



AEP Global





Introduction

AEP Global was created for the sole purpose of providing highly skilled, experienced, and dedicated personnel to all sectors of engineering and construction worldwide. We have identified from our own on-site experiences that Data centre new build projects are the perfect fit for many of our registered operatives. A large amount of Data Centre new builds have been completed across the globe prior to and during 2020, some of which will continue for the next 5-10 years and beyond. All of these require highly skilled labour due to the demand for a snag free handover to client. AEP can offer the following services to assist in achieving this.

- **PTW Office with a proven SSOW**
- **SAP/APs to control Switching, Isolations, LOTO procedures**
- **Electrically competent personnel QAQC, Testing, Commissioning Technicians**
- **Assistance with project planning to achieve milestone targets on time and within budget**
- **Data bases for all electrical requirements**

Safety records show that in previous years Data Centres have been no stranger to accidents and incidents. At AEP we intend to change the thought process on safety, from management level right through to the workforce. Our SSOW will help promote your business and enhance your reputation. An inadequate SSOW is found to be the route cause for most accidents on Construction sites. In 2019 the construction industry was defined as the second biggest industry for work related injuries. Does your company want to end up a statistic? You have the opportunity to make a difference and help us help you set the standards and provide a SSOW which works along side your own HSE Regulations. Contact us today to discuss how we can assist with your business needs.

We can provide:

- **Project Managers**
- **Commissioning Managers**
- **Commissioning Leads**
- **Construction Managers**
- **Electrical Testers**
- **SAP's / AP's**
- **PTW Co-ordinators / Issuers**
- **Commissioning from Level 3 - 5**
- **Integrated system testing (IST)**
- **Handover**
- **Maintenance**
- **HV / LV Switching Procedures**
- **Commissioning Procedures**
- **LOTO Isolation Register**



Services we provide



Technical Resourcing

Database consisting of some of the industries finest personnel.



Commissioning

Proven accomplished commissioning personnel. To test and commission systems to project requirements.



Project Management

From design through to commissioning we are here to assist project requirements to meet client objectives.



SSOW Permit Office

Created initially for the data industry, we can supply a fully functioning permit office team which includes Permit Co-ordinators/SAP's/AP's & ECO's.



Electrical Testers

Electrical testers with a great working attitude, proven fault finding and rectification skills.

SSOW Permit Office

This is something we can provide to our clients as a package. A proven team of individuals comprising of SAP's/AP's/PTW Co-ordinators and Electrical Compliance Officers.

With some incredible references on the competence of the team, we are not just complying with safety, we are setting the standard. Many of our personnel are from an Oil & Gas background bringing with them an excellent safety culture.

The question is do you want an efficient, leaner, professional, safer system of work to compliment your data centre build?

Our System:

We can also implement our own permit system with LOTO procedures or alternatively our team can supplement an existing permit and isolation system.

All associated LOTO equipment can be provided along with permit writing facility. With an electronic permit system in the design phase we intend to set the standard on SSOW on data centres.

Commissioning Management

A core division of the AEP Global business is Commissioning and Completions.

We provide the role of Commissioning Technicians and Commissioning Managers for mission critical facilities. We have a highly proficient and motivated team with experience in Data Centre projects from 1MW upwards concurrent and fault tolerant facilities, new green field sites to working in live and operational facilities.

Our team can provide pre-commissioning from construction completion through to commissioning services from Level 3 to Level 5, i.e. initial commissioning to integrated systems testing (IST) and client handover.

With the increasing demand for the Commissioning Team to also integrate QAQC & Cx into a combined service; AEP can also supply a competent QAQC team.

In addition to Data Centre projects, our team have worked on major oil and gas projects globally, which has only increased their safety and environmental awareness.

AEP Global data centre division was launched by datacentre professionals to meet the challenge of finding the best talent in a market where skilled personnel are in short supply. We identify and engage hard-to-find talent, covering the whole spectrum of the industry.

AEP Global leverages a comprehensive database that encompasses the worldwide industries best and most competitive talent. AEP Global's placements cover a wide range of positions from initial design to handover, including engineering, project management, construction management, QA/QC and commissioning.



How we differ from our competitors?




We are not just an agency or supply of services company. We have years of experience from the ground level up in engineering services. This ranges from design stages of a project through to commissioning and maintenance.

From this experience, we know the issues of mobilising/positioning the right personnel to a project. It is not just a case of the first available person from a database! AEP was formed with this solution in mind. As a board of directors having a wealth of experience in numerous industries, we know the most competent personnel to align with your project requirements. Also with our vigorous vetting procedures and trade tests we can ensure competence and experience on any given project.

With experience in the following data centre tasks we feel we could bring not just excellent knowledge with lessons learnt and experience but a driven attitude to meet milestones whilst maintaining safety as paramount.

- **SSOW Permit Office (SAP's/AP's/ECO/Permit Coordinators)**
- **Electrical Testers/commissioning**
- **Generators, UPS systems, BMS, Distribution, HV Circuits, LV switchgear, EPMS/ICSS testing, Electrical isolations.**



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