

CLP Internship Programme 2022

Project Focus – Health, Safety, Environment & Quality (12-month)

<b>Project Code</b>	SA_SAND_01	
<b>Project Detail</b>	<b>Internship Category</b>	Sandwich
	<b>Internship Period</b>	Jun 2022 to May 2023
	<b>Preferred Discipline</b>	<b>First Preference:</b> Mechanical Engineering, Chemical Engineering <b>Other Preference:</b> Environmental Science or Engineering
	<b>Project Name</b>	Review the opportunity to reduce the fugitive GHG emissions in CLP's power stations in HK
	<b>Business Objective(s)</b>	<ul style="list-style-type: none"> <li>Reduce the fugitive GHG emissions in CLP's power stations in HK to reduce the carbon emission and support the CLP's climate vision</li> </ul>
	<b>Project Description</b>	<ul style="list-style-type: none"> <li>There are fugitive GHG emissions from CLP's power stations which accounts to Scope 1 carbon emission for ISO14064 Greenhouse gas accounting.</li> <li>To support CLP's climate vision to achieve net-zero greenhouse gas emissions by 2050, we are obliged to minimize the carbon emission from CLP's power stations.</li> <li>This project focuses on identifying the fugitive GHG emissions and review of the processes and equipment concerned to explore the opportunity to reduce the fugitive emission in the CLP's power stations in HK.</li> <li>Project Scope: To identify the source of fugitive GHG emissions in the CLP's power stations in HK and explore opportunity for emission reduction.</li> </ul>
<b>Required Skills</b>	<ul style="list-style-type: none"> <li>Microsoft Excel</li> <li>Microsoft Power BI</li> </ul>	

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<b>Project Code</b>	SA_SAND_02	
<b>Project Detail</b>	<b>Internship Category</b>	Sandwich
	<b>Internship Period</b>	Jun 2022 to Jun 2023
	<b>Preferred Discipline</b>	<b>First Preference:</b> Environment & Sustainability <b>Other Preference:</b> Nil
	<b>Project Name</b>	Review the sustainability strategy in CLP Power
	<b>Business Objective(s)</b>	<ul style="list-style-type: none"> <li>• Support to develop a sustainability framework to align with the sustainability development of the company and expectation of the stakeholder.</li> <li>• Formulate initiatives in promotion of circular economy and sustainable consumption in CLP Power.</li> </ul>
	<b>Project Description</b>	<ul style="list-style-type: none"> <li>• Sustainability is one of the core development strategies towards decarbonization target.</li> <li>• To drive continued improvement, implement CLP Power's Environmental Policy systematically and align with CLP Group's Sustainability vision, this project will be needed to review the existing strategy, procedures and targets for achieving sustainability in CLP Power business and support to develop a sustainability framework for CLP Power.</li> <li>• In addition, we would also like to review how the concept of circular economy and sustainable consumption can be incorporated to our day-to-day operation.</li> </ul>
<b>Required Skills</b>	<ul style="list-style-type: none"> <li>• Knowledge of MS tools (e.g. Share Point, Power BI, Power Automate)</li> <li>• Experience on web page management, VBA programming would be an advantage</li> </ul>	

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<b>Project Code</b>	SA_SAND_03	
<b>Project Detail</b>	<b>Internship Category</b>	Sandwich
	<b>Internship Period</b>	Jun 2022 to May 2023
	<b>Preferred Discipline</b>	<b>First Preference:</b> Engineering <b>Other Preference:</b> Safety, Health and Environmental (HSE) related
	<b>Project Name</b>	Technical support on Safety & Health improvements activities/projects
	<b>Business Objective(s)</b>	<ul style="list-style-type: none"> <li>• Provide support to the HSSE Team of China Business on Safety Health &amp; Environment improvement projects/activities</li> <li>• Provide support to the promotion and implementation of innovations in our assets in China, including desktop research on new technologies and analyse potential applications in our business.</li> </ul>
	<b>Project Description</b>	<p>The candidates are expected to provide support to the technical team in managing the HSSE improvement projects/initiatives and the innovation projects of our power assets in China. The work includes:</p> <ul style="list-style-type: none"> <li>• desktop research on new technology application</li> <li>• coordination/consolidation of project plan</li> <li>• monitor the progress</li> <li>• drafting of report/presentations</li> <li>• provide general support to the activities of HSSE Team of China BU</li> </ul>
<b>Required Skills</b>	<ul style="list-style-type: none"> <li>• Fluent in Putonghua</li> <li>• Mastery of written Chinese</li> <li>• Analytical mind</li> <li>• Good skill in using PC softwares for data organisation and analysis</li> </ul>	

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Project Focus – Health, Safety, Environment & Quality (12-month)

<b>Project Code</b>	SA_SAND_04	
<b>Project Detail</b>	<b>Internship Category</b>	Sandwich
	<b>Internship Period</b>	Jun 2022 to May 2023
	<b>Preferred Discipline</b>	<b>First Preference:</b> Health, Safety, Environment & Quality <b>Other Preference:</b> Information Technology
	<b>Project Name</b>	Application of Digital Technology in HSEQ Training
	<b>Business Objective(s)</b>	<ul style="list-style-type: none"> <li>Apply the latest digital technology in training services provided by CLP Power Learning Institute for improving the training effectiveness as well as the learning experience of the training participants .</li> </ul>
	<b>Project Description</b>	<ul style="list-style-type: none"> <li>Digital transformation is imperative for all business areas, it is noticed that such changes in learning and development industry have been expedited across the globe to manage the recent pandemic.</li> <li>The intern is required to conduct research on digital technology available in the market for training, explore the feasibility of applying in HSEQ training, formulate a sound proposal, plan, manage and execute related projects, which enable the training participants to learn anytime and anywhere.</li> <li>The intern will also have experience to develop the evaluation model and analyze the result for the training package designed. Some examples of digital solution applied in training are e-Learning, mobile device-based learning, gamified learning, AR/VR/MR, mobile safety training vehicle, Virtual classrooms webinars, etc.</li> </ul>
<b>Required Skills</b>	<ul style="list-style-type: none"> <li>Proficient in basic Microsoft Office Application and data analytic methodology;</li> <li>Experience in development digital solutions for application would be an advantage</li> <li>Conversant with local statutory HSE requirement, Legislations, code of practice and standards would be an advantage</li> </ul>	