 185:183-191.

Lee, S.F., O'Connor, M.M., Chapman, Y., Hamilton, V., Francis, K. 'A very public death: dying of mesothelioma and asbestos-related lung cancer (M/ARLC) in the Latrobe Valley, Victoria, Australia', *Rural Remote Health*, 2009, 9(3):1183.

MECH_Mechanic/Panel Beater

The bibliography for this Job Module is contained in Task Modules.

MFAC_Metal Finishing & Coating

Beattie, H., Keen, C., Coldwell, M., Tan, E., Morton, J., McAlinden, J., Smith, P. 'The use of bio-monitoring to assess exposure in the electroplating industry', *Journal of Exposure Science & Environmental Epidemiology*, 2017, 27(1):47-55.

Breuer, D., Heckmann, P., Gusbeth, K., Schwab, G., Blaskowitz, M., Moritz, A. 'Sulfuric acid at workplaces—applicability of the new Indicative Occupational Exposure Limit Value (IOELV) to thoracic particles', *Journal of Environmental Monitoring*, 2012, 14(2):440-5.

Burgess, W.A. 'Recognition of health hazards in industry: a review of materials and processes, 2nd Edition', 1995, *Wiley*, ISBN: 978-0-471-57716-4.

Chadwick, J.K., Wilson, H.K., White, M.A. 'An investigation of occupational metal exposure in thermal spraying processes', *Science of the Total Environment*, 1997, 199(1-2):115-24.

Hériaud-Kraemer, H., Montavon, G., Coddet, C., Hertert, S., Robin, H. 'Harmful risks for workers in thermal spraying: a review completed by a survey in a French company', *Journal of Thermal Spray Technology*, 2003, 12(4):542-54.

Howes, C.P. The Welder. 'Thermal spray safety and OSHA compliance', 2001, Available at: https://www.thefabricator.com/thewelder/article/safety/thermal-spray-safety-and-osha-compliance

IFA Report 6/2020e: Occupational exposure to the inhalable and respirable dust fractions. Available at: https://publikationen.dguv.de/forschung/ifa/ifa-report/4321/ifa-report-6/2020e-occupational-exposure-to-inhalable-and-respirable-dust-fractions

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 54. Occupational exposures to mists and vapours from strong inorganic acids; and other industrial chemicals*. Lyon, France: IARC, 1992

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D. Radiation*. Lyon, France: IARC, 2012.

Institute of Occupational Medicine (IOM), Research Project P937/8. 'Health, socio-economic and environmental aspects of possible amendments to the EU Directive on the protection of workers from the risks related to carcinogens and mutagens at work', Interim report on respirable crystalline silica, European Commission (EC), 2011, Available at: https://ec.europa.eu/social/BlobServlet?docId=10161&langId=en

Kiilunen, M., Aitio, A., Tossavainen, A. 'Occupational exposure to nickel salts in electrolytic plating', *The Annals of Occupational Hygiene*, 1997, 41(2):189-200.

Laserbond. 'Thermal Spraying', Available at: https://laserbond.com.au/services/thermal-spray.html

Santonen, T., Louro, H., et al The HBM4EU chromates study – Outcomes and impacts on EU policies and occupational health practices. *International Journal of Hygiene and Environmental Health*, 2023, 248.

Scutaru, B., Popa, D., Cazuc, V., Popescu, I., Roman, I., Hurduc, V., Palamaru, I. 'Ambiental and biological monitoring of electroplating workers', *Journal of Preventive Medicine*, 2006, 14:7-16.

Sharma, A., Cheon, C.S., Jung, J.P. 'Recent progress in electroless plating of copper', *Journal of the Microelectronics and Packaging Society*, 2016, 23:1-6.

Simcox, N.J., Stebbins, A., Guffey, S., Atallah, R., Hibbard, R., Camp, J. 'Hard metal exposures. Part 2: Prospective exposure assessment', *Applied Occupational and Environmental Hygiene*, 2000, 15(4):342-53.

Thomas – A Xometry Company. 'Plating – A How To Guide', Available at: https://www.thomasnet.com/articles/custom-manufacturing-fabricating/plating-how-to/

Vincent, R., Gillet, M., Goutet, P., Guichard, C., Hédouin-Langlet, C., Frocaut, A.M., Lambert, P., Leray, F., Mardelle, P., Dorotte, M., Rousset, D. 'Occupational exposure to chrome VI compounds in French companies: results of a national campaign to measure exposure (2010–2013)', *The Annals of Occupational Hygiene*, 2015, 59(1):41-51.

Wu, L.L., Gong, W., Shen, S.P., Wang, Z.H., Yao, J.X., Wang, J., Yu, J., Gao, R., Wu, G. 'Multiple metal exposures and their correlation with monoamine neurotransmitter metabolism in Chinese electroplating workers', *Chemosphere*, 2017, 182:745-52.

Zwennis, W.C., Franssen, A.C. 'Assessment of occupational exposure to cadmium in the Netherlands, 1980–1989', *American Journal of Industrial Medicine*, 1992, 21(6):793-805.

MINE_Miners/Quarrymen

Arias López, M.C., Bértoa Veiga, G., 'Caracterización de la exposición a polvo de sílice y a ruido en los puestos de trabajo del sector de la pizarra de la provincia de Lugo', Available at: http://issga.xunta.gal/export/sites/default/recursos/descargas/documentacion/publicacions/Artigo_polvo_ruido_canteras_pizarra_Lugo.pdf

Bang, B.E., Suhr, H. 'Quartz exposure in the slate industry in northern Norway', *The Annals of Occupational Hygiene*, 1998, 42(8):557-63.

Berlinger, B., Ellingsen, D.G., Romanova, N., Friisk, G., Daae, H.L., Weinbruch, S., Skaugset, N. P., Thomassen, Y. 'Elemental Carbon and Nitrogen Dioxide as Markers of Exposure to Diesel Exhaust in Selected Norwegian Industries', *Annals of Work Exposures and Health*, 2019, 63(3):349-358.

Brown, T.P., Rushton, L. 'Mortality in the UK industrial silica sand industry: 1. Assessment of exposure to respirable crystalline silica', *Occupational and Environmental Medicine*, 2005, 62(7):442-5.

Chen, W., Yang, J., Chen, J., Bruch, J. 'Exposures to silica mixed dust and cohort mortality study in tin mines: Exposure-response analysis and risk assessment of lung cancer', *American Journal of Industrial Medicine*', 2006, 49(2):67-76.

Drake, P.L., Rojas, M., Reh, C.M., Mueller, C.A., Jenkins, F.M. 'Occupational exposure to airborne mercury during gold mining operations near El Callao, Venezuela', *International Archives of Occupational and Environmental Health*, 2001, 74(3):206-12.

European Agency for Safety and Health at Work (EU-OSHA). 'Nocodust — reduction of risks arising from exposure of workers to high dust levels in coal mines', 2010, Available at: https://osha.europa.eu/en/publications/nocodust-reduction-risks-arising-exposure-workers-high-dust-levels-coal-mines

European Commission (EC). 'Communication from the Commission: Critical Raw Materials Resilience: Charting a Path towards greater Security and Sustainability', 2020, Available at: https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52020DC0474&from=EN

Horn, S., Gunn, A.G., Petavratzi, E., Shaw, R.A., Eilu, P., Törmänen, T., Bjerkgård, T., Sandstad, J.S., Jonsson, E., Kountourelis, S., Wall, F. 'Cobalt resources in Europe and the potential for new discoveries', *Ore Geology Reviews*, 2021, 130:103915.

IFA Report 6/2020e: Occupational exposure to the inhalable and respirable dust fractions. Available at: https://publikationen.dguv.de/forschung/ifa/ifa-report/4321/ifa-report-6/2020e-occupational-exposure-to-inhalable-and-respirable-dust-fractions

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 49. Chromium, Nickel and Welding*. 1990, Lyon, France: IARC, 1990.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Volume 87. Inorganic and organic lead compounds*. Lyon, France: IARC, 2006

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D. Radiation*. Lyon, France: IARC, 2012.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 105. Diesel and gasoline engine exhausts and some nitroarenes*. Lyon, France: IARC, 2013

Institute of Occupational Medicine (IOM), Research Project P937/8. 'Health, socio-economic and environmental aspects of possible amendments to the EU Directive on the protection of workers from the risks related to carcinogens and mutagens at work', Interim report on respirable crystalline silica, European Commission (EC), 2011, Available at: https://ec.europa.eu/social/BlobServlet?docId=10161&langId=en

Kristensen, A.K., Thomsen, J.F., Mikkelsen, S. 'A review of mercury exposure among artisanal small-scale gold miners in developing countries', *International Archives of Occupational and Environmental Health*, 2014, 87(6):579-90.

Lightfoot, N.E., Pacey, M.A., Darling, S. 'Gold, nickel and copper mining and processing', *Chronic Diseases in Canada,* 2010, 29(Suppl 2):101-124.

Lira, M., Kohlman Rabbani, E., Barkokébas Junior, B., Lago, E. 'Risk evaluation and exposure control of mineral dust containing free crystalline silica: A study case at a quarry in the Recife Metropolitan Area', *Work*, 2012, 41(Supplement 1):3109-16

Naidoo, R., Seixas, N., Robins, T. 'Estimation of respirable dust exposure among coal miners in South Africa', *Journal of Occupational and Environmental Hygiene*, 2006, 3(6):293-300.

Piacitelli, G.M., Amandus, H.E., Dieffenbach, A. 'Respirable dust exposures in US surface coal mines (1982–1986)', *Archives of Environmental Health: An International Journal, 1990*, 45(4):202-9.

Pronk, A., Coble, J., Stewart, P.A. 'Occupational exposure to diesel engine exhaust: a literature review', *Journal of Exposure Science & Environmental Epidemiology,* 2009, 19(5):443-457.

Sapigni, M., Meggiolaro, V. 'Tunnel boring asbestos-bearing rocks is a problem of ophiolite but it is not limited to ophiolite', Conference paper: Geoitalia 2013 - IX Forum Italiano di Scienze della Terra, Pisa, 2013 Available at: https://www.researchgate.net/publication/261727139_Tunnel_boring_asbestos-bearing_rocks_is_a_problem_of_ophiolite_but_it_is_not_limited_to_ophiolite

Weeks, J.L., Rose, C. 'Metal and non-metal miners' exposure to crystalline silica, 1998–2002', *American Journal of Industrial Medicine*, 2006, 49(7):523-34.

MUSI_Musician/Entertainer

The bibliography for this Job Module is contained in Task Modules.

OFFW_Office Worker

The bibliography for this Job Module is contained in Task Modules.

OPET_Oil/Petroleum Industry

Almerud, P., Akerstrom, M., Andersson, E.M., Strandberg, B., Sallsten, G. 'Low personal exposure to benzene and 1,3-butadiene in the Swedish petroleum refinery industry', *International Archives of Occupational and Environmental Health*, 2017, 90(7):713-724.

Burgess, W.A. 'Recognition of health hazards in industry: a review of materials and processes, 2nd Edition', 1995, *Wiley*, ISBN: 978-0-471-57716-4.

Concawe. 'Report: Air emissions from the refining sector, Analysis of E-PRTR data 2007-2017', 2020. Available at: https://www.concawe.eu/wp-content/uploads/Rpt_20-4.pdf

Esswein, E.J., Breitenstein, M., Snawder, J., Kiefer, M., Sieber, W.K. 'Occupational exposures to respirable crystalline silica during hydraulic fracturing', *Journal of Occupational and Environmental Hygiene*, 2013, 10(7):347-56.

Glass, D.C., Schnatter, A.R., Tang, G., Armstrong, T.W., Rushton, L. 'Exposure to benzene in a pooled analysis of petroleum industry case-control studies', *Journal of Occupational and Environmental Hygiene*, 2017, 14(11):863-872.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC, 2012.

Mukerjee, S., Smith, L.A., Thoma, E.D., Oliver, K.D., Whitaker, D.A., Wu, T., Colon, M., Alston, L., Cousett, T.A., Stallings, C. 'Spatial analysis of volatile organic compounds in South Philadelphia using passive samplers', *Journal of the Air & Waste Management Association (1995)*, 2016, 66(5):492-498.

Sunderman Jr., F.W. 'Metal Carbonyls (especially Nickel Carbonyl)', *Encyclopaedia of Occupational Health & Safety*, 2011. Available at: https://www.iloencyclopaedia.org/part-ix-21851/metals-chemical-properties-and-toxicity/item/145-metal-carbonyls-especially-nickel-carbonyl

PESA_Petrol Station Attendant

Campo, L., Rossella, F., Mercadante, R., Fustinoni, S. 'Exposure to BTEX and Ethers in Petrol Station Attendants and Proposal of Biological Exposure Equivalents for Urinary Benzene and MTBE', *The Annals of Occupational Hygiene*, 2016, 60(3):318-333.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Volume 105: Diesel and gasoline engine exhausts and some nitroarenes*. Lyon, France: IARC, 2013.

Romieu, I., Ramirez, M., Meneses, F., Ashley, D., Lemire, S., Colome, S., Fung, K., Hernandez-Avila, M. 'Environmental exposure to volatile organic compounds among workers in Mexico City as assessed by personal monitors and blood concentrations', *Environmental Health Perspectives*, 1999, 107(7):511-515.

Scheepers, P., de Werdt, L., van Dael, M., Anzion, R., Vanoirbeek, J., Duca, R.C., Creta, M., Godderis, L., Warnakulasuriya, D., Devanarayana, N.M. 'Assessment of exposure of gas station attendants in Sri Lanka to benzene, toluene and xylenes', *Environmental Research*, 2019, 178:108670.

POLI_Police

Australian Federal Police (AFP). 'AFP National Guideline on safe working with radiation'. Available at: https://www.afp.gov.au/sites/default/files/PDF/IPS/AFP%20National%20Guideline%20on%20safe%20working%20with%20radiation.pdf

Gu, J.K., Charles, L.E., Burchfiel, C.M., Andrew, M.E., Violanti, J.M. Cancer incidence among police officers in a U.S. northeast region: 1976-2006*. Int J Emerg Ment Health*. 2011; 13(4):279-89.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D. Radiation*. Lyon, France: IARC, 2012.

