

EXAMPLE OF EXPOSURE ASSESSMENT TEMPLATE

Examples of Activity/Task Include tools or equipment used with task Identify location of task	Potential hazard	Number of workers directly involved and estimated duration of exposure to hazard(s)	Amt used per time	Used outdoors or indoors or enclosed space or confined space	Potential for over exposure to hazard? Low, medium, high or NA	Hierarchy of Controls • elimination of hazard • substitution • engineering • administrative • personal protective equipment (last resort)	Is exposure to hazard <u>acceptable</u> , <u>unacceptable</u> or <u>uncertain</u> ? Give a technical basis or rationale for each decision (calculations, monitoring data)	IH Sampling Plan? Yes or No or NA If Yes, submit sampling plan. If no, why?
Welding on galvanized steel lamp post outside 701-34G Bldg	Inhalation of metal fumes: Lead, zinc, cadmium	1 welder 1 helper 3 hours/day each worker for 2 days	2 welding rods per hour	outdoors	low	Elimination of galv coating by removal from metal first. Welding PPE	acceptable	Yes. See attached personal sampling plan for Zn, Pb, Cd
Removing grease accumulation from kitchen hood via pump with wand	Caustic cleaning compound. Skin, eye hazards.	2 workers 5 hours/day for 1 week	6 oz per hour	indoors	Medium risk for contact	Dilute 1 oz w/10 oz water. Chemical goggles, chem. Resistant gloves	acceptable because 1 to 10 dilution factor creates ph of 8 (very mild)	N/A
Spray painting 1000 sq ft drywall w/enamel paint Bldg 54	Inhalation of toxic organic vapors	1 painter 4 hrs/day for 1 day	2 gallons	indoors	high	Open all doors and windows. Airline respirator, full body tyvek, chem resistant gloves	uncertain	Yes. See attached personal sampling plan for xylene, acetone, benzene
Grinding on steel table Bldg 88 shop	Noise >85 dBA	1 worker 3 hrs/day for 1 day	NA	Indoors shop environment	high	Foam inserts and ear muffs. Also establish 85 dBA boundary with warning signs.	unacceptable	Yes. See dosimetry sampling plan attached.

Definitions:Acceptable-to be defined by Industrial HygienistUnacceptable- to be defined by Industrial HygienistUncertain- to be defined by Industrial Hygienist