



# **Welding Safety**

conducted for

# **Yellow Agency**

**Reference Number**

YA-2356

**Date and Time of Inspection**

08 May 2018 09:36 AM

**Inspected by**

Mark Zac Chua

**Location**

483 Quezon Blvd, Quiapo, Manila, 1001 Metro Manila, Philippines

**Completed on**



08 May 2018 10:03 AM

**Score**

25/30.0 - 83.33%

## Failed Responses

This section lists responses that were set as "failed responses" in the template used for this audit

Question	Response	Details
Do all welding operators wear proper PPE?	No	Not wearing proper PPE (Gloves and safety clothing)
 <p>Appendix 2</p>		
Are all welding cables, wirings, and electrode holder insulations in good working condition?	No	Replace worn out cables
 <p>Appendix 3</p>		
Is there a suitable Class ABC fire extinguisher nearby while welding?	No	No fire extinguisher around the vicinity
Is fire blanket available within the area?	No	No fire blanket available within the vicinity
Is gas cylinder valve fully closed and put away safely?	No	The gas cylinder is open
Overall Rating	At-Risk	Ensure every welding operator use appropriate PPE

## Actions

### #1. Replace worn out cables

Assignee: jack@yellow.com  
Priority: HIGH  
Due Date: 09 May 2018 09:50 AM  
Audit: Yellow Agency / YA-2356 / 8 May 2018 / Mark Zac Chua  
Linked to item: Are all welding cables, wirings, and electrode holder insulations in good working condition?  
Status: To Do

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### #2. Request fire extinguisher

Assignee: jam@yellow.com  
Priority: HIGH  
Due Date: 08 May 2018 10:50 AM  
Audit: Yellow Agency / YA-2356 / 8 May 2018 / Mark Zac Chua  
Linked to item: Is there a suitable Class ABC fire extinguisher nearby while welding?  
Status: To Do

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### #3. Request fire blanket



Assignee: jam@yellow.com  
Priority: HIGH  
Due Date: 09 May 2018 09:50 AM  
Audit: Yellow Agency / YA-2356 / 8 May 2018 / Mark Zac Chua  
Linked to item: Is fire blanket available within the area?  
Status: To Do



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### #4. Additional arch shield needed


Assignee: jiro@yellow.com  
Priority: MEDIUM  
Due Date: 09 May 2018 09:50 AM  
Audit: Yellow Agency / YA-2356 / 8 May 2018 / Mark Zac Chua  
Linked to item: Is arch shield used to provide an extra layer of protection?  
Status: To Do

## Inspection - 25/30 83.33%

Question	Response	Details
<b>GENERAL INFORMATION</b>		
Description of work	Welding operation using a metal inert gas (MIG) welder	
Take a photo of the workplace		
		
Appendix 1		
<b>PRE-OPERATION</b>		Score (13/17) 76.47%
<b>OPERATORS</b>		Score (5/6) 83.33%
Are all welding operators trained/certified?	Yes	All employees underwent training
Are all instructions clear and understood by operators?	Yes	
Are all welding operators familiar with welding machine?	Yes	
Are all welding operators aware of the type of materials to be weld?	Yes	
Do all welding operators wear proper PPE?	No	Not wearing proper PPE (Gloves and safety clothing)
		
Appendix 2		

Question	Response	Details
<p>REFERENCE: Welding operator wear proper PPE            [This is an example of how you can use iAuditor to include best practice reference images in your templates to assist with inspections]</p> 		
Are welding operators aware of all safety and emergency protocols?	Yes	
<b>WELDING MACHINE</b>		Score (2/3) 66.67%
Are all welding cables, wirings, and electrode holder insulations in good working condition?	No	Replace worn out cables
 <p>Appendix 3</p>		
Are all welding terminals and joints in good working condition?	Yes	
Is the size of cable suitable for voltage supply?	Yes	
<b>AREA</b>		Score (6/8) 75.00%
Is work area clean and free of flammables and obstructions?	Yes	
Is work area well ventilated?	Yes	Work area has good ventilation
Is there a suitable Class ABC fire extinguisher nearby while welding?	No	No fire extinguisher around the vicinity
Are combustible floors wetted or protected?	Yes	

Question	Response	Details
Are combustible walls shielded or guarded?	Yes	
Is fire blanket available within the area?	No	No fire blanket available within the vicinity
Are warning signs placed within the area?	Yes	Warning signs placed properly
 <p>Appendix 4</p>		
Is work area restricted to regular employees?	Yes	
<b>ON-GOING OPERATION</b>		Score (7/7) 100.00%
Is arch shield used to provide an extra layer of protection?	Yes	
Do all welding operators wear an approved respirator?	N/A	
Are all welding operators insulated from work and ground?	Yes	
Are all welding operators use dry insulation?	Yes	
Do welding operators avoid coiling of electrode cable around any part of their body?	Yes	This is a good practice
Are oxygen cylinders handled with clean hands or gloves?	Yes	
Are fuel-gas cylinders placed with valve end up?	Yes	
Is cylinder not attached when lifting a machine?	Yes	
<b>POST-OPERATION</b>		Score (5/6) 83.33%
Are all combustible materials swept away?	Yes	

Question	Response	Details	
Are all welding equipment turned off and properly stored?	Yes		
Is gas cylinder valve fully closed and put away safely?	No	The gas cylinder is open	
Are all equipment clean and stored properly?	Yes		
Are waste items disposed properly in designated and appropriate waste container?	Yes		
Are all incidents reported to a supervisor?	Yes	No incidents recorded	
<b>COMPLETION</b>			
Recommendation	<ul style="list-style-type: none"> <li>- Welding operators should always wear proper PPE</li> <li>- Follow up on replacement of worn out cable</li> <li>- There should be fire extinguisher and blanket nearby while welding</li> <li>- Always tighten gas cylinder valve after work</li> </ul>		
Overall Rating	At-Risk	Ensure every welding operator use appropriate PPE	
Inspector's Name and Signature	Mark Zac Chua	08 May 2018 09:59 AM	

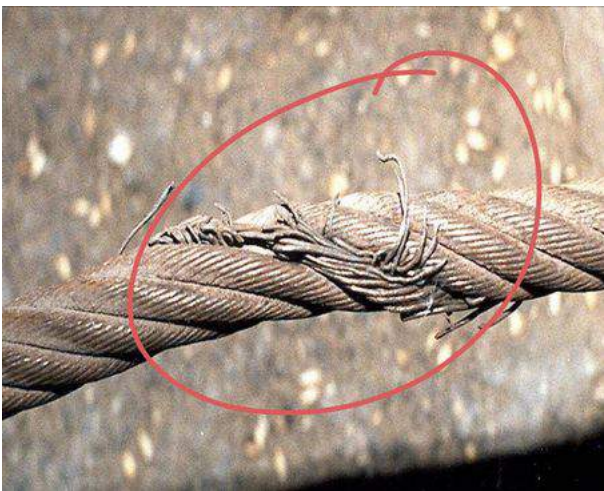
# Media



Appendix 1



Appendix 2



Appendix 3



Appendix 4