International Agency for Research on Cancer (IARC). 'Chemical Agents and Related Occupations', IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, 2012, Vol. 100F. Lyon, France.

PRIN_Printing

International Agency for Research on Cancer (IARC). 'IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Volume 65: Printing Processes and Printing Inks, Carbon Black and Some Nitro Compounds', 1996, Lyon, France. Available at: https://publications.iarc.fr/83

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 87: Inorganic and organic lead compounds*. Lyon, France: IARC, 2006.

International Agency for Research on Cancer (IARC*). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC, 2012.

Kozłowski, C. 'UV radiation emitted by selected sources at work stands', *International Journal of Occupational Medicine and Environmental Health*, 2001, 14(3):287-92.

NuGenTec. 'Paint strippers: NuSolv 5065A'. Available at: https://www.nugentec.com/nusolv-5065a/ns-5065a

Rostami, R., Fazlzadeh, M., Babaei-Pouya, A., Abazari, M., Rastgho, L., Ghasemi, R., Saranjam, B. 'Exposure to BTEX concentration and the related health risk assessment in printing and copying centers'. *Environ Sci Pollut Res Int.* 2021 Jun; 28(24):31195-31206. doi: 10.1007/s11356-021-12873-2

Senthong, P., Wittayasilp, S. 'Measurements and health impacts of carbon black and BTEXs in photocopy centers', *Archives of Environmental & Occupational Health*, 2018, 73(3):169-175.

Su, M., Sun, R., Zhang, X., Wang, S., Zhang, P., Yuan, Z., Liu, C., Wang, Q. 'Assessment of the inhalation risks associated with working in printing rooms: a study on the staff of eight printing rooms in Beijing, China'. *Environ Sci Pollut Res Int.* 2018 Jun; 25(17):17137-17143. doi: 10.1007/s11356-018-1802-z

Tolbert, P.E. 'Oils and cancer', *Cancer Causes & Control*, 1997, 8(3):386-405.

Tsukahara, T., Miyauchi, H., Kuwada, D., Kikuchi, T., Tsuda, Y., Yanagiba, Y., Arito, H., Nomiyama, T. 'Control banding assessment of exposure of offset printing workers to organic solvents', *Journal of Occupational Health*, 2016, 58(3):314-319.

PRMM_Metal Refining/Smelting

Andersson, L., Bryngelsson, I.L., Ohlson, C.G., Nayström, P., Lilja, B.G., Westberg, H. 'Quartz and dust exposure in Swedish iron foundries', *Journal of Occupational and Environmental Hygiene*, 2008, 6(1):9-18.

Benke, G., Abramson, M., Sim, M. 'Exposures in the alumina and primary aluminium industry: an historical review', *The Annals of Occupational Hygiene*, 1998, 42(3):173-189.

European Chemical Agency (ECHA). Proposal by the European Chemical Agency (ECHA) in support of occupational exposure limit values for nickel and its compounds in the workplace, October 2017. Available at: https://echa.europa.eu/documents/10162/ab027c44-b1c1-8513-378a-ba45c49ecc2c

Fritschi, L., Sim, M.R., Forbes, A., Abramson, M.J., Benke, G., Musk, W.A., de Klerk, N.H. 'Respiratory symptoms and lung-function changes with exposure to five substances in aluminium smelters', *International Archives of Occupational and Environmental Health*, 2003, 76(2):103-110.

Grimsrud, T.K., Berge, S.R., Resmann, F., Norseth, T., Andersen, A. 'Assessment of historical exposures in a nickel refinery in Norway', *Scandinavian Journal of Work, Environment & Health*, 2000, 338-345.

Hutter, H.P., Wallner, P., Moshammer, H., Marsh, G. 'Dust and cobalt levels in the Austrian tungsten industry: workplace and human biomonitoring data', *International Journal of Environmental Research and Public Health*, 2016, 13(9):931.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 87. Inorganic and organic lead compounds*. France: IARC, 2006.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC,2012.

Institute of Occupational Medicine (IOM), Research Project P937/8. 'Health, socio-economic and environmental aspects of possible amendments to the EU Directive on the protection of workers from the risks related to carcinogens and mutagens at work', Interim report on respirable crystalline silica, European Commission (EC), 2011, Available at: https://ec.europa.eu/social/BlobServlet?docId=10161&langId=en

Jones, S.R., Atkin, P., Holroyd, C., Lutman, E., Vives i Batlle, J., Wakeford, R., Walker, P. 'Lung cancer mortality at a UK tin smelter', *Occupational Medicine*, 2007, 57(4):238-245.

Kiilunen, M., Tela, U.J., Rantanen, T., Norppa, H., Tossavainen, A., Koponen, M., Paakkulainen, H. 'Exposure to soluble nickel in electrolytic nickel refining', *The Annals of Occupational Hygiene*, 1997, 41(2):167-188.

Klasson, M., Bryngelsson, I.L., Pettersson, C., Husby, B., Arvidsson, H., Westberg, H. 'Occupational exposure to cobalt and tungsten in the Swedish hard metal industry: air concentrations of particle mass, number, and surface area', *The Annals of Occupational Hygiene*, 2016, 60(6):684-699.

Koh, D.H., Locke, S.J., Chen, Y.C., Purdue, M.P., Friesen, M.C. 'Lead exposure in US worksites: a literature review and development of an occupational lead exposure database from the published literature', *American Journal of Industrial Medicine*, 2015, 58(6):605-616.

Lee, K. 'OSHA compliance issues: benzene and crystalline silica exposures in a grey iron foundry', *Journal of Occupational and Environmental Hygiene*, 2009, 6(5):D15-7.

Linna, A., Oksa, P., Groundstroem, K., Halkosaari, M., Palmroos, P., Huikko, S., Uitti, J. 'Exposure to cobalt in the production of cobalt and cobalt compounds and its effect on the heart', *Occupational and Environmental Medicine*, 2004, 61(11):877-885.

Myers, W.R., Zhuang, Z., Nelson, T. 'Field performance measurements of half-facepiece respirators—foundry operations', *American Industrial Hygiene Association Journal*, 1996, 57(2):166-174.

Nickel Institute. 'Safe Use of Nickel in the Workplace: A Guide for Health Maintenance of Workers Exposed to Nickel, Its Compounds and Alloys', 2008, Toronto, Canada. Available at: https://nickelinstitute.org/media/2289/hg-3rd-ed-2008.pdf

Sorahan, T., Lister, A., Gilthorpe, M.S., Harrington, J.M. 'Mortality of copper cadmium alloy workers with special reference to lung cancer and non-malignant diseases of the respiratory system, 1946-92', *Occupational and Environmental Medicine*, 1995, 52(12):804-812.

Vincent, R., Gillet, M., Goutet, P., Guichard, C., Hédouin-Langlet, C., Frocaut, A.M., Lambert, P., Leray, F., Mardelle, P., Dorotte, M., Rousset, D. 'Occupational exposure to chrome VI compounds in French companies: results of a national campaign to measure exposure (2010–2013)', *The Annals of Occupational Hygiene*, 2015, 59(1):41-51.

Westberg, H.B., Seldén, A.I., Bellander, T. 'Exposure to chemical agents in Swedish aluminum foundries and aluminum remelting plants - A comprehensive survey', *Applied Occupational and Environmental Hygiene*, 2001, 16(1):66-77.

Yassin, A., Yebesi, F., Tingle, R. 'Occupational exposure to crystalline silica dust in the United States, 1988–2003', *Environmental Health Perspectives*, 2005, 113(3):255-263.

RAIL_Railway

Burstyn, I., Kromhout, H., Boffetta, P. 'Literature review of levels and determinants of exposure to potential carcinogens and other agents in the road construction industry', *AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety*, 2000, 61(5):715-726.

Chauhan, S.K., Sharma, S., Shukla, A., Gangopadhyay, S. 'Recent trends of the emission characteristics from the road construction industry', *Environmental Science and Pollution Research International*, 2010, 17(9):1493-1501.

IFA Report 6/2020e: Occupational exposure to the inhalable and respirable dust fractions. Available at: https://publikationen.dguv.de/forschung/ifa/ifa-report/4321/ifa-report-6/2020e-occupational-exposure-to-inhalable-and-respirable-dust-fractions

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 105. Diesel and gasoline engine exhausts and some nitroarenes*. Lyon, France: IARC, 2013.

Islam, N., Rabha, S., Silva, L., Saikia, B.K. 'Air quality and PM10-associated poly-aromatic hydrocarbons around the railway traffic area: statistical and air mass trajectory approaches', *Environmental Geochemistry and Health*, 2019, 41(5):2039-2053.

Liukonen, L.R., Grogan, J.L., Myers, W. 'Diesel particulate matter exposure to railroad train crews', *AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety*, 2002, 63(5):610=616.

RDSD_Roadside Worker

Chauhan, S.K., Sharma, S., Shukla, A., Gangopadhyay, S. 'Recent trends of the emission characteristics from the road construction industry', *Environmental Science and Pollution Research International*, 2010, 17(9):1493–1501

RETA_Retail Workers

The bibliography for this Job Module is contained in Task Modules.

ROAD_Road Construction

Burstyn, I., Kromhout, H., Boffetta, P. 'Literature review of levels and determinants of exposure to potential carcinogens and other agents in the road construction industry', *AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety*, 2000, 61(5):715-726.

Chauhan, S.K., Sharma, S., Shukla, A., Gangopadhyay, S. 'Recent trends of the emission characteristics from the road construction industry', *Environmental Science and Pollution Research International*, 2010, 17(9):1493-1501.

Darby, F.W., Willis, A.F., Winchester, R.V. 'Occupational health hazards from road construction and sealing work', *The Annals of Occupational Hygiene*, 1986, 30(4):445-54.

International Agency for Research on Cancer (IARC). 'IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Volume 100C: Arsenic, metals, fibres, and dusts', 2012, Lyon, France. p. 176 section 1.5.2 Occupational exposure.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 105. Diesel and gasoline engine exhausts and some nitroarenes*. Lyon, France: IARC, 2013.

Institute of Occupational Medicine Research Project P937/8. 'Health, socio-economic and environmental aspects of possible amendments to the EU Directive on the protection of workers from the risks related to carcinogens and mutagens at work', Interim report on respirable crystalline silica, European Commission (EC), 2011. Available at: https://ec.europa.eu/social/BlobServlet?docId=10161&langId=en

Kemsley, J.N. 'What's that stuff? Road Markings – Pigments, polymers, and reflective spheres help keep you safe on the road', 2010, *Chemical & Engineering News*, Available at: https://cen.acs.org/articles/88/i36/Road-Markings.html

Kriech, A.J., Kurek, J.T., Wissel, H.L., Osborn, L.V., Blackburn, G.R. 'Evaluation of worker exposure to asphalt paving fumes using traditional and nontraditional techniques', *AIHA journal: A Journal for the Science of Occupational and Environmental Health and Safety*, 2002, 63(5):628-635.

Li, N., Jiang, Q., Wang, F., Xie, J., Li, Y., Li, J., Wu, S. 'Emission behavior, environmental impact and priority-controlled pollutants assessment of volatile organic compounds (VOCs) during asphalt pavement construction based on laboratory experiment', *Journal of Hazardous Materials*, 2020, 398:122904.

Nilsson, P.T., Bergendorf, U., Tinnerberg, H., Nordin, E., Gustavsson, M., Strandberg, B., Albin, M., Gudmundsson, A. 'Emissions into the Air from Bitumen and Rubber Bitumen-Implications for Asphalt Workers' Exposure', *Annals of Work Exposures and Health*, 2018, 62(7):828-839.

Osborn, L.V., Snawder, J.E., Kriech, A.J., Cavallari, J.M., McClean, M.D., Herrick, R.F., Blackburn, G.R., Olsen, L.D. 'Personal breathing zone exposures among hot-mix asphalt paving workers; preliminary analysis for trends and analysis of work practices that resulted in the highest exposure concentrations', *Journal of Occupational and Environmental Hygiene*, 2013, 10(12):663-673.

Woskie, S.R., Kalil, A., Bello, D., Virji, M.A. 'Exposures to quartz, diesel, dust, and welding fumes during heavy and highway construction', *AIHA Journal*, 2002, 63(4):447-57.

RUBB_Rubber or Plastic Industry

BRP Manufacturing. 'Epichlorihydrin Rubber'. Available at: https://brpmfg.com/epichlorihydrin-rubber/

Cocheo, V., Bellomo, M.L., Bombi, G.G. 'Rubber manufacture: sampling and identification of volatile pollutants', *American Industrial Hygiene Association Journal*, 1983, 44(7):521-527.

De Vocht, F., Straif, K., Szeszenia-Dabrowska, N., Hagmar, L., Sorahan, T., Burstyn, I., Vermeulen, R., Kromhout, H. 'A database of exposures in the rubber manufacturing industry: design and quality control', *The Annals of Occupational Hygiene*, 2005, 49(8):691-701.

European Chemicals Agency (ECHA). 'Substance Infocard: o-toluidine'. Available at: https://echa.europa.eu/substance-information/-/substanceinfo/100.002.209

European Chemicals Agency (ECHA). Worker exposure to formaldehyde and formaldehyde releasers, 2019. Available at: https://echa.europa.eu/documents/10162/13641/investigationreport_formaldehyde_workers-exposure_final_en.pdf/ac457a0c-378d-4eae-c602-c7cd59abc4c5

Gallagher. 'Types of Polyurethane'. Available at: https://gallaghercorp.com/types-of-polyurethane/

Hanley, K.W., Viet, S.M., Hein, M.J., Carreón, T., Ruder, A.M. 'Exposure to o-toluidine, aniline, and nitrobenzene in a rubber chemical manufacturing plant: a retrospective exposure assessment update', *Journal of Occupational and Environmental Hygiene*, 2012, 9(8):478-490.

