

COURSE SCHEDULE

TIME	INSTRUCTOR	ACTIVITY	CLASS TIME	MATERIALS
8:00	MSU Instructor	Introduction and Course Overview <ol style="list-style-type: none"> Trainers: introduce themselves Trainers explain emergency exit routes and locations of washrooms Students introduce themselves and briefly describe their work experience and worksite Trainers explain the broad objective of the course, review the day's schedule and handout resource materials Trainers "walk" students through the manual organization 	30	Training Manual Course Outline Pencil Instructor's Manual
8:30	MSU Instructor	"20 Questions" Small Group Exercise and Report Back "What is silica and what does it do to you?"	15	Handout Exercise Answer each Handout Question
8:50	MSU Instructor	Overview & MIOSHA	15	Stop Silicosis - OSHA Video PowerPoint: Overview
9:10	MSU Instructor	Health Hazards of Abrasive Blasting	55	Protecting Workers from Silica Hazards in the Workplace – OSHA Video PowerPoint Presentation Chapter 2
10:00		- Break -		Coffee, snacks
10:15	MSU Instructor/ Abrasive Salesperson	Silica Substitutes <ol style="list-style-type: none"> An explanation of different substitutes Advantages over silica sand 	60	PowerPoint: Chapter 1 Abrasive Samples Literature

COURSE SCHEDULE

TIME	INSTRUCTOR	ACTIVITY	CLASS TIME	MATERIALS
11:15	MSU Instructor/Abrasive Salesperson	Minimizing Airborne Silica a. Silica Exposure Control Plan b. An explanation of blasting rooms, blasting boxes and ventilation controls	45	PowerPoint: Chapter 4 Literature
12 noon		- Lunch -		Lunch Provided on Site
12:30	MSU Instructor	Getting Organized a. An explanation about Health and Safety Committees	15	Three Core Elements of a Safety & Health Program – US DOL video PowerPoint: Chapter 3
12:45	MSU Instructor/PPE Salesperson	Air Monitoring a. Principles of air monitoring b. Interpreting the results c. Hands-on demonstration (Small group assembles and calibrates a sampling train)	45	PowerPoint: Chapter 5 Air monitoring equipment - Air sampling pumps - Cyclones - Filter cassettes - Pump calibration equipment - Direct reading instrumentation
1:30		Stretch Break	5	
1:35	MSU Instructor/PPE Salesperson	Respiratory Protection and Personal Protective Equipment a. Type CE b. Half face, full face, PAPR c. How to select, Protection Factors, Limitations d. Respirator inspection, donning the respirator, respirator fit testing, cleaning and maintenance e. Compressor information	75	PowerPoint: Chapter 6 - 1 type each of the respirators discussed - Fit test kit - Respirator cleaning kit - Cartridges - Breather box - PPE samples Respiratory Fit Testing – OSHA Video (If not demonstrated by PPE salesperson)

COURSE SCHEDULE

TIME	INSTRUCTOR	ACTIVITY	CLASS TIME	MATERIALS
2:50		- Break	15	Soda, snack items
3:05	MSU Instructor	Safety Training a. An explanation of why we train b. Review of training requirements for hazard communication, PPE, respiratory protection, noise, medical records/trade secrets	30	Respiratory Protection Training Requirements – OSHA Video PowerPoint: Chapter 7
3:35	MSU Instructor	Cleaning Up a. An explanation of how and why to clean b. An explanation of PPE to be worn while cleaning	20	PowerPoint: Chapter 8
3:55		Stretch Break	5	
4:00	MSU Instructor	Medical Monitoring a. Review of health effects of exposure b. Recommended medical screening protocol c. Explanation of the medical tests d. Recordkeeping requirements	40	PowerPoint: Chapter 9
4:40	MSU Instructor	Keeping Your Family Safe	10	PowerPoint: Chapter 10
4:50	MSU Instructor	Summary General Question and Answer Period	10	PowerPoint: Summary
5:00	MSU Instructor	Participants fill out Course Evaluation		Course Evaluation Form