

INDUSTRIAL HYGIENE ASSESSMENT FORM

Instructions:

1. Prepare for the IH Survey:
 - a) Define the scope of the survey.
 - b) Review past IH monitoring results, audits, field notes, Tripartites, etc.
 - c) Contact supervisor, Building Manager of the survey area and arrange meeting time.

2. Perform the IH Assessment:
 - a) Meet designated contact. Discuss process (including non-routine operations).
 - b) Interview employees. Discuss process and potential exposures.
 - c) Conduct any prompt, confirmatory monitoring (direct reading instrument, SLM).
 - d) Complete field notes on Industrial Hygiene Assessment Form (IHAF):
 - 1) HAZARD - List each particular hazard of concern (1 per form),
 - 2) DATA - List any specific information regarding hazard exposure (frequency, duration, number of employees affected, process, etc.),
 - 3) CONTROLS - List controls presently in place (ventilation, PPE, administrative),
 - 4) RECOMMENDATIONS - Determine potential exposures and recommend possible IH management strategies (periodic monitoring, training needs, PPE requirements, additional controls, etc.).

3. Enter IH Assessment Data
 - a) Access and log into the IH Assessment Database at \\Eshserver1\DB_Apps\PC_Apps\ESH_HS_Apps\IHA.fmx.
 - b) Enter the information in the top-left section of the form. A unique ID number will be generated when this section is complete.
 - c) Continue to enter data into each field. Note that several Process Types and Hazards can be entered from the pull-down lists. For each Hazard entered, corresponding data must be entered into the Hazard Data section (Controls, Data, Recommendations, Standards).

Potential Hazards:

Physical:

Noise (continuous, impact), **Vibration**, **Non-ionizing Radiation** (microwave, RF, IR, lasers)

Chemical (inhalation):

Metals (Pb, Be, Cu, Al, Cr, Ni, etc.), **Dusts** (nuisance, silica, asbestos, etc.), **Mists** (spray *Inhalation* painting, fluxes), **Fumes** (welding, brazing, torch cutting), **Cryogens** (oxygen deficiency), **Solvents** (acetone, halogenated), **Acids** (HCl, H₂SO₄), **Bases** (NaOH),

Chemical (dermal):

Cleaners (detergents, acids, caustics), **Insulation** (fiberglass), **Glues** (epoxies), **Paints** (solvents)

Biological:

BBP, TB, Mold, Fungi, Bacteria

Other:

Heat Stress, Cold Stress, Magnetic Fields, Ergonomic

DATE	<input type="text"/>	DIVISION/SECTION	<input type="text"/>	PROCESS TYPE	<input type="text"/>
SUBGROUP	<input type="text"/>			CONTACT (S)	<input type="text"/>
GROUP	<input type="text"/>			SURVEYOR (S)	<input type="text"/>
LOCATION	<input type="text"/>			JOB CLASSES	<input type="text"/>
NUMBER OF EMPLOYEES	<input type="text"/>				
GENERAL PROCESS DESCRIPTION	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>				

HAZARD

- | | | | | | | | | | |
|----------------------|-----------------|------------------------|------------|-------------|--------|------------|----------|-------|-------|
| Noise | Vibration | Non-Ionizing Radiation | Cleaners | Insulation | Glues | Paints | | | |
| Metals | Dusts | Fumes | Mists | Gases | Vapors | Cryogenics | Solvents | Acids | Bases |
| Temperature Extremes | Magnetic Fields | Biological | Ergonomics | OTHER _____ | | | | | |

DATA

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CONTROLS

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RECOMMENDATIONS

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