Hidajat, M., McElvenny, D.M., Mueller, W., Ritchie, P., Cherrie, J.W., Darnton, A., Agius, R.M., Kromhout, H., de Vocht, F. 'Job-exposure matrix for historical exposures to rubber dust, rubber fumes and n-Nitrosamines in the British rubber industry', *Occupational and Environmental Medicine*, 2019, 76(4):259-267.

IFA Report 6/2020e: Occupational exposure to the inhalable and respirable dust fractions. Available at: https://publikationen.dguv.de/forschung/ifa/ifa-report/4321/ifa-report-6/2020e-occupational-exposure-to-inhalable-and-respirable-dust-fractions

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of* Carcinogenic *Risks to Humans, Volume 71. Re-evaluation of some organic chemicals, hydrazine and hydrogen peroxide*. Lyon, France: IARC,1999.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 99. Some aromatic amines, organic dyes and related exposures*. Lyon, France: IARC, 2010.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations.* Lyon, France: IARC, 2012.

Kromhout, H., Heederik, D. 'Occupational epidemiology in the rubber industry: implications of exposure variability', *American Journal of Industrial Medicine*, 1995, 27(2):171-185.

Lee, N., Lee, B.K., Jeong, S., Yi, G.Y., Shin, J. 'Work environments and exposure to hazardous substances in Korean tire manufacturing', Safety and Health at Work, 2012, 3(2):130-139.

Li, Q., Su, G., Li, C., Wang, M., Tan, L., Gao, L., Mingge, W., Wang, Q. 'Emission profiles, ozone formation potential and health-risk assessment of volatile organic compounds in rubber footwear industries in China', *Journal of Hazardous Materials*, 2019, 375:52-60.

Macaluso, M., Larson, R., Lynch, J., Lipton, S., Delzell, E. 'Historical estimation of exposure to 1,3-butadiene, styrene, and dimethyldithiocarbamate among synthetic rubber workers', *Journal of Occupational and Environmental Hygiene*, 2004, 1(6):371-390.

National Institute for Occupational Safety and Health (NIOSH). 'DHHS, PHS, CDC, NIOSH, DPSE: Research Report: Control of contaminants in tire manufacturing', 1984. Available at: https://www.cdc.gov/niosh/docs/84-111/pdf/84-111.pdf?id=10.26616/NIOSHPUB84111

National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention. Assessment of Exposure to o-Toluidine and Other Aromatic Amines in a Rubber Chemical Manufacturing Plant. Exposure Assessment Update Documentation Report, 2009. Available at: https://www.cdc.gov/niosh/topics/oT/pdf/Site-visit-report-2009.pdf

Stern Rubber Company Blog. 'Epichlorohydrin Rubber'. https://sternrubber.com/blog/epichlorohydrin-rubber/

Ward, E.M., Sabbioni, G., DeBord, D.G., Teass, A.W., Brown, K.K., Talaska, G.G., Roberts, D.R., Ruder, A.M., Streicher, R.P. 'Monitoring of aromatic amine exposures in workers at a chemical plant with a known bladder cancer excess', *Journal of the National Cancer Institute*, 1996, 88(15):1046–1052.

Wilcosky, T.C., Checkoway, H., Marshall, E.G., Tyroler, H.A. 'Cancer mortality and solvent exposures in the rubber industry', *American Industrial Hygiene Association Journal*, 1984, 45(12):809-811.

SEWG_Sewage and Water Worker

The bibliography for this Job Module is contained in Task Modules.

SHIP_Shipping/Fishing

The bibliography for this Job Module is contained in Task Modules.

SHOE_Shoes and leather goods

Baldasseroni, A., Bavazzano, P., Li Donni, V., Buiatti, E., Lanciotti, E., Lorini, C., Toti, S., Biggeri, A. 'Occupational exposure to n-hexane in Italy--analysis of a registry of biological monitoring', *International Archives of Occupational and Environmental Health*, 2003, 76(4):260-266.

Bulat, P., Daemen, E., Van Risseghem, M., De Bacquer, D., Tan, X., Braeckman, L., Vanhoorne, M. 'Comparison of occupational exposure to carbon disulphide in a viscose rayon factory before and after technical adjustments', *Applied Occupational and Environmental Hygiene*, 2002, 17(1):34-38.

Chen, M.S., Chan, A. 'China's "market economics in command": footwear workers' health in jeopardy', *International Journal of Health Services: planning, administration, evaluation*, 1999, 29(4):793-811.

Fu, H., Demers, P.A., Costantini, A.S., Winter, P., Colin, D., Kogevinas, M., Boffetta, P. 'Cancer mortality among shoe manufacturing workers: an analysis of two cohorts', *Occupational and Environmental Medicine*, 1996, 53(6):394-398.

Hertsenberg, S., Brouwer, D., Lurvink, M., Rubingh, C., Rijnders, E., Tielemans, E. 'Quantitative self-assessment of exposure to solvents among shoe repair men', *The Annals of Occupational Hygiene*, 2007, 51(1):45-51.

IFA Report 6/2020e: Occupational exposure to the inhalable and respirable dust fractions. Available at: https://publikationen.dguv.de/forschung/ifa/ifa-report/4321/ifa-report-6/2020e-occupational-exposure-to-inhalable-and-respirable-dust-fractions

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 25. Wood, leather and some associated industries.* Lyon, France: IARC, 1981.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012.

Mayan, O., Pires, A., Neves, P., Capela, F. 'Shoe manufacturing and solvent exposure in northern Portugal', *Applied Occupational and Environmental Hygiene*, 1999, 14(11):785-790.

Scarpelli, A., Miligi, L., Seniori Costantini, A., Alberghini Maltoni, S. 'Exposure to solvents in the shoe and leather goods industries', *International Journal of Epidemiology*, 1993, 22 Suppl 2, S46-S50.

Stroszejn-Mrowca, G.R., Szadkowska-Stanczyk, I. 'Exposure to dust and its particle size distribution in shoe manufacture and repair workplaces measured with GRIMM laser dust monitor', *International Journal of Occupational Medicine and Environmental Health*, 2003, 16(4):321-8.

Uuksulainen, S.O., Heikkilä, P.R., Olkinuora, P.S., Kiilunen, M. 'Self-reported occupational health hazards and measured exposures to airborne impurities and noise in shoe repair work', *International Journal of Occupational and Environmental Health*, 2002, 8(4):320-7.

Vermeulen, R., Li, G., Lan, Q., Dosemeci, M., Rappaport, S.M., Bohong, X., Smith, M.T., Zhang, L., Hayes, R.B., Linet, M., Mu, R., Wang, L., Xu, J., Yin, S., Rothman, N. 'Detailed exposure assessment for a molecular epidemiology study of benzene in two shoe factories in China', *The Annals of Occupational Hygiene*, 2004, 48(2):105-116.

Zaridze, D., Bulbulyan, M., Changuina, O., Margaryan, A., Boffetta, P. 'Cohort studies of chloroprene-exposed workers in Russia', *Chemico-Biological Interactions*, 2001, 135:487-503.

STOR_Store person

The bibliography for this Job Module is contained in Task Modules.

TEAC_Teaching

Chemistry Library. 'Common Laboratory Techniques: Crystallization', 2020. Available at: https://chem.libretexts.org/Bookshelves/Ancillary_Materials/Laboratory_Experiments/Wet_Lab_Experiments/Organic_Chemistry_Labs/Misc/COMMON_LABORATORY_TECHNIQUES

Fechser, M., Alaves, V., Larson, R., Sleeth, D. 'Evaluation of Respirable Crystalline Silica in High School Ceramics Classrooms', *International Journal of Environmental Research and Public Health*, 2014, 11(2):1250-60.

TEXT_Textiles

Anses, Formaldéhyde (2019). Available at: https://www.substitution-cmr.fr/index.php?id=112&tx_kleecmr_pi3%5Buid%5D=23&tx_kleecmr_pi3%5Bonglet%5D=1&tx_kleecmr_pi3%5Bpointer%5D=2&cHash=178f8c8c26

Bakke, B., Stewart, P.A., Waters, M.A. 'Uses of and exposure to trichloroethylene in U.S. industry: a systematic literature review', *Journal of Occupational and Environmental Hygiene*, 2007, 4(5):375-390.

Encyclopaedia Britannica. 'Mercerization'. Available at: https://www.britannica.com/technology/mercerization

European Chemicals Agency (ECHA). 'Adopted opinions and previous consultations on applications for authorisation: on trichloroethylene use'. Available at: https://echa.europa.eu/applications-for-authorisation-previous-consultations

European Commission Scientific Committees. 'Opinion on "Assessment of the risks to human health posed by certain chemicals in textiles"', WS Atkins, Final report - Opinion adopted at the 17th CSTEE plenary meeting, Brussels, 5 September 2000. Available at: https://ec.europa.eu/health/scientific_committees/environmental_risks/opinions/sctee/sct_out72_en.htm

Hirst, H.R., 'Oils and Stains', *Journal of the Society of Dyers and Colourists*, 1934, 50(7), pp. 211-215.

IFA Report 6/2020e: Occupational exposure to the inhalable and respirable dust fractions. Available at: https://publikationen.dguv.de/forschung/ifa/ifa-report/4321/ifa-report-6/2020e-occupational-exposure-to-inhalable-and-respirable-dust-fractions

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 62. Wood dust and Formaldehyde*. Lyon, France: IARC,1995.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC, 2012.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 106. Trichloroethylene, tetrachloroethylene, and some other chlorinated agents.* Lyon, France: IARC, 2012

Singh, Z., Pooja, C. 'Textile industry and occupational cancer', *Journal of Occupational Medicine and Toxicology*, 2016, 11:39.

Starovoitova, D., Odido, D. 'Assessment of toxicity of textile dyes and chemicals via materials safety data sheets', *Research and Reviews in BioSciences*, 2014, 9(7).

Tolbert, P.E. 'Oils and cancer', *Cancer Causes & Control*, 1997, 8(3):386-405.

US Environmental Protection Agency (EPA). 'Synthetic Fibers'. Available at: https://www3.epa.gov/ttnchie1/old/ap42/ch06/s09/final/c06s09_1995.pdf

Wernli, K.J., Astrakianakis, G., Camp, J.E., Ray, R.M., Chang, C.K., Li, G.D., Thomas, D.B., Checkoway, H., Seixas, N.S. 'Development of a job exposure matrix (JEM) for the textile industry in Shanghai, China', *Journal of Occupational and Environmental Hygiene*, 2006, 3(10):521–529.

The Woolmark Company. 'How Wool Is Made: Scouring & Carbonising'. Available at: https://www.woolmark.com/industry/use-wool/wool-processing/woollen-scouring-carbonising/

Woolwise. 'An Overview of Wool Scouring', 2009. Available at: https://www.woolwise.com/wp-content/uploads/2017/07/Wool-482-582-08-T-03.pdf

UPHO_Upholstery

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 62. Wood dust and Formaldehyde*. Lyon, France: IARC, 1995.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012.

Wang, H., Zheng, J., Yang, T., He, Z., Zhang, P., Liu, X., Zhang, M., Sun, L., Yu, X., Zhao, J., Liu, X., Xu, B., Tong, L., Xiong, J. 'Predicting the emission characteristics of VOCs in a simulated vehicle cabin environment based on small-scale chamber tests: Parameter determination and validation', 2020, *Environment International*, 142:105817.

WAMA_Waste Management

Bena, A., Orengia, M., Gandini, M., Bocca, B., Ruggieri, F., Pino, A., Alimonti, A., Ghione, F., Farina, E. 'Human biomonitoring of metals in workers at the waste-to-energy incinerator of Turin: An Italian longitudinal study', *International Journal of Hygiene and Environmental Health*, 2020, 225:113454.

Gravel, S., Bakhiyi, B., Zayed, J., Gravel, S., Côté, D., Roberge, B., Lavoie, J., Wingert, L., Labrèche, F. 'Recyclage primaire des matières résiduelles électroniques au Québec. Portrait de la santé et de la sécurité du travail et appréciation du risque sanitaire', *Rapports Scientifiques,* Bibliothèque et Archives nationales du Québec, Institut de recherche Robert-Sauvé en santé et en sécurité du travail, 2022.

IFA Report 6/2020e: Occupational exposure to the inhalable and respirable dust fractions. Available at: https://publikationen.dguv.de/forschung/ifa/ifa-report/4321/ifa-report-6/2020e-occupational-exposure-to-inhalable-and-respirable-dust-fractions

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012.

Institute of Occupational Medicine (IOM), Research Project P937/8. 'Health, socio-economic and environmental aspects of possible amendments to the EU Directive on the protection of workers from the risks related to carcinogens and mutagens at work', Interim report on respirable crystalline silica, European Commission (EC), 2011. Available at: https://ec.europa.eu/social/BlobServlet?docId=10161&langId=en

Julander, A., Lundgren, L., Skare, L., Grandér, M., Palm, B., Vahter, M., Lidén, C. 'Formal recycling of e-waste leads to increased exposure to toxic metals: an occupational exposure study from Sweden', *Environment International*, 2014, 73:243-51.

Mauriello, M.C., Sbordone, C., Montuori, P., Alfano, R., Triassi, M., Iavicoli, I., Manno, M. 'Biomonitoring of toxic metals in incinerator workers: A systematic review', *Toxicology Letters*, 2017, 272:8-28.

Zimmermann, F., Lecler, M.T., Clerc, F., Chollot, A., Silvente, E., Grosjean, J. 'Occupational exposure in the fluorescent lamp recycling sector in France', *Waste Management*, 2014, 34(7):1257-63.

WELD_Welder

International Agency for Research on Cancer (IARC). 'IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Volume 100D: Radiation', 2012, Lyon, France.

The Institute for Prevention and Occupational Medicine of the German Social Accident Insurance (IPA). 'Humanstudien – unverzichtbar für die arbeitsmedizinische Forschung? Gesundheitliche Belastungen von Schweißern', *IPA-Journal*, 2018. Available at: https://publikationen.dguv.de/widgets/pdf/download/article/3663

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 2018. Welding, Molybdenum Trioxide, and Indium Tin Oxide.* Lyon, France: IARC, 2018.

Kimlin, M.G., Tenkate, T.D. 'Occupational exposure to ultraviolet radiation: the duality dilemma', *Reviews on Environmental Health*, 2007, 22(1):1-38.

