

# AUDIT OF HSE MANAGEMENT SYSTEMS, PHYSICAL FACILITIES, STAFF BEHAVIOURS AND CREATION OF A RISK BASED HSE LEGAL COMPLIANCE REPORT

<b>Sector</b>	<b>Manufacturing</b>
<b>Client</b>	<b>A globally recognized equipment manufacturer</b>
<b>Service</b>	<b>HSE Legal Compliance Review of management systems, physical facilities and staff behaviours</b>  <b>Creation of a risk based matrix</b>  <b>Writing of a HSE Legal Compliance report</b>
<b>Project Days</b>	<b>6</b>

## CLIENT PROBLEM ?

The client were a globally recognized electrical equipment manufacturer and repair facility.

Due to a corporate buyout, the potential new owner wished to understand the current levels of HSE legal compliance within the facility, and whether or not their current HSE management systems, physical facilities and staff behaviours did/or did not comply with JAFZA, Federal and Emirate specific HSE laws and legislations.

Organisations need to be aware of the current health and safety legislation in order to ensure they remain compliant. Not understanding health and safety laws may leave a company exposed and liable to civil and/or criminal prosecutions.

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# Our Solution

The below risk areas were investigated including:

- Electrocution; Any potential from damaged infrastructure
- Airborne Contaminants; Dust inhalation and dispersion from internal works
- Entanglement; Potential from rotating machine parts
- Forklift truck operations: Inside the workshop and open yard
- Gantry crane operations: Overhead and suspended loads
- Fire or Explosion: Potential from combustible rags, gas cylinders
- Light duty racks: Potential for collapse
- Dust inhalation: Potential from silt size particulates and machinery
- Fatigue: From working in an environment with high humidity, poor general and localized lighting
- Management stewardship: And engagement with workers
- Exposure of Operators to Chronic Lung related diseases
- Impact body injury from collapse of buckling light duty racking system

## Summary of Outputs

The Consultant produced a high level executive summary HSE risk based report. The report identified numerous violations against Jafza, Federal and Emirate specific health and safety laws.

The report was based on risk based inspections from a statutory compliance perspective, of all operations and activities in and surrounding the industrial complex.

The Consultant reviewed all provided existing HSE management systems, processes, incident logs, and KPI data. They then prepared a risk matrix based on all significant risks arising from the company's activities, highlighting existing controls, compliance/non compliance status and additional control options.

The report also had a focus on the major key infrastructure concerns and provided recommendations for reduction of risks to legally acceptable levels - As Low As Reasonably Practical Levels (ALARP).