

SAFELANDUSA SYLLABUS

MODULE 1

BEHAVIORAL SAFETY

- Overview
- Roles and Responsibilities - Behavior Based Safety
- Making an Observation

SHORT SERVICE EMPLOYEE

- Banned Items- weapons i.e. firearms, ammunition, etc.
- Illegal drugs, alcohol, explosives
- Reporting to work-Fitness for Duty
- Mentoring

INTERVENTION

- Overview
- Management Leadership / Support of Intervention
- Describe an individual's responsibilities to do interventions
- Explanation of how interventions are used (Examples)

INCIDENT REPORTING AND INVESTIGATION

- Responsibility for reporting
- Definition of an incident to report

- How to report an incident
- Types of incidents
- Purpose of incident investigation
- Explain why incidents need investigation

SUBSTANCE ABUSE AWARENESS

- Government Regulations / Company Requirements
- Testing
- Supervisor Training Requirements: Reasonable Suspicion
- Employee Awareness: Effects and Consequences

PREVENTION OF WORKPLACE VIOLENCE

- Overview
- Responsibilities - Recognition and Notification

MODULE 2

PERSONAL PROTECTIVE EQUIPMENT

- PPE Overview
- Eliminate - Control - Protect
- Selection, Fit, Adjustment of PPE
- Eye and Face Protection
- Head, Foot and Hand Protection

- Respiratory Requirements - Types of Respirators
- Hearing Protection
- Protective Clothing and FRC

JOB SAFETY ANALYSIS/PRE-JOB PLANNING

- Overview
- Roles and Responsibilities of Hazard Identification
- JSA Elements (Job steps, Hazard Identification, Mitigation)

SIMULTANEOUS OPERATIONS

- Communications

HAZARD COMMUNICATION

- Overview of Hazard Communication
- Identification of Chemicals: SDS, Labels and Warning, Chemical Inventory
- Training Requirements

ACCIDENT PREVENTION SIGNS AND TAGS

- Types and meaning of signs and tags
- Definition and design

WORKING AT HEIGHTS

- Overview
- Only work to your level of training
- Responsibilities - Prevention of dropped objects and falls
- Personal Protective Equipment and Inspection Requirements
- Equipment for working at heights (Manlifts, Fall Protection Systems)

MODULE 3

HAND SAFETY

- General safety rules "Right tools for the job"
- Types of cutting tools , Pocket Knife, Machete, Bush Knife, Hatchets
- Causes of hand injuries

FIRST AID AND BLOODBORNE PATHOGENS

- Respond only to level trained and know who is trained
- Location of Emergency Contact Numbers and Equipment
- Bloodborne Pathogens

PERMITTING

- Overview
- Roles and Responsibilities
- Types of Permits - Examples: Confined Space, Hot Work, LOTO, etc.

CONFINED SPACE

- Hazards of Confined Spaces
- Roles and Responsibilities
- Categories: Permit Required vs. Non-Permit Required

MODULE 4

EXCAVATION- TRENCHING AND SHORING

- Overview
- Identification of Underground Hazards / ONE CALL – 811
- Levels of Training / Competency Requirements
- Safe Work Practices / Procedures / Permits
- Hazards Recognition and Mitigation
- Use of Personal Protective Equipment
- Hazardous Atmospheres
- Emergency Response Plans

HYDROGEN SULFIDE

- **Overview of ANSI Z390.1 Standard**

FIRE SAFETY AND EMERGENCY EVACUATION

- **Overview of Fire Protection, Prevention, and Detection**
- **Respond only to level trained and know who is trained**
- **Elements/Causes of Fire**
- **Fire Classification**
- **Extinguishing Methods / Types of Extinguishers**

ELECTRICAL SAFETY

- **Overview of Electrical Safety**
- **Causes of Electrical Accidents**
- **Results of Unsafe Work Practices**
- **Energized vs. De-energized**
- **Working Near Exposed De-energized Parts**
- **Working Near Energized Equipment**
- **Overhead Line Safety**
- **Portable Electrical Equipment**

- **Inspecting Welding Leads / Electrical Cords / GFCI**
- **Electrical PPE**

LOCKOUT/TAGOUT

- **Overview of Lockout/Tagout**
- **Identifying Hazardous Energy**
- **Roles and Responsibilities**
- **Procedures - Lockout Only, Tagout Only, Group Lockout, Removal of Locks and Tags**

MODULE 5

MATERIAL HANDLING

- **Materials Handling Equipment**
- **Forklift Safety**
- **Cranes, Rigging & Tag Lines**
- **Working with Hand tools**
- **Cheater Bar/Pipe**
- **Personal Lifting Introduction**
- **Why back injuries occur - Back Injury Prevention**
- **Lifting Safely - Safety Tips for Lifting**

- Alternatives to Lifting

WALKING-WORKING SURFACES

- Overview
- Guarding Floor and Wall Openings and Holes
- Housekeeping
- Scaffolding/Ladders
- Stairways/Handrails

INDUSTRIAL HYGIENE AND OCCUPATIONAL SAFETY

- Overview
- Roles and Responsibilities
- Exposure Types - Skin contact, Inhalation, Ingestion, Radiation (Ionizing & Non-Ionizing), Noise, etc.
- Common Hazards - Benzene, Lead, H₂S, CO₂, NORM, Mercury, Diethanolamine, Hexavalent chromium, methanol, welding fume, N₂, Fibers (Asbestos, Mineral, etc.), Fumes, Liquids, Weather, Dust, Biological, Respirable Silica, Diesel Particulate Matter, etc.
- Monitoring and Mitigation
- Thermal Stress

ENVIRONMENTAL AWARENESS

- Federal and State Regulations & Compliance and Reporting

- **Roles and Responsibilities**
- **Response and Reporting of discharges, leaks & spills**
- **Minimize waste**
- **All wastes go in specific containers**
- **Overview of HAZWOPER**

ADVERSE WEATHER

SAFE DRIVING PRACTICES