Occupational Safety and Health Administration (OSHA). 'OSHA Fact Sheet: Controlling Hazardous Fume and Gases during Welding', 2013. Available at: https://www.osha.gov/sites/default/files/publications/OSHA_FS-3647_Welding.pdf

Pesch, B., Kendzia, B., Hauptmann, K., Van Gelder, R., Stamm, R., Hahn, J.U., Zschiesche, W., Behrens, T., Weiss, T., Siemiatycki, J., Lavoué, J., Jöckel, K.H., Brüning, T. 'Airborne exposure to inhalable hexavalent chromium in welders and other occupations: Estimates from the German MEGA database', *International Journal of Hygiene and Environmental Health*, 2015, 218(5):500-506.

Pesch, B., Lehnert, M., Weiss, T., Kendzia, B., Menne, E., Lotz, A., Heinze, E., Behrens, T., Gabriel, S., Schneider, W., Brüning, T. 'Exposure to hexavalent chromium in welders: Results of the WELDOX II field study', *Annals of Work Exposures and Health*, 2018, 62(3):351-361.

Santonen, T., Louro, H., et al The HBM4EU chromates study – Outcomes and impacts on EU policies and occupational health practices. *International Journal of Hygiene and Environmental Health,* 2023, 248.

Tenkate, T.D. 'Ocular ultraviolet radiation exposure of welders', *Scand J Work Environ Health* 2017; 43(3):287-288.

Tenkate, T.D., Collins, M.J. 'Personal ultraviolet radiation exposure of workers in a welding environment', *American Industrial Hygiene Association Journal*, 1997, 58(1):33-8.

2.2 Task Modules

aART_Art ceramic glazes

Ishida, M., Ishizaki, M., Yamada, Y. 'Decreases in postural change of finger blood flow in ceramic painters chronically exposed to low level lead', *American Journal of Industrial Medicine*, 1996, 29(5):547-53.

Kargar Shouroki, F., Shahtaheri, S.J., Golbabaei, F., Barkhordari, A., Rahimi-Froushani, A. 'Occupational Exposure to Nickel in Glaze Workers', *Archives of Occupational Health*, 2017, 1(1):2-5.

Roig-Navarro, A.F., Lopez, F.J., Serrano, R., Hernandez, F. 'An assessment of heavy metals and boron contamination in workplace atmospheres from ceramic factories', *Science of the Total Environment*, 1997, 201(3):225-34.

Shouroki, F.K., Shahtaheri, S.J., Golbabaei, F., Barkhordari, A., Rahimi-Froushani, A. 'Biological monitoring and lung function assessment among workers exposed to chromium in the ceramic industry', *Journal of Research in Health Sciences*, 2018, 18(1):408.

aASR_Asbestos Removal

Chazelet, S., Wild, P., Silvente, E., Eypert-Blaison, C. 'Workplace respiratory protection factors during asbestos removal operations', *Annals of Work Exposures and Health*, 2018, 62(5):613-21.

Health and Safety Executive (HSE). 'Asbestos: The licensed contractors' guide', 2006. Available at: https://www.hse.gov.uk/pubns/priced/hsg247.pdf

Health and Safety Executive (HSE). 'Respiratory protective equipment at work. A practical guide', 2013. Available at: https://www.hse.gov.uk/pubns/priced/hsg53.pdf

Instituto Nacional de Seguridad e Higiene en el Trabajo (INSST). 'Guía técnica para la para la evaluación y prevención de los riesgos relacionados con la exposición al amianto', REAL DECRETO 396/2006, de 31 de marzo. BOE nº 86, de 11 de abril. Available at: https://www.insst.es/documents/94886/203536/Gu%C3%ADa+t%C3%A9cnica+para+la+evaluaci%C3%B3n+y+prevenci%C3%B3n+de+los+riesgos+relacionados+con+la+exposici%C3%B3n+al+amianto/0aecc8f0-d55c-4eee-becb-17db44e5768c

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012.

Lange, J.H., Lange, P.R., Reinhard, T.K., Thomulka, K.W. 'A study of personal and area airborne asbestos concentrations during asbestos abatement: a statistical evaluation of fibre concentration data', *The Annals of Occupational Hygiene*, 1996, 40(4):449-66.

aAUV_Artificial UV

Australian Radiation Protection and Nuclear Safety Agency. 'Occupational Exposure to Ultraviolet Radiation', Radiation Protection Series No.12. Available at: https://www.arpansa.gov.au/sites/default/files/legacy/pubs/rps/rps12.pdf

Kozłowski, C. 'UV radiation emitted by selected sources at work stands', *International Journal of Occupational Medicine and Environmental Health*, 2001, 14(3):287-92.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D. Radiation*. Lyon, France: IARC, 2012.

World Health Organization (WHO). 'Ultraviolet radiation as a hazard in the workplace', 2003, Available at: https://rainierolympicnurses.org/wp-content/uploads/2019/10/who-2003-ultraviolet-radiation-as-a-hazard-in-the-workplace-1.pdf

aBBU_Back Burning

Austin, C.C., Wang, D., Ecobichon, D.J., Dussault, G. 'Characterization of volatile organic compounds in smoke at experimental fires', *Journal of Toxicology and Environmental Health*, 2001, 63(3):191-206.

Baxter, C.S., Hoffman, J.D., Knipp, M.J., Reponen, T. Haynes, E.N. 'Exposure of Firefighters to Particulates and Polycyclic Aromatic Hydrocarbons', *Journal of Occupational and Environmental Hygiene*, 2014, 11(7):D85-D91.

Burgess, J.L., Hoppe-Jones, C., Griffin, S.C., Zhou, J.J., Gulotta, J.J., Wallentine, D.D., Moore, P.K., Valliere, E.A., Weller, S.R., Beitel, S.C., Flahr, L.M., Littau, S.R., Dearmon-Moore, D., Zhai, J., Jung, A.M., Garavito, F., Snyder, S.A. 'Evaluation of Interventions to Reduce Firefighter Exposures', *Journal of Occupational and Environmental Medicine*, 2020, 62(4):279-288.

Fent, K.W., Evans, D.E., Babik, K., Striley, C., Bertke, S., Kerber, S., Smith, D., Horn, G.P. 'Airborne contaminants during controlled residential fires', *Journal of Occupational and Environmental Hygiene*, 2019, 15(5):399-412.

Fent, K.W., Toennis, C., Sammons, D. et al. 'Firefighters' absorption of PAHs and VOCs during controlled residential fires by job assignment and fire attack tactic', *Journal of Exposure Science & Environmental Epidemiology*, 2020, 30:338-349.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC,2012.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: Styrene, styrene-7,8-oxide, and quinolone*. Lyon, France: IARC, 2019.

Kleindienst, T.E., Shepson, P.B., Edney, E.O., Claxton, L.D., Cupitt, L.T. 'Wood smoke: measurement of the mutagenic activities of its gas- and particulate-phase photooxidation products', *Environmental Science & Technology*, 1986, 20(5):493-501.

Laitinen, J., Mäkelä, M., Mikkola, J., Huttu, I. 'Fire fighting trainers' exposure to carcinogenic agents in smoke diving simulators', *Toxicology Letters*, 2010, 192(1):61-65.

aBED_Animal Bedding

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012.

aCLH_Cleaning Hands

Agency for Toxic Substances and Disease Registry, U.S. Department of Health and Human Services. 'Toxicological Profile for Lead, 2020. Available at: http://www.atsdr.cdc.gov/toxprofiles/tp13.pdf

Australian Government, Department of Industry, Science and Resources. 'Regulating Australian Fuel Quality'. Available at: https://www.industry.gov.au/regulations-and-standards/regulating-australian-fuel-quality

Chevron Corporation. 'Diesel Fuels Technical Review', 2007. Available at: https://www.chevron.com/-/media/chevron/operations/documents/diesel-fuel-tech-review.pdf

Chin, J.Y., Batterman, S.A. 'VOC composition of current motor vehicle fuels and vapors, and collinearity analyses for receptor modelling', *Chemosphere*, 2012, 86(9):951-958.

Leusch, F., Bartkow, M. 'A short primer on benzene, toluene, ethylbenzene and xylenes (BTEX) in the environment and in hydraulic fracturing fluids', Griffith University – Smart Water Research Centre, 2010. Available at: https://www.ehp.qld.gov.au/management/coal-seam-gas/pdf/btex-report.pdf

Safety Data Sheet. 'Fresh Hand Cleaner', 2019. Available at: https://www.lightningcleans.com.au/msds/Fresh%20Hand%20Cleaner%20Rev%200.1%200319.pdf?timestamp=1553823909183

Safety Data Sheet. 'Scrubber Hand Cleaner', 2019. Available at: https://www.lightningcleans.com.au/msds/Scrubber_Hand_Cleaner-GHS_SDS.PDF?timestamp=1588041240607

aCON_Container handling

Baur, X., Poschadel, B., Budnik, L.T. 'High frequency of fumigants and other toxic gases in imported freight containers—an underestimated occupational and community health risk', *Occupational and Environmental Medicine*, 2010, 67(3):207-212.

Budnik, L.T., Kloth, S., Velasco-Garrido, M. et al. 'Prostate cancer and toxicity from critical use exemptions of methyl bromide: Environmental protection helps protect against human health risks', *Environmental Health*, 2012, 11(5).

Hinz, R., Mannetje, A., Glass, B., McLean, D., Pearce, N., Douwes, J. 'Exposures to Fumigants and Residual Chemicals in Workers Handling Cargo from Shipping Containers and Export Logs in New Zealand', *Annals of Work Exposures and Health*, 2020, 64(8):826-837.

Nicas M. 'Estimating methyl bromide exposure due to offgassing from fumigated commodities', *Applied Occupational and Environmental Hygiene*, 2003, 18(3):200-210.

Preisser, A.M., Budnik, L.T., Hampel, E., Baur, X. 'Surprises perilous: toxic health hazards for employees unloading fumigated shipping containers', *Science of the Total Environment*, 2011, 409(17):3106-3113.

Svedberg, U., Johanson, G. 'Occurrence of Fumigants and Hazardous Off-gassing Chemicals in Shipping Containers Arriving in Sweden', *Annals of Work Exposures and Health*, 2017, 61(2):195-206.

aCTO_Cutting Oils

Costello, S., Chen, K., Picciotto, S., Lutzker, L., Eisen, E. 'Metalworking fluids and cancer mortality in a US autoworker cohort (1941-2015)', *Scandinavian Journal of Work, Environment & Health*, 2020, 46(5):525-532.

Instituto Nacional de Seguridad e Higiene en el Trabajo (INSST). 'Situaciones de exposición a agentes químicos - Basequim 031'. Available at: https://www.insst.es/documents/94886/791398/BASEQUIM_031.pdf

Instituto Sindical de Trabajo, Ambiente y Salud (ISTAS). 'Fluidos de corte'. Available at: http://istas.net/descargas/Doc%20de%20FITTEMA%20-%20FLUIDOS%20DE%20CORTE.pdf

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC, 2012.

Park, R.M. 'Risk assessment for metalworking fluids and cancer outcomes', *American Journal of Industrial Medicine*, 2018, 61(3):198-203.

Simpson, A.T., Stear, M., Groves, J.A., Piney, M., Bradley, S.D., Stagg, S., Crook, B. 'Occupational exposure to metalworking fluid mist and sump fluid contaminants', *The Annals of Occupational Hygiene*, 2003, 47(1):17-30.

aCTS_Cutting Stone

Akbar-Khanzadeh, F., Brillhart, R.L. 'Respirable Crystalline Silica Dust Exposure During Concrete Finishing (Grinding) Using Hand-held Grinders in the Construction Industry', *The Annals of Occupational Hygiene*, 2002, 46(3):341-346.

Baldwin, P.E., Yates, T., Beattie, H., Keen, C., Warren, N. 'Exposure to respirable crystalline silica in the GB brick manufacturing and stone working industries', Annals of Work Exposures and Health, 2019, 63(2):184-96.

Beamer, B.R., Coggins, M.A., Van Tongeren, M., MacCalman, L., McGowan, P. 'Evaluation of Misting Controls to Reduce Respirable Silica Exposure for Brick Cutting', *The Annals of Occupational Hygiene*, 2005, 49(6):503-510.

Cooper, J.H., Johnson, D.L., Phillips, M.L. 'Respirable silica dust suppression during artificial stone countertop cutting', *The Annals of Occupational Hygiene*, 2015, 59(1):122-126.

Flynn, M.R., Susi, P. 'Engineering Controls for Selected Silica and Dust Exposures in the Construction Industry – A Review', *Applied Occupational and Environmental Hygiene*, 2003, 18(4):268-277.

Garcia, A., Jones, E., Echt, A.S., Hall, R.M. 'An Evaluation of an Aftermarket Local Exhaust Ventilation Device for Suppressing Respirable Dust and Respirable Crystalline Silica Dust from Powered Saws', *Journal of Occupational and Environmental Hygiene*, 2014, 11(11):D200-D207.

Health and Safety Executive (HSE). 'Controlling exposure to stone masonry dust', 2001. Available at: http://www.hse.gov.uk/pubns/priced/hsg201.pdf

Healy, C.B., et al. 'Determinants of Respirable Crystalline Silica Exposure Among Stoneworkers Involved in Stone Restoration Work', *The Annals of Occupational Hygiene*, 2013, 58(1):6-18.

Instituto Nacional de Seguridad e Higiene en el Trabajo (INSST). '002. Corte de granito con cortadoras de disco: exposición a sílice cristalina', 2011. Available at: https://www.insst.es/documents/94886/791398/BASEQUIM_002_0.pdf

Instituto Nacional de Seguridad e Higiene en el Trabajo (INSST). '005. Mecanizado de planchas de aglomerados de sílice mediante el uso de herramientas portátiles: exposición a sílice cristalina', 2011. Available at https://www.insst.es/documents/94886/791398/BASEQUIM_005_0.pdf

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012.

