

ES1 - IW1 : Arsenic acid

ECS and WCS	Task (ERC/spERC or PROC)	Annual amount per site (tonnes /year)	Technical RMMs, including: *Containment, *Ventilation (general, LEV...) *customized technical installation, etc	Organisational RMMs, including: *Duration and Frequency of exposure *OSH management system *Supervision *Monitoring arrangements *Training, etc	PPE (characteristics)	Other conditions	Effectiveness of waste water and waste air treatment (for ERC)	Release factors: water, air and soil (for ERC)	Detailed info. in CSR (section)
ECS 1	ERC 6b – Surface treatment	3.25					Water : <0.1ppm	Water FRF : 0.05 % Air FRF : 0.005 % Soil FRF : 0 %	9.1.1.
WCS 1	PROC 1 - Use in closed process, no likelihood of exposure		Closed system 5-10 air changes / hr	Duration < 1 hour BS-OHSAS 18001 Safety training	Gloves Safety googles Protective suit	Ambient Indoors Conc. In mixture : 80 %			9.1.2.
WCS 2	PROC 5 - Dilution of the substance into a large container	3.25	Preparation site only 5-10 air changes / hr Other employees circulation forbidden	Duration < 15 min Frequency : 1 x / wk BS-OHSAS 18001 4 persons only Specific safety training	Nitrile Gloves Safety Respirator Disposable all-in-one suit	Ambient Indoors Conc. In mixture : 80 %			9.1.3.
WCS 3	PROC 13 - Electrochemical surface treatment		LEV by lip extraction Specialised room ventilation with more than 10 air changes/hr	Duration < 1 hr Frequency : 1 x / d BS-OHSAS 18001 Safety training	Nitrile Gloves Safety googles Protective suit	Ambient Indoors Conc. In mixture : 1 %			9.1.4.
WCS 4	PROC 8b - Maintenance of equipment		Specialised room ventilation with more than 10 air changes/hr	Duration < 15 min / d / y Frequency : 2 x / y BS-OHSAS 18001 Safety training	Nitrile Gloves Safety Respirator Disposable all-in-one suit	Ambient Indoors Conc. In mixture : 1 %			9.1.5.

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WCS 5	PROC 15 - Sampling for laboratory analysis and control		Specialised room ventilation with more than 10 air changes/hr (sampling) and >1 air change/hr (analysis)	Duration < 1 hr Frequency : 1 x / d BS-OHSAS 18001 Safety training	Nitrile Gloves Safety goggles Protective suit	Ambient Indoors Conc. In mixture : 1 %			9.1.6.

Abbreviations: WCS=Worker contributing scenario, ECS=Environmental Contributing Scenario,* ERC=Environmental Release Category (or spERC if available) , PROC=Process category, LEV=Local Exhaust Ventilation, PPE=Personal Protective Equipment