

# SafetyToolboxTalks

## INDUSTRIAL HYGIENE

BRIESER CONSTRUCTION HAS AN INDUSTRIAL HYGIENE PROGRAM. THE PURPOSE OF THIS PROGRAM IS TO INFORM EMPLOYEES OF THE HEALTH HAZARDS THAT MAY ARISE BY PERFORMING COMMON TASKS AT BRIESER CONSTRUCTION SUCH AS; CONCRETE CUTTING, CHIPPING OR SAWING. HEALTH HAZARDS ARE CHEMICAL, PHYSICAL (SUCH AS NOISE AND HEAT STRESS), ERGONOMIC OR BIOLOGIC HAZARDS THAT CAN CAUSE AN OCCUPATIONAL ILLNESS.

AS YOU HAVE LEARNED THROUGHOUT THE YEARS, HAZARD COMMUNICATION IS REQUIRED WHEN WE WORK WITH HAZARDOUS MATERIALS. AN MSDS SHEET IS OUR 1<sup>ST</sup> LINE OF DEFENSE TO AVOID OR REDUCE POTENTIAL EXPOSURES. INDUSTRIAL HYGIENE IS YET ANOTHER ASPECT TO THE HAZARD COMMUNICATION STANDARD. YOU MAY ALREADY KNOW THAT CONCRETE CAN CAUSE BURNS BY REVIEWING THE MSDS SHEET BUT DID YOU KNOW THAT THE DUST DURING CUTTING CAN ALSO AFFECT YOUR HEALTH? WE AT BRIESER CONSTRUCTION WILL BE MONITORING INDIVIDUALS FOR THESE KINDS OF EXPOSURES. THIS TAKES THE EXPERTISE OF AN INDUSTRIAL HYGIENIST TO PERFORM THIS TYPE OF EVALUATION.

THE FOLLOWING JOB TASKS ARE COMMON TO BRIESER CONSTRUCTION AND WILL BE ASSESSED FOR EXPOSURES EITHER BY A QUALITATIVE/QUANTITATIVE ASSESSMENT. PLEASE BE AWARE OF THESE HAZARDS WHILE PERFORMING THESE TASKS. READ YOUR MSDS FOR THE PRODUCT AND PROTECT YOURSELF BY USING ALL REQUIRED PPE FOR THE TASK. INDIVIDUAL RESULTS WILL BE POSTED AT EACH JOBSITE FOR YOUR REVIEW AS THE DATA IS TABULATED. THEY ARE ALSO INCLUDED WITH THIS NEWSLETTER.

General Category	Job Task	Agent	Exposure Information Substance
Concrete	Concrete Cutting (Wet & Dry)	Acoustics, Portland Cement Dust, Ergonomics, Exhaust Fumes	Noise, Inhalable Dust, Respirable Silica, Carbon Monoxide, Vibrations
	Concrete Chipping/Demolition	Acoustics, Portland Cement Dust, Ergonomics, Exhaust Fumes	Noise, Inhalable Dust, Respirable Silica, Carbon Monoxide, Vibrations
	Compacting	Acoustics, Portland Cement Dust, Ergonomics, Exhaust Fumes	Noise, Inhalable Dust, Respirable Silica, Carbon Monoxide, Vibrations
	Pouring/Setting	Wet Concrete	Skin
	Power Finishing	Exhaust Fumes	Carbon Monoxide
Excavation	Hammer attachment for machine on bedrock	Acoustics, Dust, Ergonomics, Exhaust Fumes	Noise, Total, Respirable & Silica, Carbon Monoxide
Metalwork	Arc Welding	Welding Fumes, Nonionizing Radiation	Metals, UV, (CrIV Stainless Steel)
	Tig Welding	Welding Fumes, Nonionizing Radiation	Metals, UV, (CrIV Stainless Steel)
	Mig Welding	Welding Fumes, Nonionizing Radiation	Metals, UV, (CrIV Stainless Steel)
	Torch Cutting	Fumes, Nonionizing Radiation	Metals, UV, (CrIV Stainless Steel)
	Grinding	Grinding Fumes	(CrIV Stainless Steel)
Woodworking	Cutting	Wood Dusts	Respirable Dust (Western Red Cedar A1 Carcinogen and a Sensitizer)
	Sanding	Wood Dusts	Respirable Dust (Western Red Cedar A1 Carcinogen and a Sensitizer)

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## BRIESER CONSTRUCTION SAFETY MEETING

Week of: \_\_\_\_\_

Job Number: \_\_\_\_\_

Date: \_\_\_\_\_

Job Name: \_\_\_\_\_

Superintendent: \_\_\_\_\_

Site Specific Topics:

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Crew Safety

Recommendations: \_\_\_\_\_

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Reviewed MSDS #: \_\_\_\_\_ Subject: \_\_\_\_\_

Meeting Attended By: (Print your Name)


Supervisor/Foreman: \_\_\_\_\_