Institute of Occupational Medicine (IOM), Research Project P937/8. 'Health, socio-economic and environmental aspects of possible amendments to the EU Directive on the protection of workers from the risks related to carcinogens and mutagens at work', Interim report on respirable crystalline silica, European Commission (EC), 2011. Available at: https://ec.europa.eu/social/BlobServlet?docId=10161&langId=en

Linch, K.D. 'Respirable Concrete Dust--Silicosis Hazard in the Construction Industry', *Applied Occupational and Environmental Hygiene*, 2002, 17(3):209-221.

Occupational Safety and Health Administration (OSHA). 'Hazard Alerts: Worker Exposure to Silica during Countertop Manufacturing, Finishing and Installation', 2015. Available at: https://www.osha.gov/dts/hazardalerts/silica_hazard_alert.html

Qi, C., Echt, A. 'In-depth survey report: engineering control of silica dust from stone countertop fabrication and installation', 2016, Cincinnati, OH: DHHS/CDC/NIOSH. Report No. EPHB 375-11a. Available at: http://www.cdc.gov/niosh/surveyreports/pdfs/375-11a.pdf

Rappaport, S.M., Goldberg, M., Susi, P., Herrick, R. F. 'Excessive Exposure to Silica in the US Construction Industry', *The Annals of Occupational Hygiene*, 2003, 47(2):111-122.

Senior Labour Inspectors' Committee (SLIC). 'Guidance for National Labour Inspectors on addressing risks from worker exposure to respirable crystalline silica (RCS) on construction sites', 2016. Available at: https://osha.europa.eu/en/guidance-national-labour-inspectors-on-addressing-risks-from-worker-exposure-to-respirable-crystalline-silica

Simcox, N., Lofgren, D., Leons, J., Camp, J. 'Silica Exposure During Granite Countertop Fabrication', *Applied Occupational and Environmental Hygiene*, 1999, 14(9):577-582.

Sollberger, R., et al. 'Health Hazard Evaluation Diversified Roofing Inc. Phoenix, Arizona, 2006', Cincinnati, OH: DHHS/CDC/NIOSH. Report No. 2003-0209-3015. Available at: https://www.cdc.gov/niosh/hhe/reports/pdfs/2003-0209-3015.pdf

Thorpe, A., Ritchie, A.S., Gibson, M.J., Brown, R.C. 'Measurements of the effectiveness of dust control on cut-off saws used in the construction industry', *The Annals of Occupational Hygiene*, 1999, 43(7):443-456.

Yereb, D., Hewett, P. 'Health Hazard Evaluation of Foeste Masonry, Cape Giarardeau, Missouri', 2001, Cincinnati, OH: DHHS/CDC/NIOSH. NIOSH HHE Report No. 2000-0226-2890. Available at: https://www.cdc.gov/niosh/hhe/reports/pdfs/2000-0226-2890.pdf

Zwack, L.M., Victory, K.R., Brueck, S.E. et al. 'Evaluation of crystalline silica exposure during fabrication of natural and engineered stone countertops', 2016, Cincinnati, OH: DHHS/CDC/NIOSH. NIOSH HHE Report 2014-0215-3250. Available at: http://www.cdc.gov/niosh/hhe/reports/pdfs/2014-0215-3250.pdf

aCTW_Cutting Wood

Chung, K.Y., Cuthbert, R.J., Revell, G.S., Wassel, S.G., Summers, N. 'A study on dust emission, particle size distribution and formaldehyde concentration during machining of medium density fibreboard', *The Annals of Occupational Hygiene*, 2000, 44(6):455-466.

Douwes, J., Cheung, K., Prezant, B., Sharp, M., Corbin, M., McLean, D., 't Mannetje, A., Schlunssen, V., Sigsgaard, T., Kromhout, H., LaMontagne, A.D., Pearce, N., McGlothlin, J. D. 'Wood Dust in Joineries and Furniture Manufacturing: An Exposure Determinant and Intervention Study', *Annals of Work Exposures and Health*, 2017, 61(4):416-428.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 62. Wood Dust and Formaldehyde*. Lyon, France: IARC, 1995.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012.

Kauppinen, T., Vincent, R., Liukkonen, T., Grzebyk, M., Kauppinen, A., Welling, I., Arezes, P., Black, N., Bochmann, F., Campelo, F., Costa, M., Elsigan, G., Goerens, R., Kikemenis, A., Kromhout, H., Miguel, S., Mirabelli, D., McEneany, R., Pesch, B., Plato, N., Schlünssen, V., Schulze, J., Sonntag, R., Verougstraete, V., De Vicente, M.A., Wolf, J., Zimmermann, M., Husgafvel-Pursiainen, K., Savolainen, K. 'Occupational exposure to inhalable wood dust in the member states of the European Union', *The Annals of Occupational Hygiene*, 2006, 50(6):549-61.

National Industrial Chemicals Notification and Assessment Scheme (NICNAS). 'Priority existing chemical assessment report no. 28: Formaldehyde', 2006, Sidney, Table 15.4 and Table 15.5, pp. 159-161. Available at: https://hero.epa.gov/hero/index.cfm/reference/details/reference_id/192040

Schlunssen, V., Jacobsen, G., Erlandsen, M., Mikkelsen, A.B., Schaumburg, I., Sigsgaard, T. 'Determinants of wood dust exposure in the Danish furniture industry—results from two cross-sectional studies 6 years apart', *The Annals of Occupational Hygiene*, 2008, 52(4):227-238.

United Nations Economic Commission for Europe (UNECE), 2016. Overview of European wood market. Available at: https://unece.org/fileadmin/DAM/timber/meetings/20161018/coffi74-item3a1-01-oliver.pdf

aDEG_Degreasing

Australian Institute of Occupational Hygienists (AIOH). 'Exposure Standards Committee, Position Paper: Sulphuric Acid Mist and Occupational Health Issues', 2015. Available at: https://www.aioh.org.au/product/sulphuric/

Bakke, B., Stewart, P.A., Waters, M.A. 'Uses of and exposure to trichloroethylene in U.S. industry: a systematic literature review', Journal of Occupational and Environmental Hygiene, 2007, 4(5):375-390.

Cougartron. 'Chemical Pickling - Considerations for Human Health and the Environment', 2019. Available at: https://cougartron.com/blog/dangers-pickling-paste/

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 106. Trichloroethylene, Tetrachloroethylene, and Some Other Chlorinated Agents*. Lyon, France: IARC, 2014.

Purva, S.B., More, K.D. 'Acute lung injury after exposure to fumes of pickling paste in a fabrication worker', Indian Journal of Occupational and Environmental Medicine, 2018, 22(1):54-56.

aDVM_Driving/Maintenance

Badjagbo, K., Loranger, S., Moore, S., Tardif, R., Sauvé S. 'BTEX Exposures among automobile mechanics and painters and their associated health risks', Human and Ecological Risk Assessment: An International Journal, 2010, 16(2): 301-306.

Cely-García, M.F., Curriero, F.C., Sánchez-Silva, M., Breysse, P.N., Giraldo, M., Méndez, L., Torres-Duque, C., Durán, M., González-García, M., Parada, P., Ramos-Bonilla, J.P. 'Estimation of personal exposure to asbestos of brake repair workers', *Journal of Exposure Science & Environmental Epidemiology*, 2017, 27(4):417-426.

Chin, J.Y., Batterman, S.A. 'VOC composition of current motor vehicle fuels and vapors, and collinearity analyses for receptor modelling', *Chemosphere*, 2012, 86(9):951-958.

Concawe. 'Exposure Profile: Gasoline, Report no. 97/52', 1997, Brussels. Available at: https://www.concawe.eu/wp-content/uploads/2017/01/rpt_97-52-2003-01970-01-e.pdf

Flachsbart, P., Ott, W. 'Trends in passenger exposure to carbon monoxide inside a vehicle on an arterial highway of the San Francisco Peninsula over 30 years: A longitudinal study', *Journal of the Air & Waste Management Association (1995)*, 2019, 69(4):459-477.

Fontes, T., Manso, M.C., Prata, J.C., Carvalho, M., Silva, C., Barros, N. 'Exposure to BTEX in buses: The influence of vehicle fuel type', *Environmental Pollution (Barking, Essex: 1987)*, 2019, 255(Pt 1):113100.

Gamas, E.D., Diaz, L., Rodriguez, R., López-Salinas, E., Schifter, I., Ontiveros, L. 'Exhaust Emissions from Gasoline- and LPG-Powered Vehicles Operating at the Altitude of Mexico City', *Journal of the Air & Waste Management Association (1995)*, 1999, 49(10):1179-1189.

Geiss, O., Tirendi, S., Barrero-Moreno, J., Kotzias, D. 'Investigation of volatile organic compounds and phthalates present in the cabin air of used private cars', *Environment International*, 2009, 35(8):1188-1195.

Glorennec, P., Bonvallot, N., Mandin, C., Goupil, G., Pernelet-Joly, V., Millet, M., Filleul, L., Le Moullec, Y., Alary, R. 'Is a quantitative risk assessment of air quality in underground parking garages possible?', *Indoor Air*, 2008, 18(4):283-292.

Gourdeau, P., Parent, M., Soulard, A. 'Exposition à l'oxyde de carbone dans les garages d'automobiles: évaluation chez les mécaniciens [Carbon monoxide exposure in automobile garages: evaluation of mechanics]', *Canadian Journal of Public Health = Revue canadienne de santé publique*, 1995, 86(6):414-417.

Hampton, C.V., Pierson, W.R., Harvey, T.M., Updegrove, W.S., Marano, R.S. 'Hydrocarbon gases emitted from vehicles on the road. 1. A qualitative gas chromatography/mass spectrometry survey', *Environmental Science & Technology*, 1982, 16(5):287-298.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 105. Diesel and gasoline engine exhausts and some nitroarenes*. Lyon, France: IARC, 2013.

Kim, K.H., Szulejko, J.E., Jo, H.J., Lee, M.H., Kim, Y.H., Kwon, E., Ma, C.J., Kumar, P. 'Measurements of major VOCs released into the closed cabin environment of different automobiles under various engine and ventilation scenarios', *Environmental Pollution (Barking, Essex : 1987)*, 2016, 215:340-346.

Lim, S., Barrat, B., Holliday, L., Griffiths, C., Mudway, I. 'The Driver Diesel Exposure Mitigation Study (DEMiSt)'. Available at: https://iosh.com/diesel-exhaust-exposure

Lofgren D.J. 'Occupational carbon monoxide violations in the State of Washington, 1994-1999', *Applied Occupational and Environmental Hygiene*, 2002, 17(7):501-511.

Martins, E.M., Arbilla, G., Gatti, L.V. 'Volatile organic compounds in a residential and commercial urban area with a diesel, compressed natural gas and oxygenated gasoline vehicular fleet', *Bulletin of Environmental Contamination and Toxicology*, 2010, 84(2):175-179.

Moolla, R., Curtis, C.J., Knight, J. 'Occupational exposure of diesel station workers to BTEX compounds at a bus depot', International Journal of Environmental Research and Public Health, 2015, 12(4):4101-4115.

Moreno, T., Pacitto, A., Fernández, A., Amato, F., Marco, E., Grimalt, J.O., Buonanno, G., Querol, X. 'Vehicle interior air quality conditions when travelling by taxi', *Environmental Research*, 2019, 172:529-542.

National Toxicology Program, Department of Health and Human Services (DHHS). Styrene, in Report on Carcinogens, 14th Edition, 2016. Available at: https://ntp.niehs.nih.gov/ntp/roc/content/profiles/styrene.pdf

Nayeb Yazdi, M., Arhami, M., Delavarrafiee, M., Ketabchy, M. 'Developing air exchange rate models by evaluating vehicle in-cabin air pollutant exposures in a highway and tunnel setting: case study of Tehran, Iran', *Environmental Science and Pollution Research International*, 2019, 26(1):501-513.

Occupational Cancer Research Centre (OCRC). 'Diesel Engine Exhaust'. Available at: https://www.occupationalcancer.ca/burden/current-burden/diesel-engine-exhaust/

Paustenbach, D.J., Finley, B.L., Lu, E.T., Brorby, G.P., Sheehan, P.J. 'Environmental and occupational health hazards associated with the presence of asbestos in brake linings and pads (1900 to present): a "state-of-the-art" review', *Journal of Toxicology and Environmental Health. Part B, Critical reviews*, 2004, 7(1):25-80.

Persoons, R., Richard, J., Herve, C., Montlevier, S., Marques, M., Maitre, A. 'Biomonitoring of styrene occupational exposures: Biomarkers and determinants', Toxicology Letters, 2018, 298:99-105.

Potchter, O., Oz, M., Brenner, S., Yaakov, Y., Schnell, I. 'Exposure of motorcycle, car and bus commuters to carbon monoxide on a main road in the Tel Aviv metropolitan area, Israel', *Environmental Monitoring and Assessment*, 2014, 186(12):8413-8424.

Pronk, A., Coble, J., Stewart, P.A. 'Occupational exposure to diesel engine exhaust: a literature review', *Journal of Exposure Science & Environmental Epidemiology*, 2009, 19(5):443-457.

Radnoff, D., Todor, M.S., Beach, J. 'Occupational exposure to crystalline silica at Alberta work sites', *Journal of Occupational and Environmental Hygiene*, 2014, 11(9):557-570.

Wheatley, A.D., Sadhra, S. 'Occupational exposure to diesel exhaust fumes', *The Annals of Occupational Hygiene*, 48(4):369-376.

Vainiotalo, S., Peltonen, Y., Ruonakangas, A., Pfäffli, P. 'Customer exposure to MTBE, TAME, C6 alkyl methyl ethers, and benzene during gasoline refueling', *Environmental Health Perspectives*, 1999, 107(2):133-140.

Williams, P.R., Mani, A. 'Benzene Exposures and Risk Potential for Vehicle Mechanics from Gasoline and Petroleum-Derived Products', *Journal of Toxicology and Environmental Health. Part B, Critical Reviews*, 2015, 18(7-8):371-399.

