1. **COURSE OBJECTIVES**  
a. On completion of the course, you will know:  
i. Your Roles and Responsibilities  
ii. How to determine load weight  
iii. How to read sling capacity charts  
iv. How to determine safe working load (SWL)  
v. The effect of sling angles  
vi. How to find the center of gravity  
vii. How to inspect rigging equipment  
viii. Hand Signals

2. **OCCUPATIONAL HEALTH AND SAFETY (OH&S) ACT**  
a. **Obligations of Employers, Workers, etc.** 2(1)-(5)  
b. **Serious Injuries and accidents** 18(1)-(2)  
c. **Existence of Imminent Danger** 35(1)-(2)

3. **OCCUPATIONAL HEALTH AND SAFETY (OH&S) REGULATION**  
a. **General protection of workers** 13(1)-(4)  
b. **Duties of workers** 14(1)-(2)  
c. **Safety training** 15(1)(2)(4)(5)

4. **OCCUPATIONAL HEALTH AND SAFETY (OH&S) CODE**  
a. **PART 6 - Cranes, Hoists and Lifting Devices**  
i. **Load weight** 68  
ii. **Lift Calculation** 68.1  
iii. **Loads over work areas** 69(1)-(5)  
iv. **Tag and Hoisting Lines** 70(1)-(3)  
v. **Hand signals** 71  
b. **PART 21 – Rigging**  
i. **Breaking Strength** 292(1)-(2)  
ii. **Safety Factors** 292.1(1)-(2)  
iii. **Load Ratings** 293(1)-(2)  
iv. **Inspection** 294  
v. **Rigging Protection** 296  
vi. **Standards** 297(1)-(4)  
vii. **Slings** 298(1)-(2)  
viii. **Rope wound on drum** 299(1)-(2)  
ix. **Cable Clips** 300(1)-(4)  
x. **Matching Components** 302(1)-(5)  
xii. **Makeshift rigging and welding** 304  

**Rejection Criteria**  
xiii. **Synthetic fibre slings** 305(1)-(4)  
xiv. **Wire Rope** 306(1)-(4)  
xv. **Electric Arc damage** 308  
xvi. **Damaged Hooks** 309
5. STANDARDS
   a. American Society of Mechanical Engineers (ASME)
      i. ASME Standard B30.9-1996
      ii. ASME Standard B30.20-2006