

Welding Hazards

Project Site Visit Welding Hazards Case Study



For Public Official's Use Only

Welding Hazards

The Project is a Large Industrial Fabricator with Multiple Construction Projects at the Project with the Following Trades Active on site:

- Steel Erection
- Carbon Steel & Stainless Vessel Erection



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Welding Hazards

Inspection Photographs & Videos

Note: Not all Photographs & Videos Depict a Citable Hazard

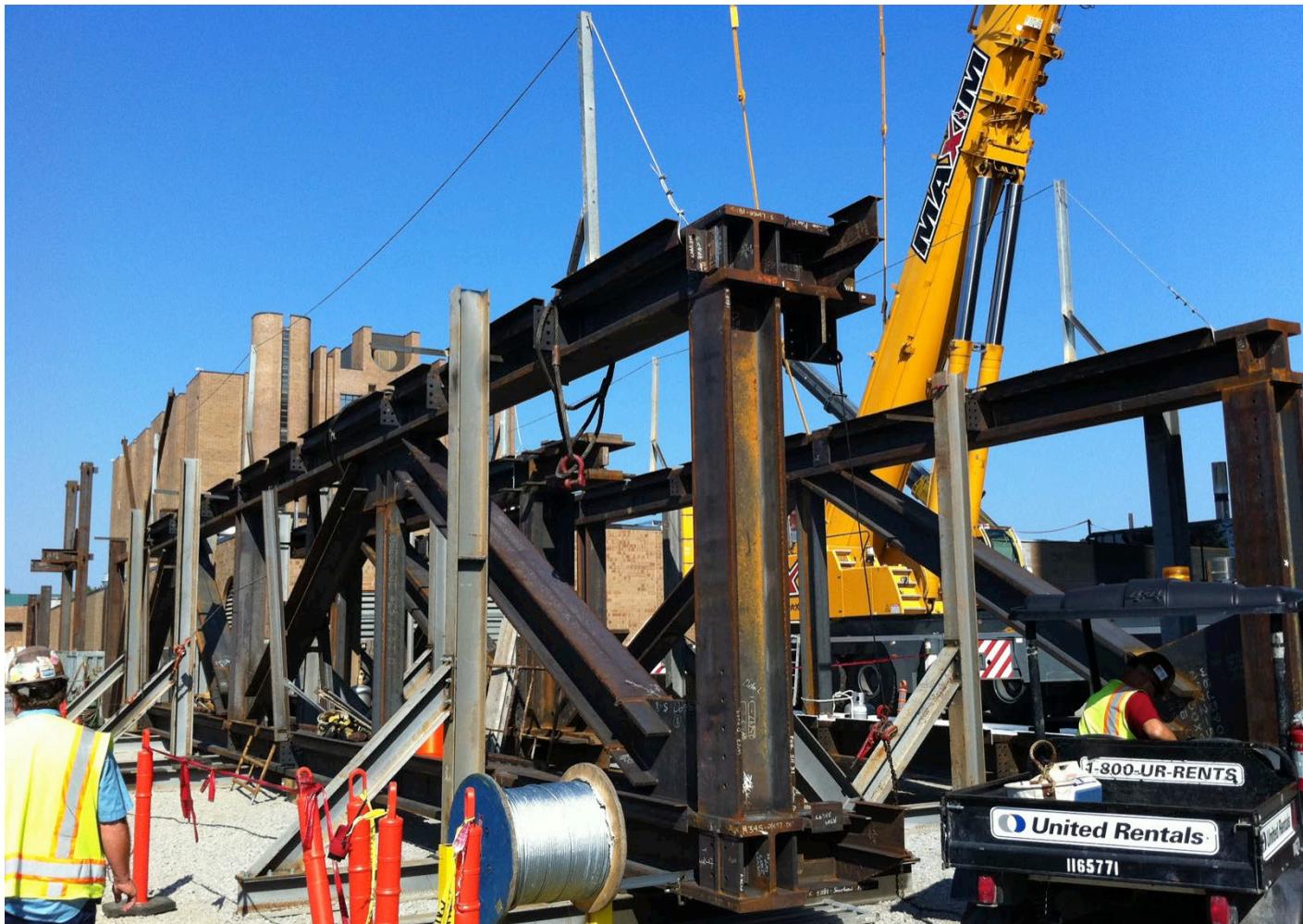


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Steel Erection with Heavy Lift Crane





Truss Erection





Truss Connection Pre-Heating





Truss Bridge Erection with Mammoet Transporter





Stainless Vessel Welding



Welding Hazards

Hazard Photographs



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Welding Galvanized CMU Clips with Stick Welding with No Respirator