Zulauf, N., Dröge, J., Klingelhöfer, D., Braun, M., Oremek, G.M., Groneberg, D.A. 'Indoor Air Pollution in Cars: An Update on Novel Insights', *International Journal of Environmental Research and Public Health*, 2019, 16(13):2441.

aEMB_Embalming

European Chemicals Agency (ECHA). 'Worker exposure to formaldehyde and formaldehyde releasers', 2019. Available at: https://echa.europa.eu/documents/10162/13641/investigationreport_formaldehyde_workers-exposure_final_en.pdf/ac457a0c-378d-4eae-c602-c7cd59abc4c5

European Chemicals Agency (ECHA). 'Formaldehyde for embalming is under assessment', 2022. Available at: https://echa.europa.eu/es/information-on-chemicals/biocidal-active-substances/-/disas/factsheet/1306/PT22

Hiipakka, D.W., Dyrdahl, K.S., Cardenas, M.G. 'Successful reduction of morticians' exposure to formaldehyde during embalming procedures', *AIHAJ-American Industrial Hygiene Association*, 2001, 62(6):689-96.

Korczynski, R.E. 'Formaldehyde exposure in the funeral industry', *Applied Occupational and Environmental Hygiene*, 1994, 9(8):575-9.

aENU_Nuclear energy and waste

Council Directive 2013/59/Euratom of 5 December 2013 laying down basic safety standards for protection against the dangers arising from exposure to ionising radiation, and repealing Directives 89/618/Euratom, 90/641/Euratom, 96/29/Euratom, 97/43/Euratom and 2003/122/Euratom (consolidated version). Available at: https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:02013L0059-20140117

Institut de Radioprotection et de sûreté nucléaire. La radioprotection des travailleurs. Exposition professionelle aux rayonnements ionisants en France: bilan 2017. Available at: https://www.irsn.fr/FR/expertise/rapports_expertise/radioprotection-homme/Pages/Bilan-2017-exposition-professionnelle-rayonnements-ionisants-France.aspx#.Y3ORr3bMKUk

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D. Radiation*. Lyon, France: IARC, 2012.

NIH National Cancer Institute. Accidents at Nuclear Power Plants and Cancer Risk. Available at: https://www.cancer.gov/about-cancer/causes-prevention/risk/radiation/nuclear-accidents-fact-sheet

aFAB_Fabric Cleaning

Bakke, B., Stewart, P.A., Waters, M.A. 'Uses of and exposure to trichloroethylene in U.S. industry: a systematic literature review', *Journal of Occupational and Environmental Hygiene*, 2007, 4(5):375-390.

DIRECTIVE (EU) 2019/130 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL amending Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work. Available at: https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32019L0130&from=EN

European Chemicals Agency (ECHA). 'Trichloroethylene: Exposure Assessment', 2014. Available at: https://echa.europa.eu/documents/10162/b0461f34-e92c-4da3-8c3d-69444fe0ec24

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 106. Trichloroethylene, tetrachloroethylene, and some other chlorinated agents*. Lyon, France: IARC, 2012.

National Industrial Chemicals Notification and Assessment Scheme (NICNAS). 'Tetrachloroethylene – Priority Existing Chemical Assessment Report No. 15', 2001. Available at: https://www.industrialchemicals.gov.au/sites/default/files/PEC15-Tetrachloroethylene.pdf

Poet, T.S., Corley, R.A., Thrall, K.D., Edwards, J.A., Tanojo, H., Weitz, K.K., Hui, X., Maibach, H.I., Wester, R.C. 'Assessment of the Percutaneous Absorption of Trichloroethylene in Rats and Humans Using MS/MS Real-Time Breath Analysis and Physiologically Based Pharmacokinetic Modeling', *Toxicological Sciences*, 2000, 56(1):61-72.

aFFL_Frequent Flyer

Alvarez, L.E., Eastham, S.D., Barrett, S.R. 'Radiation dose to the global flying population', *Journal of Radiological Protection: Official Journal of the Society for Radiological Protection*, 2016, 36(1):93-103.

Barish, R.J. 'Radiation risk from airline travel', *Journal of the American College of Radiology: JACR*, 1(10):784-785.

Health Physics Society (HPS). 'Radiation exposure during commercial airline flights', 2016. Available at: http://hps.org/publicinformation/ate/faqs/commercialflights.html

International Agency for Research on Cancer (IARC). 'IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Volume 100D: Radiation', 2012, Lyon, France.

aFPE_Fuel-powered equipment

See references for aDVM.

Neri, F., Foderi, C., Laschi, A., Fabiano, F., Cambi, M., Sciarra, G., Aprea, M. C., Cenni, A., Marchi, E. 'Determining exhaust fumes exposure in chainsaw operations', *Environmental Pollution*, 2016, 218:1162-1169.

aFTC_Fuel tank cleaning

Carlton, G.N., Smith, L.B. 'Exposures to jet fuel and benzene during aircraft fuel tank repair in the U.S. Air Force', *Applied Occupational and Environmental Hygiene*, 2000, 15(6):485-491.

Chin, J.Y., Batterman, S.A. 'VOC composition of current motor vehicle fuels and vapors, and collinearity analyses for receptor modelling', *Chemosphere*, 2012, 86(9):951-958.

Concawe. 'Exposure Profile: kerosines/jet fuels, Report no. 99/52', 1999. Available at: https://www.concawe.eu/wp-content/uploads/2017/01/2002-00218-01-e.pdf

Kirkeleit, J., Riise, T., Bråtveit, M., Pekari, K., Mikkola, J., Moen, B.E. 'Biological monitoring of benzene exposure during maintenance work in crude oil cargo tanks', *Chemico-biological Interactions*, 2006, 164(1-2):60-67.

Moolla, R., Curtis, C.J., Knight, J. 'Occupational exposure of diesel station workers to BTEX compounds at a bus depot', *International Journal of Environmental Research and Public Health*, 2015, 12(4):4101-4115.

National Institute for Occupational Safety and Health (NIOSH). 'Health Hazard Evaluation on Alyeska Pipeline Service Company', 1987. Available at: https://www.cdc.gov/niosh/hhe/reports/pdfs/1986-0132-1780.pdf

Vainiotalo, S., Peltonen, Y., Ruonakangas, A., Pfäffli, P. 'Customer exposure to MTBE, TAME, C6 alkyl methyl ethers, and benzene during gasoline refueling', *Environmental Health Perspectives*, 1999, 107(2):133-140.

aFUM_Fumigation

Hinz, R., Mannetje, A'., Glass, B., McLean, D., Pearce, N., Douwes, J. 'Exposures to Fumigants and Residual Chemicals in Workers Handling Cargo from Shipping Containers and Export Logs in New Zealand', *Annals of Work Exposures and Health*, 2020, 64(8):826-837.

aFUR_Furnace cleaning, installation and maintenance

Brown, T.P., Harrison, P.T.C. 'Crystalline silica in heated man-made vitreous fibres: a review', *Regulatory Toxicology and Pharmacology*, 2014, 68:152-159.

Fairfax, R., Sweeney, J., Gilgrist, D. 'Exposures to respirable silica during relining of furnaces for molten metals', *Applied Occupational and Environmental Hygiene*, 1998, 13(7):508-10.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts.* Lyon. France: IARC, 2012.

Shih, T.S., Lu, P.Y., Chen, C.H., Soo, J.C., Tsai, C.L., Tsai, P.J. 'Exposure profiles and source identifications for workers exposed to crystalline silica during a municipal waste incinerator relining period', *Journal of Hazardous Materials*, 2008, 154(1-3):469-475.

Strelec, F. 'OSHA compliance issues. Silica exposure in an iron foundry furnace cleaning operation', 2010, *Journal of Occupational and Environmental Hygiene*, 7(5):D23-D26.

aGAL_Anatomy laboratory

Hisamitsu, M., Okamoto, Y., Chazono, H., Yonekura, S., Sakurai, D., Horiguchi, S., Hanazawa, T., Terada, N., Konno, A., Matsuno, Y., Todaka, E. 'The influence of environmental exposure to formaldehyde in nasal mucosa of medical students during cadaver dissection', *Allergology International*, 2011, 60(3):373-9.

Institut de recherche Robert-Sauvé en santé et en sécurité du travail (IRSST). 'Prevention guide – Formaldehyde in the workplace', 2006. Available at: https://www.irsst.qc.ca/media/documents/PubIRSST/RG-473.pdf

Keil, C.B., Akbar-Khanzadeh, F., Konecny, K.A. 'Characterizing formaldehyde emission rates in a gross anatomy laboratory', *Applied Occupational and Environmental Hygiene*, 2001, 16(10):967-72.

Klein, R.C., King, C., Castagna, P. 'Controlling formaldehyde exposures in an academic gross anatomy laboratory', *Journal of Occupational and Environmental Hygiene*, 2014, 11(3):127-32.

Ohmichi, K., Komiyama, M., Matsuno, Y., Takanashi, Y., Miyamoto, H., Kadota, T., Maekawa, M., Toyama, Y., Tatsugi, Y., Kohno, T., Ohmichi, M. 'Formaldehyde exposure in a gross anatomy laboratory. Personal exposure level is higher than indoor concentration (5 pp)', *Environmental Science and Pollution Research*, 2006, 13(2):120-4.

Scheepers, P.T., Graumans, M.H., Beckmann, G., Van Dael, M., Anzion, R., Melissen, M., Pinckaers, N., Van Wel, L., De Werdt, L., Gelsing, V., Van Linge, A. 'Changes in work practices for safe use of formaldehyde in a university-based anatomy teaching and research facility', *International Journal of Environmental Research and Public Health*, 2018, 15(9):2049.

aGEX_Generator Exhaust

See references for aDVM.

Health and Safety Executive (HSE). '*Control of diesel engine exhaust emissions in the workplace*', 2012. Available at: https://www.hse.gov.uk/pubns/priced/hsg187.pdf

aGLU_Glues

Fibreglast. The ultimate fiberglass repair guide. Available at: https://www.fibreglast.com/product/fiberglass-repair-composite-repair/Learning_Center

Instituto Nacional de Seguridad e Higiene en el Trabajo (INSST). NTP 266: Adhesivos sintéticos: riesgo higiénico de resinas y otros componentes. Available at: https://www.insst.es/documents/94886/327166/ntp_266.pdf/08da791e-42f5-4d2c-874f-78f42e3a8516

aGUN_Guns

Envirofluid. Brake Cleaners: Non-Chlorinated vs Chlorinated. Available at: https://envirofluid.com/articles/brake-cleaner-non-chlorinated-vs-chlorinated-how-to-choose-between-deadly-deadlier/

Guns Cleaner website. Available at: https://gunscleaner.com/

Laidlaw, M.A., Filippelli, G., Mielke, H., Gulson, B., Ball, A.S. 'Lead exposure at firing ranges - a review', *Environmental Health: A Global Access Science Source*, 2017, 16(1):34.

Lucas Oil Products Inc. Safety Data Sheet: Lucas Extreme Duty Gun Cleaner. Available at: https://lucasoil.com/pdf/SDS_Extreme-Duty-Contact-Cleaner.pdf

Real Gun Reviews. What's Really in Gun Cleaners and Lube? Available at: https://www.realgunreviews.com/whats-really-in-gun-cleaners-lube/

Safariland. Cleaning accessories. Available at: https://safariland.com/collections/cleaning-accessories

Safety Data Sheet: No. 9 Gun Bore Cleaner. Available at: https://www.hoppes.com/on/demandware.static/-/Library-Sites-HuntShootAccessoriesSharedLibrary/default/dwfbc7ef45/productPdfFiles/hoppesPdf/sds/04e3a446-2860-4fdd-9e91-49ea662e5830.pdf

Washington Trading Company, Inc. Material Safety Data Sheet: Ballistol. Available at: https://www.ballistol.com/wp-content/uploads/2013/09/MSDS_TECH_BIO.pdf

aMAC_Machining Parts

Agencia Estatal Boletín Oficial del Estado. Resolución de 11 de diciembre de 2019, de la Dirección General de Trabajo, por la que se registra y publica el III Convenio colectivo estatal de la industria, la tecnología y los servicios del sector del metal (CEM), 2019. Available at: https://www.boe.es/diario_boe/txt.php?id=BOE-A-2019-18227

Instituto Nacional de Seguridad y Salud en el Trabajo (INSST). Ocupación, actividad económica y mortalidad por cáncer en España, 2019. Available at: https://www.insst.es/documents/94886/599872/Mortalidad+cancer.pdf/2cdf1b22-82bb-4b2f-87ac-ea846d50080d

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, 2012, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC, 2012.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 125. Some industrial chemical intermediates and solvents*. Lyon, France: IARC, 2020.

Santonen, T., Louro, H., et al. The HBM4EU chromates study – Outcomes and impacts on EU policies and occupational health practices. *International Journal of Hygiene and Environmental Health,* 2023, 248.

Simcox, N.J., Stebbins, A., Guffey, S., Atallah, R., Hibbard, R., Camp, J. 'Hard metal exposures. Part 2: Prospective exposure assessment', *Applied Occupational and Environmental Hygiene*, 2000, 15(4):342-53.

Watanabe, M., Nakata, C., Wu, W., Kawamoto, K., Noma, Y. (2007). 'Characterization of semi-volatile organic compounds emitted during heating of nitrogen-containing plastics at low temperature', *Chemosphere*, 2007, 68(11):2063-2072.

aMAH_Material Handling

See references for aDVM.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 62. Wood dust and Formaldehyde*. Lyon, France: IARC, 1995.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D. Radiation*. Lyon, France: IARC, 2012.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC, 2012.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 125*. Some industrial chemical intermediates and solvents. Lyon, France: IARC, 2020.

