

In-house training on Fundamental Welding Safety Requirements

PLANNING

DEVELOPING

CONSULTING
& TRAINING

ACHIEVING



From,

Karnam Shivakumar

- General Manager

ISO Bahrain Consultancy Services Co W.L.L.

CR – 88011-01, Office: 412 , Building: 743,

Road: 831, Block: 408, Sanabis,

Kingdom of Bahrain.

Email: shiva@isobahrain.com

isobahrain@gmail.com

Website: www.isobahrain.com

Mobile: 00973-39527484





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1. TRAINING PURPOSE

To enhance the employee technical competency in welding safety, mitigating the hazard and risk without affecting welding quality in fabrication division.

2. COMPANY ACTIVITIES

Concept, Design, Manufacturing, supply & Installation of various kinds of signage products, internal, external & directional signs, ATM drive-ups pylon and canopy, walk-ups and surrounds, banners, embroidery products, flags, road gantries & direction signs, labels & stickers, marble, metal and wood product processing, motor vehicles & house, shops number plates, promotional materials, vehicle & window graphics, plastics & acrylic related products.

3. TRAINING COURSE DESCRIPTION

In this 8 hours training course, trainer will guide you through the fundamental of welding safety by explaining step by step process as outlined in the course details. Participants also be taught regulatory & standards requirements and how they can be applied using international best practice methods. Using a step-by-step approach, participants will learn how to ensure quality assurance & control, create the necessary documentation, taking corrective and preventive actions, and monitor the welding skills. A series of hands-on exercises will help participants to learn effectively while also providing information that can be referenced during your organization's implementation process.

4. WHO SHOULD ATTEND?

- QA/QC Inspectors
- Welders
- Supervisors

5. LEARNING OBJECTIVES

Upon completion of this course, students will be able to understand/perform:

- Laws and regulation(Local and International)
- Welding Hazard & control measures
- Types of welding
- Safe system of work
- Welder qualification
- Duties & responsibilities of welders & supervisors
- Work instructions, welding equipment inspection & maintenance
- Firefighting requirements
- Storage and transporting welding equipment
- Emergency preparedness procedures
- Training requirements for safe welding's
- Practical Welding Inspection



- Learn how to perform quality checks as per check lists
- Learn how to record in form
- Taking correction, corrective and preventive actions.
- Identifying hazard & risks associated with the welding jobs.
- Storage requirements
- Use of Personal protective equipment.

6. BENEFITS OF TRAINING COURSE

- Reduce of wastage
- Reduce product rejection rate
- Improved operational efficiency and productivity and decreased waste and defects.
- Reduce risks or hazard associated with fire.
- Prevent pollution.

7. PREREQUISITES

This course requires knowledge of welding operation & handling equipment in their operational area.

8. REFERENCES USED TO TRAIN EMPLOYEES

- Welding safety and standards practices
- Regulatory requirements
- Standard operation procedures

9. CERTIFICATION

- Upon successfully completing the course each participant will receive an international certificate from OHS academy USA & a valid card.
- Certificate will be issued within 2 weeks.

10. TRAINER PROFILE

- Trainer Name : Mr.Nejad Ismail
- Qualification : OHS Academy authorized trainer
- Attachments: CV & CPR copy of trainer
- Course material: Hard copy of training manual, pens & work assessment
- Assessment: Pre and Post-test examination with 20 questions.
- Marks: Minimum passing is 70 %
- Course language : Arabic and English



11. TRAINING METHODOLOGY

Training is delivered in class room and practically on the workshop floor

Step 1	Self & Participants Introduction
Step 2	Pre-Assessment
Step 3	Principles of basics welding
Step 4	Explain type of welding
Step 5	Safe & best practises in welding
Step 6	Storage and handling of equipment
Step 7	Safe welding training

12. COURSE AGENDA

Time	Topic
	1 Day / 8 Hours
8 am – 8:45 am	Introduction
	Participant introductions
	Overview of course structure and learning objectives
	Participants introductions
	Overview of course structure and learning objectives
8:45 am to 9:30 am	<ul style="list-style-type: none">• Laws and regulation(Local and International)• Welding Hazard & control measures• Types of welding• Safe system of work• Welder qualification• Duties & responsibilities of welders & supervisors• Work instructions, welding equipment inspection & maintenance• Firefighting requirements• Storage and transporting welding equipment• Emergency preparedness procedures• Personal protective equipment• Training requirements for safe welding's• Practical Welding Inspection
Tea break 10 min	
9:40 to 1 pm	
Lunch Break 30 min	
1:30 to 5 pm	