

Assessment Tool

Workplace Health and Safety

Part 1: Apply workplace health and safety practices

Learner Name:		Siemens ID	
Telephone No.:		Date:	
Learner Is	<input type="checkbox"/> Competent <input type="checkbox"/> Not Yet Competent		
Assessor Name and Signature			

Performance Criteria	<p>Factors affecting health and safety in the workplace are identified</p> <ul style="list-style-type: none"> • General safety knowledge • Identify factors affecting health and safety in the workplace • Apply general work site and employer safety rules, work procedures and regulations • Identify, select and use Personal Protective Equipment (PPE) correctly
Resources	<ul style="list-style-type: none"> • Personal Protective Equipment (PPE) • Fundamental principles of occupational health and safety, by ILO www.ilo.org/wcmsp5/groups/public/@dgreports/@dcomm/ • Numerous videos, toolbox talks and safety tips and checklists can be found at: www.safety.cat.com • Other Work site and sampled employer safety rules/regulations documents

Practical Assessment

Provide the learners with each of the following PPE items for them to identify name and state orally the corresponding purpose. Each of the following PPE should be identified, named and its purpose explained correctly.

1. Safety helmet
2. Gloves
3. Eye protection
4. High-visibility clothing
5. Safety footwear
6. Safety harnesses (Fall protection)
7. Respiratory Protective Equipment (RPE)
8. Ear protection

Items to be Evaluated	YES/NO
1. Were the worksite rules and regulations read and interpreted correctly?	
2. Was the correct safe work procedure for a simulated work environment task determined and explained?	
3. Was the specific PPE set for each specific task correctly identified?	
4. Was the condition of PPE assessed and its safety status indicated accordingly?	
5. Was PPE used correctly for the simulated task?	
6. Was PPE removed correctly from the body?	
7. Was PPE maintained and kept in the correct place?	
8. Has the trainee successfully passed the theoretical part?	
Comments by Assessor:	

Task 1.1 – 1.4 Select the best answer below.	8 Points
1.1 Ill health at work could lead to	
<input type="checkbox"/> A an increase in holiday allowance	
<input type="checkbox"/> B an increase in wages	
<input type="checkbox"/> C a delay in the progress of the project	
<input type="checkbox"/> D a reduction in material discount	
1.2 Which one of the following is a typical hazard associated with services?	
<input type="checkbox"/> A Exposed sewer	
<input type="checkbox"/> B Disused gas supply	
<input type="checkbox"/> C Worn electric cables	
<input type="checkbox"/> D Exposed phone cable	
1.3 Which one of the following is a typical risk associated with the incorrect storage of concrete drain pipes?	
<input type="checkbox"/> A Electrocutation	
<input type="checkbox"/> B Crushing	
<input type="checkbox"/> C Dermatitis	
<input type="checkbox"/> D Suffocation	
1.4 What is a typical risk associated with demolishing a wall?	
<input type="checkbox"/> A Crushing	
<input type="checkbox"/> B Dermatitis	
<input type="checkbox"/> C Suffocation	
<input type="checkbox"/> D Electrocutation	

Task 1.5 – 1.8 Select the best answer below.	8 Points
1.5 Which one of the following is a common cause of a site fatality?	
<input type="checkbox"/> A Poor welfare facilities	
<input type="checkbox"/> B Discovery of asbestos	
<input type="checkbox"/> C Working on unsuitable scaffolding	
<input type="checkbox"/> D Working with cheap material	
1.6 What harm could occur whilst manual handling large, heavy loads?	
<input type="checkbox"/> A Head injuries	
<input type="checkbox"/> B Breathing problems	
<input type="checkbox"/> C Sprains and strains	
<input type="checkbox"/> D Burns and scalds	
1.7 What are operatives advised to do regarding safe lifting operations?	
<input type="checkbox"/> A Avoid lifting with PPE on	
<input type="checkbox"/> B Lift as much as possible	
<input type="checkbox"/> C Lift heavy loads only for short periods at a time	
<input type="checkbox"/> D Avoid manual handling as far as it is reasonably practical	
1.8 What does PPE stand for?	
<input type="checkbox"/> A Protective Preventitive Equipment	
<input type="checkbox"/> B Personal Protective Equipment	
<input type="checkbox"/> C Personal Preventative Equipment	
<input type="checkbox"/> D People's Protective Equipment	