Institute of Occupational Medicine, Research Project P937/8. 'Health, socio-economic and environmental aspects of possible amendments to the EU Directive on the protection of workers from the risks related to carcinogens and mutagens at work', Interim report on respirable crystalline silica, European Commission (EC), 2011, Available at: https://ec.europa.eu/social/BlobServlet?docId=10161&langId=en

aMXR_Medical radiation

Australian Radiation Protection and Nuclear Safety Agency. Safety guide: Radiation Protection in Diagnostic and Interventional Radiology, Radiation Protection Series, No. 14.1. Available at: https://www.arpansa.gov.au/sites/default/files/legacy/pubs/rps/rps14_1.pdf

Australian Radiation Protection and Nuclear Safety Agency. Safety Guide: Radiation Protection in Nuclear Medicine, Radiation Protection Series, No. 14.2. Available at: https://www.arpansa.gov.au/sites/default/files/legacy/pubs/rps/rps14_2.pdf

Dell, M.A. 'Radiation Safety Review for 511-keV Emitters in Nuclear Medicine', *Journal of Nuclear Medicine Technology*, 1997, 25(1):12-17. Available at: http://tech.snmjournals.org/content/25/1/12.full.pdf

E Vañó, L., González, E., Guibelalde, J,. Fernández, M., Ten, J.I. 'Radiation exposure to medical staff in interventional and cardiac radiology', *The British Journal of Radiology*, 1998, 71(849): 954-960.

International Agency for Research on Cancer (IARC). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D. Radiation. Lyon, France: IARC, 2012.

Jødal, L. 'Beta emitters and radiation protection', *Acta Oncologica*, 2009, 48(2):308-313.

Johnson, D.R., Kyriou, J., Morton, E.J., Clifton, A., Fitzgerald, M., Macsweeney, E. 'Radiation Protection in Interventional Radiology', *Clinical Radiology*, 2001, 52(2):99-106.

Kim, K.P., Miller, D.L., Balter, S., Kleinerman, R.A., Linet, M.S., Kwon, D., Simon, S.L. 'Occupational radiation doses to operators performing cardiac catheterization procedures', *Health Physics*, 2008, 94(3):211-227.

Kim, K.P., Miller, D.L., Berrington de Gonzalez, A., Balter, S., Kleinerman, R.A., Ostroumova, E., Simon, S.L., Linet, M.S. 'Occupational radiation doses to operators performing fluoroscopically-guided procedures', *Health Physics*, 2012, 103(1):80-99.

Meisinger, Q.C., Stahl, C.M., Andre, M.P., Kinney, T.B., Newton, I.G. (2016). 'Radiation Protection for the Fluoroscopy Operator and Staff', *AJR. American Journal of Roentgenology*, 2016, 207(4):745-754.

Rimpler, I.A., Barth, P., Ferrari, S., Baechler, A., Carnicer, L., Donadille, M., Fulop, M., Ginjaume, M., Mariotti, M., Sans-Merce, G., Gualdrini, S., Krim, X., Ortega, N., Ruiz, F.V. 'Extremity exposure in nuclear medicine therapy with 90Y-labelled substances – Results of the ORAMED project', *Radiation Measurements*, 2011, 46(11):1283-1286. Available at: https://www.sciencedirect.com/science/article/pii/S1350448711002356

Roberts, F.O., Gunawardana, D.H., Pathmaraj, K., Wallace, A., Paul, L.U, Tian, Mi., Berlangieri, S.U., O'Keefe, G.J., Rowe, C.C., Scott, A.M. 'Radiation Dose to PET Technologists and Strategies to Lower Occupational Exposure', *Journal of Nuclear Medicine Technology*, 2005, 33(1):44-47. Available at: http://tech.snmjournals.org/content/33/1/44.full.pdf

Safety & Wellbeing Team. 'Ionising Radiation Safety Manual', University of South Australia, 2011, Version 1.7. Available at: https://i.unisa.edu.au/siteassets/human-resources/ptc/files/procedures/safety-and-wellbeing/radiation_safety_manual.pdf

University of Wisconsin, Milwaukee. 'Radiation Safety for Laboratory Workers', Radiation Safety Program University Safety and Assurances, 2017. Available at: https://uwm.edu/safety-health/wp-content/uploads/sites/405/2016/10/Radiation-Safety-for-Laboratory-Workers.pdf

aPAI_Painting

Alexandersson, R., Hedenstierna, G. 'Respiratory Hazards Associated with Exposure to Formaldehyde and Solvents in Acid-Curing Paints', *Archives of Environmental Health: An International Journal*, 1988, 43(3):222-7.

Bennett, J.S., Marlow, D.A., Nourian, F., Breay, J., Hammond, D. 'Hexavalent chromium and isocyanate exposures during military aircraft painting under crossflow ventilation', *Journal of Occupational and Environmental Hygiene*, 2016, 13(5):356-371.

Blade, L.M., Yencken, M.S., Wallace, M.E., Catalano, J.D., Khan, A., Topmiller, J.L., Shulman, S.A., Martinez, A., Crouch, K.G., Bennett, J.S. 'Hexavalent chromium exposures and exposure-control technologies in American enterprise: results of a NIOSH field research study', *Journal of Occupational and Environmental Hygiene*, 2007, 4(8):596-618.

Bråtveit, M., Hollund, B.E., Moen, B.E. 'Reduced exposure to organic solvents by use of water-based paint systems in car repair shops', *International Archives of Occupational and Environmental Health*, 2004, 77(1):31-38.

California Office of Environmental Health Hazard Assessment (OEHHA). Issuance of a Safe Use Determination for Crystalline Silica in Interior Flat Latex Paint, 2003. Available at: https://oehha.ca.gov/proposition-65/crnr/issuance-safe-use-determination-crystalline-silica-interior-flat-latex-paint

Environment Canada and Health Canada. 'Screening Assessment for the Challenge Quartz and Cristobalite', 2013. Available at: https://www.ec.gc.ca/ese-ees/1EB4F4EF-88EE-4679-9A6C-008F0CBC191C/FSAR_B12%20-%2014464-46-1%20%26%2014808-60-7%20%28QC%29_EN.pdf

European Chemicals Agency (ECHA) Substance Infocard: Lead chromate. Available at: https://echa.europa.eu/fr/substance-information/-/substanceinfo/100.028.951

Health and Safety Executive (HSE), Engineering Sheet No 32 Available at: https://www.hse.gov.uk/pubnS/eis32.pdf

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 98. Painting, Firefighting, and Shiftwork*. Lyon, France: IARC, 2010.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, Metals, Fibres, and Dusts*. Lyon, France: IARC, 2012.

Lin, C.H., Lai, C.H., Peng, Y.P., Wu, P.C., Chuang, K.Y., Yen, T.Y., Xiang, Y.K. 'Comparative health risk of inhaled exposure to organic solvents, toxic metals, and hexavalent chromium from the use of spray paints in Taiwan', *Environmental Science and Pollution Research International*, 2019, 26(33):33906-33916.

Merget, R., Bauer, T., Küpper, H.U., Philippou, S., Bauer, H.D., Breitstadt, R., Bruening, T. 'Health hazards due to the inhalation of amorphous silica', *Archives of Toxicology*, 2002, 75: 625-634.

Pagliuca, A., Mufti, G.J., Baldwin, D., Lestas, A.N., Wallis, R.M., Bellingham, A.J. 'Lead poisoning: clinical, biochemical, and haematological aspects of a recent outbreak', Journal of *Clinical Pathology*, 1990, 43(4):277-281.

Pesch, B., Kendzia, B., Hauptmann, K., Van Gelder, R., Stamm, R., Hahn, J.U., Zschiesche, W., Behrens, T., Weiss, T., Siemiatycki, J., Lavoué, J., Jöckel, K.H., Brüning, T. 'Airborne exposure to inhalable hexavalent chromium in welders and other occupations: Estimates from the German MEGA database', *International Journal of Hygiene and Environmental Health*, 2015, 218(5):500-506.

Tse, L.A., Yu, I.S., Au, J.S., Qiu, H., Wang, X. R. 'Silica dust, diesel exhaust, and painting work are the significant occupational risk factors for lung cancer in nonsmoking Chinese men', *British Journal of Cancer*, 2011, 104(1):208-213.

Virji, M.A., Woskie, S.R., Pepper, L.D. 'Skin and surface lead contamination, hygiene programs, and work practices of bridge surface preparation and painting contractors', *Journal of Occupational and Environmental Hygiene*, 2009, 6(2):131-142.

Wang, D., Nie, L., Shao, X., Yu, H. 'Exposure profile of volatile organic compounds receptor associated with paints consumption', *The Science of the Total Environment*, 2017, 603-604:57-65.

aPES_Pesticides

NOTE: With pesticides we mean herbicides, insecticides or fumigants containing petrol, ethylene oxide and formaldehyde (selected cancer risk factors for WES).

Emtech. 'The Use of Formaldehyde in Fumigation', 2020. Available at: https://www.emtech-systems.com/technical-talk/the-use-of-formaldehyde-in-fumigation/

Encyclopedia of Toxicology (Third Edition). 'Naphtha', 2014. Available at: https://www.sciencedirect.com/topics/nursing-and-health-professions/naphtha

European Chemicals Agency (ECHA). 'Information on biocides'. Available at: https://echa.europa.eu/information-on-chemicals/biocidal-active-substances

European Commission. EU Pesticides Database. Available at: https://ec.europa.eu/food/plant/pesticides/eu-pesticides-database/public/?event=homepage&language=EN

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 60. Some industrial chemicals*. 1994, Lyon, France: IARC, 1994.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC, 2012.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 106. Trichloroethylene, Tetrachloroethylene, and Some Other Chlorinated Agents*. Lyon, France: IARC 2014.

Lo Coco, F., Gasparini, G., Lanuzza, F., Stani, G., Adami, G. 'Multidimensional gas chromatographic determination of paraffins, olefins and aromatics in naphthas', *Annali di Chimica*, 2006, 96(9-10):553-560.

Material Safety Data Sheet: Naphtha. Available at: https://www.collectioncare.org/MSDS/naphthamsds.pdf

Mesnage, R., Defarge, N., Spiroux de Vendômois, J., Séralini, G.E. 'Major pesticides are more toxic to human cells than their declared active principles', 2014, *BioMed Research International*, 2014, 179691.

Oregon State University and US Environmental Protection Agency. National Pesticide Information Center (NPIC). 'Petroleum Distillates in Pesticides', 2020. Available at: http://npic.orst.edu/ingred/petroleum-distillates.html

University of Nottingham Safety Office. 'Fumigation with formaldehyde', 2012. Available at: https://www.nottingham.ac.uk/safety/documents/bio-gm6-formaldehyde.pdf

aPTL_Pathology laboratory

European Chemicals Agency (ECHA). 'Worker exposure to formaldehyde and formaldehyde releasers', 2019. Available at: https://echa.europa.eu/documents/10162/13641/investigationreport_formaldehyde_workers-exposure_final_en.pdf/ac457a0c-378d-4eae-c602-c7cd59abc4c5

Goyer, N. 'Prevention fact sheet: Exposure to formaldehyde in the workplace: Pathology laboratory', Quebec, Canada: IRSST, 2007. Available at: https://www.irsst.qc.ca/media/documents/PubIRSST/RG3-473.pdf?v=2023-01-09

Institut de recherche Robert-Sauvé en santé et en sécurité du travail (IRSST). 'Prevention fact sheet: Exposure to formaldehyde in the workplace: Pathology laboratory'. Available at: https://www.irsst.qc.ca/media/documents/PubIRSST/RG3-473.pdf

Institut de recherche Robert-Sauvé en santé et en sécurité du travail (IRSST). 'Prevention guide – Formaldehyde in the workplace', 2006. Available at: https://www.irsst.qc.ca/media/documents/PubIRSST/RG-473.pdf

Xu, W., Stewart, E.J. 'A comparison of engineering controls for formaldehyde exposure during grossing activities in health care anatomic pathology laboratories', *Journal of Occupational and Environmental Hygiene*, 2016, 13(7):529-37.

aSAN_Sanding

Carlton, G.N. 'Hexavalent chromium exposures during full-aircraft corrosion control', *AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety*, 2003, 64(5):668-672.

Chung, K.Y., Cuthbert, R.J., Revell, G.S., Wassel, S.G., Summers, N. 'A study on dust emission, particle size distribution and formaldehyde concentration during machining of medium density fibreboard', *The Annals of Occupational Hygiene*, 2000, 44(6):455-466. https://pubmed.ncbi.nlm.nih.gov/10963710/

Instituto Nacional de Seguridad e Higiene en el Trabajo (INSST). 'Situaciones de exposición a agentes químicos: BASEQUIM'. Available at: https://www.insst.es/documents/94886/589813/017.+Rectificado+superficial+de+piezas+de+madera+mediante+lijado+en+carpinter%C3%ADas+y+ebanister%C3%ADas+exposici%C3%B3n+a+polvo+de+madera.pdf/0c025b34-baf5-48d0-9d82-2222ace962ec

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 62. Wood Dust and Formaldehyde*. Lyon, France: IARC, 1995.

International Agency for Research on Cancer (IARC). 'IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Volume 100C: Arsenic, metals, fibres, and dusts', 2012, p. 176 section 1.5.2 Occupational exposure.

aSER_Service tunnels

See references for aASR.

Österreichischen Forschungsgesellschaft Straße - Schiene - Verkehr (FSV). RVS 09.01.53 Schutzmaßnahmen gegen Kanzerogene Gefahren, 2021. Available at: http://www.fsv.at/shop/produktdetail.aspx?IDProdukt=8b046a62-c132-4c8b-aa34-10daa49f4b57

aSHP_Shipping

Concawe. 'Exposure Profile: Gasoline, Report No. 97/52.' Available at: https://www.concawe.eu/wp-content/uploads/2017/01/rpt_97-52-2003-01970-01-e.pdf.

International Agency for Research on Cancer (IARC). 'IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Volume 100C: Arsenic, metals, fibres, and dusts', 2012, p. 176 section 1.5.2 Occupational exposure.

International Agency for Research on Cancer (IARC*). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC, 2012.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 105. Diesel and gasoline engine exhausts and some nitroarenes*. Lyon, France: IARC, 2013.

Kim, H.H., Park, G.Y., Lee, J.H. 'Concentrations of particulate matter, carbon dioxide, VOCs and risk assessment inside Korean taxis and ships', *Environmental Science and Pollution Research International*, 2019, 26(10):9619-9631.

Kirrane, E., Loomis, D., Egeghy, P., Nylander-French, L. 'Personal exposure to benzene from fuel emissions among commercial fishers: comparison of two-stroke, four-stroke and diesel engines', *Journal of Exposure Science & Environmental Epidemiology*, 2007, 17(2):151-158.