1



Plugging Extension Cords into Welder Generator

2



3



Welding Leads

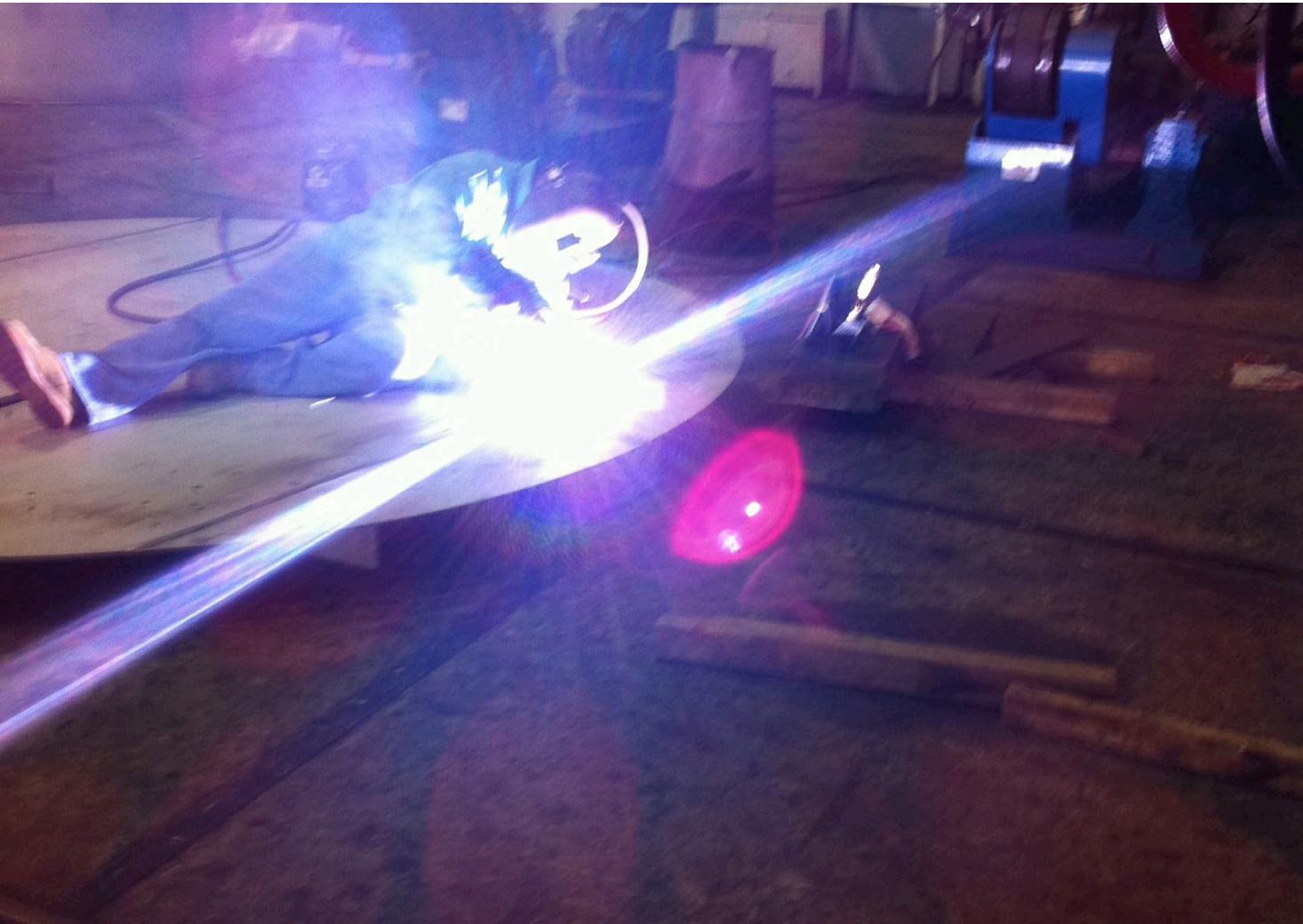
4





Welder Wearing Respirator During Welding of
Stainless Steel – Exposure is 56 ug/m³ of Hex

5



Welding Stainless Steel – Welding Flat

6





Oxygen / Acetylene Cylinders Stored on Cart



8



Welding Lead Repaired within 10 ft. of the Stinger



Flash Arrestors in Torch Head – None at Gauges

10



11



Welding Truss Connection

12

Welding Hazards

End of Inspection



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