Task 1.9 – 1.10 Select the best answer below.	4 Points
1.9 Which of the following describes a work place health and safety hazard? <input type="checkbox"/> A Putting the wet floor sign up after mopping the floor <input type="checkbox"/> B An unanswered health and safety question <input type="checkbox"/> C An activity which cannot be insured <input type="checkbox"/> D Something that might cause harm	
1.10 The legal responsibilities of an employer with regards to health and safety include what? <input type="checkbox"/> A Charging employees for replacing damaged or lost PPE <input type="checkbox"/> B Providing safe systems of work for all employees <input type="checkbox"/> C Taking out additional insurances for dangerous work <input type="checkbox"/> D Ensuring that only one member of staff works on a dangerous job	

Question 1.11

10 points

a) Identify any FIVE(5) negative factors that affect our health and safety at workplace

1:

2:

3:

4:

5:

b) For each of factors above, explain how we can mitigate corresponding effects

Model Answers Theoretical Assessment

Task 1.1-1.10	
1.1 Ill health at work could lead to	
<input type="checkbox"/> C a delay in the progress of the project	
1.2 Which one of the following is a typical hazard associated with services?	
<input type="checkbox"/> C Worn electric cables	
1.3 Which one of the following is a typical risk associated with the incorrect storage of concrete drain pipes?	
<input type="checkbox"/> B Crushing	
1.4 What is a typical risk associated with demolishing a wall?	
<input type="checkbox"/> A Crushing	
1.5 Which one of the following is a common cause of a site fatality?	
<input type="checkbox"/> C Working on unsuitable scaffolding	
1.6 What harm could occur whilst manual handling large, heavy loads?	
<input type="checkbox"/> C Sprains and strains	
1.7 What are operatives advised to do regarding safe lifting operations?	
<input type="checkbox"/> D Avoid manual handling as far as it is reasonably practical	
1.8 What does PPE stand for?	
<input type="checkbox"/> B Personal Protective Equipment	
1.9 Which of the following describes a work place health and safety hazard?	
<input type="checkbox"/> D Something that might cause harm	
1.10 The legal responsibilities of an employer with regards to health and safety include what?	
<input type="checkbox"/> B Providing safe systems of work for all employees	

Model Answers Theoretical Assessment

Task 1.11	
<p>Question 1.11</p> <p>A) Negative factors that affect our health and safety at workplace</p> <ul style="list-style-type: none">• Stress and fatigue of the workers e.g. as a result of lack of rest and other factors• Specific hazards encountered e.g. electric shock and/or other accidents• Poor worker welfare facilities e.g. lack of lavatories, drinking water etc.• Inadequate worker Safety facilities and equipment, e.g. lack of proper tools, PPE and other equipment• Poor workplace/site condition or environment e.g. humidity, temperature, ventilation space and ergonomics• Negative worker behavior e.g. use of drugs and alcohol as well as inappropriate sexual behaviors <p>B) Mitigation for each of factors and effects include:</p> <ul style="list-style-type: none">• Stress and fatigue: Include sufficient rest at work, guiding and counselling of worker• Specific hazards: Apply workplace safety procedure at all times• Poor worker welfare facilities: the employer to be engaged to provide proper social amenities/workers to ensure they are used well• Inadequate worker Safety facilities and equipment: the employer/worker to provide/avail or use at all times• Poor workplace/site condition or environment: the employer/worker to ensure that it is improved/maintained always• Negative worker behavior: workers to avoid/minimize risky behavior at work and seek medical/psychosocial support where it applies	