Svendsen, K., Børresen, E. 'Measurements of mineral oil mist, hydrocarbon vapor, and noise in engine rooms of ships', *Applied Occupational and Environmental Hygiene*, 1999, 14(3):186-191.

Williams, P.R., Robinson, K., Paustenbach, D.J. 'Benzene exposures associated with tasks performed on marine vessels (circa 1975 to 2000)', *Journal of Occupational and Environmental Hygiene*, 2005, 2(11):586-599.

aSLD_Soldering

Health and Safety Executive (HSE). 'Exposure to cadmium in silver soldering or brazing', 2015. Available at: https://www.hse.gov.uk/pubns/eis31.pdf

Mohammadyan, M., Moosazadeh, M., Borji, A., Khanjani, N., Rahimi Moghadam, S. 'Exposure to lead and its effect on sleep quality and digestive problems in soldering workers', *Environmental Monitoring and Assessment*, 2019, 191(3):184.

Mohammadyan, M., Moosazadeh, M., Khanjani, N., Rahimi Moghadam, S. 'Quantitative and semi-quantitative risk assessment of occupational exposure to lead among electrical solderers in Neyshabur, Iran', *Environmental Science and Pollution Research International*, 2019, 26(30):31207-31214.

aSTE_Sterilising

Agency for Toxic Substances and Disease Registry. 'Toxicological profile for Ethylene Oxide. US: ATSDR', 1990. Available at: https://www.atsdr.cdc.gov/ToxProfiles/tp137-c5.pdf

Bogen, K.T., Sheehan, P.J., Valdez-Flores, C., Li, A.A. 'Reevaluation of Historical Exposures to Ethylene Oxide among U.S. Sterilization Workers in the National Institute of Occupational Safety and Health (NIOSH) Study Cohort', *International Journal of Environmental Research and Public Health*, 2019, 16(10):1738.

Elliott, L., Mortimer, V., Ringenburg, V., Kercher, S., O'Brien, D. 'Effect of engineering controls and work practices in reducing ethylene-oxide exposure during the sterilization of hospital supplies', *Scandinavian Journal of Work, Environment & Health*, 1988, 14 Suppl 1:40-42.

European Chemicals Agency (ECHA). 'Ethylene oxide as biocide in Europe – under assessment'. Available at: https://echa.europa.eu/es/information-on-chemicals/biocidal-active-substances/-/disas/factsheet/1304/PT02

European Chemicals Agency (ECHA). 'Worker exposure to formaldehyde and formaldehyde releasers', 2019. Available at: https://echa.europa.eu/documents/10162/13641/investigationreport_formaldehyde_workers-exposure_final_en.pdf/ac457a0c-378d-4eae-c602-c7cd59abc4c5

Haufroid, V., Merz, B., Hofmann, A., Tschopp, A., Lison, D., Hotz, P. 'Exposure to ethylene oxide in hospitals: biological monitoring and influence of glutathione S-transferase and epoxide hydrolase polymorphisms', *Cancer Epidemiology and Prevention Biomarkers*, 2007, 16(4):796-802.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D Radiation*. Lyon, France: IARC, 2012.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100F. Chemical Agents and Related Occupations*. Lyon, France: IARC, 2012.
LaMontagne, A.D., Kelsey, K.T. 'Evaluating OSHA's ethylene oxide standard: exposure determinants in Massachusetts hospitals', *American Journal of Public Health*, 2001, 91(3):412-417.
National Industrial Chemicals Notification and Assessment Scheme (NICNAS). 'Priority existing chemical assessment report no. 28: Formaldehyde', 2006, Table 15.6. Pg. 164-167.
Wesołowski, W.I., Sitarek, K.R. 'Occupational exposure to ethylene oxide of hospital staff', *International Journal of Occupational Medicine and Environmental Health*, 1999, 12:59-65.

aSTP_Stripping Paint

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 110. Some Chemicals Used as Solvents and in Polymer Manufacture*. Lyon, France: IARC 2016.
Mason, H., Gallagher, F., Sen, D. 'Window renovation and exposure to lead--an observational study', *Occupational Medicine (Oxford, England)*, 2005, 55(8):631-634.
Mielke, H.W., Powell, E.T., Shah, A., Gonzales, C.R., Mielke, P.W. 'Multiple metal contamination from house paints: consequences of power sanding and paint scraping in New Orleans', *Environmental Health Perspectives*, 2001, 109(9):973-978.
Scholz, P.F., Materna, B.L., Harrington, D., Uratsu, C. 'Residential and commercial painters' exposure to lead during surface preparation', *AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety*, 2002, 63(1):22-28.
Stull, J.O., Thomas, R.W., James, L.E. 'A comparative analysis of glove permeation resistance to paint stripping formulations', *AIHA journal: A Journal for the Science of Occupational and Environmental Health and Safety*, 2002, 63(1):62-71.

aUVR_Solar UV

Australian Radiation Protection and Nuclear Safety Agency. 'Occupational Exposure to Ultraviolet Radiation', Radiation Protection Series No.12. Available at: https://www.arpansa.gov.au/sites/default/files/legacy/pubs/rps/rps12.pdf
Blumthaler, M., Ambach, W. 'Solar UVB-albedo of various surfaces', *Photochemistry and Photobiology*, 1988, 48(1):85-8.
Carey, R.N., Glass, D.C., Peters, S., Reid, A., Benke, G., Driscoll, T.R., Fritschi, L. 'Occupational exposure to solar radiation in Australia: who is exposed and what protection do they use?', *Australian and New Zealand Journal of Public Health*, 2014, 38(1):54-59.
Deng, Y., Zhang, C., Zheng, Y., Li, R., Hua, H., Lu, Y., Gurram, N., Chen, R., OuYang, N., Zhang, S., Liu, Y., Hu, L. 'Effect of Protective Measures on Eye Exposure to Solar Ultraviolet Radiation', *Photochemistry and Photobiology*, 2021, 97(1):205-212.
Glanz, K., Buller, D.B., Saraiya, M. 'Reducing ultraviolet radiation exposure among outdoor workers: state of the evidence and recommendations', *Environmental Health: A Global Access Science Source*, 2007, 6:22.
Hearne, K., Makin, J., Spittal, M. Safe Work Australia. 'National Hazard Exposure Worker Surveillance: Exposure to Direct Sunlight and the Provision of Sun Exposure Controls in Australian Workplaces', Canberra (AUST): Commonwealth of Australia; 2010.
International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D: Radiation*. Lyon, France: IARC, 2012.
Rosenthal, F.S., Phoon, C., Bakalian, A.E., Taylor, H.R. 'The ocular dose of ultraviolet radiation to outdoor workers', *Investigate Ophthalmology & Visual Science*, 1988, 29(4):649-56.
Wittlich, M. 'Criteria for Occupational Health Prevention for Solar UVR Exposed Outdoor Workers-Prevalence, Affected Parties, and Occupational Disease', *Frontiers in Public Health*, 2022, 9:772290.
Wittlich, M., John, S.M., Tiplica, G.S., Sălăvăstru, C.M., Butacu, A.I., Modenese, A., Paolucci, V., D'Hauw, G., Gobba, F., Sartorelli, P., Macan, J., Kovačić, J., Grandahl, K., Moldovan, H. 'Personal solar ultraviolet radiation dosimetry in an occupational setting across Europe', *Journal of the European Academy of Dermatology and Venereology*, 2020, 34(8):1835-1841.
World Health Organization (WHO). 'The effect of occupational exposure to solar ultraviolet radiation on malignant skin melanoma and nonmelanoma skin cancer: a systematic review and meta-analysis from

the WHO/ILO Joint Estimates of the Work-related Burden of Disease and Injury', 2021, Licence: CC BY-NC-SA 3.0 IGO, Geneva. Available at: https://apps.who.int/iris/rest/bitstreams/1400672/retrieve

aVEX_Vehicle Exhausts

See references for aDVM.

aWEL_Welding

Blade, L.M., Yencken, M.S., Wallace, M.E., Catalano, J.D., Khan, A., Topmiller, J.L., Shulman, S.A., Martinez, A., Crouch, K.G., Bennett, J.S. 'Hexavalent chromium exposures and exposure-control technologies in American enterprise: results of a NIOSH field research study', *Journal of Occupational and Environmental Hygiene*, 2007, 4(8):596-618.

Ding, X., Zhang, Q., Wei, H., Zhang, Z. 'Cadmium-induced renal tubular dysfunction in a group of welders', *Occupational Medicine (Oxford, England)*, 2011, 61(4):277-279.

Flynn, M.R., Susi, P. 'Local exhaust ventilation for the control of welding fumes in the construction industry--a literature review', *The Annals of Occupational Hygiene*, 2012, 56(7):764-776.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D. Radiation*. Lyon, France: IARC, 2012.

Meeker, J.D., Susi, P., Flynn, M.R. 'Hexavalent chromium exposure and control in welding tasks', *Journal of Occupational and Environmental Hygiene*, 2010, 7(11):607-615.

Susi, P., Goldberg, M., Barnes, P., Stafford, E. 'The use of a task-based exposure assessment model (T-BEAM) for assessment of metal fume exposures during welding and thermal cutting', *Applied Occupational and Environmental Hygiene*, 2000, 15(1):26-38.

Tenkate, T.D. 'Ocular ultraviolet radiation exposure of welders', *Scandinavian Journal of Work, Environment & Health*, 2017, 43(3):287-288.

Tenkate, T.D., Collins, M.J. 'Personal ultraviolet radiation exposure of workers in a welding environment', *American Industrial Hygiene Association Journal*, 1997, 58(1):33-38.

Wallace, M., Shulman, S., Sheehy, J. 'Comparing exposure levels by type of welding operation and evaluating the effectiveness of fume extraction guns', *Applied Occupational and Environmental Hygiene*, 2001, 16(8):771-779.

Wang, X., Yang, Y., Wang, X., Xu, S. 'The effect of occupational exposure to metals on the nervous system function in welders', *Journal of Occupational Health*, 2006, 48(2):100-106.

aWOP_Wood Preservatives

Cocker, J., Morton, J., Warren, N., Wheeler, J.P., Garrod, A.N. 'Biomonitoring for chromium and arsenic in timber treatment plant workers exposed to CCA wood Preservatives', *The Annals of Occupational Hygiene*, 2006, 50(5):517-525.

Decker, P., Cohen, B., Butala, J.H., Gordon, T. 'Exposure to wood dust and heavy metals in workers using CCA pressure-treated wood', *AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety*, 2002, 63(2):166-171.

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100C. Arsenic, metals, fibres, and dusts*. Lyon, France: IARC, 2012.

Jones, R.D., Winter, D.P., Cooper, A.J. 'Absorption study of pentachlorophenol in persons working with wood preservatives', *Human Toxicology*, 1986, 5(3):189-194.

Nygren, O., Nilsson, C.A., Lindahl, R. 'Occupational exposure to chromium, copper and arsenic during work with impregnated wood in joinery shops', *The Annals of Occupational Hygiene*, 1992, 36(5):509-517.

Takahashi, W., Pfenninger, K., Wong, L. 'Urinary arsenic, chromium, and copper levels in workers exposed to arsenic-based wood preservatives', *Archives of Environmental Health*, 1983, 38(4):209-214.

Vincent, R., Gillet, M., Goutet, P., Guichard, C., Hédouin-Langlet, C., Frocaut, A.M., Lambert, P., Leray, F., Mardelle, P., Dorotte, M., Rousset, D. 'Occupational exposure to chrome VI compounds in French companies: results of a national campaign to measure exposure (2010-2013)', *The Annals of Occupational Hygiene*, 2015, 59(1):41-51.

aXRY_X-ray use

Australian Radiation Protection and Nuclear Safety Agency. 'Safety guide: Radiation protection in Diagnostic and interventional radiology', Radiation Protection Series, No. 14.1. Available at: https://www.arpansa.gov.au/sites/default/files/legacy/pubs/rps/rps14_1.pdf

International Agency for Research on Cancer (IARC). *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100D. Radiation*. Lyon, France: IARC, 2012.

2.3 Other References

Carey, R.N, Driscoll, T.R., Peters, S., Glass, D.C., Reid, A., Benke, G., Fritschi, L. 'Estimated prevalence of exposure to occupational carcinogens in Australia (2011-2012)', *Occupational* and *environmental medicine*, 2014, 71(1):55-62.

Directive (EU) 2019/983 of the European Parliament and of the Council of 5 June 2019 amending Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work (Text with EEA relevance). Available at: https://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX:32019L0983&from=EN

European Agency for Safety and Health at Work (EU-OSHA), 'Feasibility study on the he development of a computer-assisted telephone survey to estimate workers' exposure to carcinogens in the European Union', Publications Office, 2019. https://data.europa.eu/doi/10.2802/390898

European Agency for Safety and Health at Work (EU-OSHA), Exposure to carcinogens and work-related cancer: a review of assessment method: European risk observatory report, Publications Office, 2015. https://data.europa.eu/doi/10.2802/33336

Fritschi, L. 'OccIDEAS- occupational exposure assessment in community-based studies', *Occupational Medicine*, 2019, 69(3):156-157. Available at: https://doi.org/10.1093/occmed/kqy126

Fritschi, L., Friesen M.C., Glass, D., Benke, G., Girschik J., Sadkowsky, T. OccIDEAS: retrospective occupational exposure assessment in community-based studies made easier, 2009, *J Environ Public Health*. doi: 10.1155/2009/957023

Fritschi, L., Sadkowsky, T., Glass, D.C. 'OccIDEAS: web-based assessment of occupational agent exposure', Software Application Profile, *International Journal of Epidemiology*, 2020, 1-4 doi: 10.1093/ije/dyaa022

Health and Safety Executive. Confined spaces: A brief guide to working safely, 2013. Available at: https://www.hse.gov.uk/pubns/indg258.htm

Institut national de recherche et de sécurité (INRS), Principes généraux de ventilation, 2022. Guide pratique de ventilation. Available at: https://www.inrs.fr/media.html?refINRS=ED%20695