

## 安全衛生具體規範

### Specific norms of Safety and Hygiene

採 購 類 別	說 明
1. 施 工 工 程 / 修 繕 類 Construction and Repair	<p>1.1 服務內容及其安全衛生之危害與控制。 Services and its disservice and control of Labor Safety and Hygiene.</p> <p>1.2 作業人員之安全衛生資格、技術。 Labor Safety and Hygiene qualifications and skills of workers.</p> <p>1.3 使用器具與實施方法之安全。Implements and safely implement</p> <p>1.4 作業現場之安全衛生管理與作業管制。 Safety and Hygiene management and operational control of operation area.</p> <p>1.5 作業現場之安全衛生監督人力。 Supervising of Health and Hygiene in operation area.</p> <p>1.6 工程內容包含化學品時，請參照3.1 及3.2 的相關要求。 When the project includes chemicals, should refer to the requirements of 3.1 and 3.2</p> <p>1.7 需要時應提供保固及售後服務證明書，供請購單位存查。 (保固項目依合約書或訂單內容訂定)。 Should provide warranty and after-sales service certificate to purchasers for file.(Warranty items are set based on contracts or order contents)</p>
2. 機 台 設 備 類 Equipments	<p>2.1 機械設備應裝設或具備安全防護需求、組裝圖及配線圖等，並提供操作及維護作業標準或說明書、教育訓練等。 Machinery equipment should be installed or possessed security system, assembly drawings and wiring diagrams, also provided operation and maintenance of standards, instructions, and training plan.</p> <p>2.2 機械設備於現場組裝之人員資格、施工工法或標準、施作工具之安全等級、安全衛生管制、測試方法及基準等。 Assembly personnel qualifications, construction methods or standards, the security level of facilities for tools, safety and hygiene control, testing methods and benchmarks.</p> <p>2.3 機械設備零件材質之安全。 Safety of machinery equipment components.</p> <p>2.4 機械設備安全性能驗證文件或測試報告。 The verification file or testing report of safety performance of machinery equipment.</p> <p>2.4.1 對於使用動力運轉之機械，應於適當位置設置有明顯標誌之緊急制動裝置(EMO/EMS)，當啟動緊急停止開關時，將立即停止動力並與系統連動，而且可以時停止快速機械的運轉。 The equipment should have an “emergency off” (EMO/EMS) circuit, when the emergency stop switch is activated, the power is immediately stopped</p>

	<p>and interlocked with the system, and the rapid mechanical operation can be stopped.</p> <p>2.4.2對於作業有危害操作者之虞者，應設置護罩、護圍或具有連鎖性能之安全門等設備；門或護蓋應有安全連鎖，當它們被打開時，可立即停止機械移動。(安全連鎖裝置)</p> <p>In case of danger to the operator, should set the a guard or door sensor ; the doors or covers should have interlocks, which can stop any movement immediately when they are open.</p> <p>2.4.3機台設備有使用有機溶劑化學品作業，應設置排氣裝置。 Machine equipment with solvent chemicals, should set the exhaust device.</p> <p>2.4.4有使用槽體、容器..等盛裝化學品時，應設置防液堤或洩漏偵測裝置。 When using chemicals such as tanks, containers, etc., secondary containment or leak detection shall be provided.</p> <p>2.5 機台設備之附屬化學品，請參照 3.1 及 3.2 的相關要求。 Subsidiary chemicals of machine equipment, please refer to the relevant requirements of 3.1 and 3.2</p> <p>2.6 需要時應提供保固及售後服務證明書，供請購單位存查。 (保固項目依合約書或訂單內容訂定)。 Should provide warranty and after-sales service certificate to purchasers for file. (Warranty items are set based on contracts or order contents)</p> <p>2.7 其他應符合之法規或國際規範等。 Others should be consistent the regulations or international norms.</p>
<p>3.化學品/化料/ 氣體鋼瓶類 Chemicals/ Chemical Materials/ Gas Cylinders</p>	<p>3.1 化學物質之容器材質及規格、危害標示及三年內的安全資料表等。 Material, specification, and hazard labeling of the chemical substance containers , and Safety Data Sheet within three years.</p> <p>3.2 化學物質/化料在運輸中之安全包裝，以及在廠(場)內卸貨及搬運上之安全。 The packaging of chemicals / chemical materials during transport and the security considerations in discharging and hauling within the plant (area).</p> <p>3.3 運送人員操作時應配戴適當之個人防護具且應經專業訓練，並隨車攜帶有效之訓練證明。 The transporters should wear protectors, and professionally trained with an effective training certificate.</p> <p>3.4 高壓氣體容器(槽車填充) 安全衛生事項要求， Requirements of Safety and Hygiene of the high-pressure gas containers (tankers fill).</p> <p>3.4.1卸貨時須使用輪檔及三角錐，並開啟故障燈。 Should use chocks and cones when discharging, and turn on the indicator light.</p> <p>3.5 液態氣體容器(Dewar 罐) 安全衛生事項要求， Requirements of Safety and Hygiene of the Liquid gas containers (Dewar tanks).</p> <p>3.5.1廠內灌氣容器與殘氣容器應分開存放。 Filling gas containers and residual gas containers should be stored separately</p>

	<p>3.5.2液態氣體容器(Dewar 罐)運送時，應使用固定架。</p> <p>Should use holders when transporting Liquid gas containers (Dewar tank).</p> <p>3.6 氣體鋼瓶安全衛生事項要求，</p> <p>Requirements of Safety and Hygiene of Gas cylinders.</p> <p>3.6.1廠內灌氣容器與殘氣容器應分開存放。</p> <p>Filling gas containers and residual gas containers should be stored separately.</p> <p>3.6.2缺少 識別環 / 固定架 / 鋼瓶帽 之鋼瓶不得入廠。</p> <p>Lack of recognition rings / holders / cylinder caps of the cylinders are not allowed in the plant.</p> <p>3.6.3氣體鋼瓶運送時，應使用固定架並鎖緊固定鋼瓶帽 。</p> <p>Holders and fasten cylinder caps should be used when transporting gas cylinders.</p> <p>3.6.4氣體鋼瓶識別環上的有效期需於2 年內 (需於1 年內填充)。</p> <p>Recognition rings of Gas cylinders should be valid for 2 years (To be filled within one year.)</p>
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