

AHMED ELDESSOUKI, (PMP)®

DCS|ESD|FGS | ICSS | I&C Commissioning manager



Objective

With over 20+ years of experience in automation, commissioning, and startup projects, I have a proven track record of collaborating with multidisciplinary engineering teams, organizations, and management to deliver complex projects successfully. I am seeking new challenges in the power generation and oil & gas industries, where I can leverage my expertise to drive operational excellence, ensure seamless project execution, and contribute to organizational growth.

Education

May-2005 Zagazig University,
Bachelor Degree in Electrical Engineering, Faculty of Engineering.

Key achievements

Experienced in Fuel gas treatment stations, Flare

2020-2026

- Proficient in pre-commissioning, commissioning, start up and troubleshooting **ESD, FGS & DCS** systems, well process experience in gas processing plants and power generation stations (Power plants, O&G)
- Perform all **pre-commissioning and commissioning phases (Loop check, logic check, function test, start up & tuning)**

Experienced in GE and Siemens Gas turbines process and commissioning

2013-2023

- Contributed to the successful pre-commissioning, commissioning, start up of Siemens gas turbines (GT) throughout a long and distinguished career, optimizing their performance and reliability for various industrial applications.
- Demonstrated exceptional expertise in diagnosing and resolving complex technical issues related to gas turbines(i.e **Siemens** or **GE**), performing all I&C activities like loop check, function test, logic verification and closing all categories of punch items.

DCS, FGS & ESD (Siemens, Honeywell, Metso, Yokogawa)

2005-2023

- Successfully implemented and fine-tuned Distributed Control Systems (**DCS**) across diverse industrial projects, streamlining process automation, enhancing control strategies, and ensuring seamless integration of critical plant operations.

Skills

Experienced power plant & Oil and Gas (O&G) commissioning engineer with process, Instrumentation, DCS, ESD & FGS expertise. Skilled in seamless operations, troubleshooting critical systems, and collaborating with cross-functional teams, experience FEED, Detail design and EPC projects

Since 2012

DCS

* Honeywell EPKS C300, CM300 control systems and all of its standards.

* SPPA - T3000 DCS control systems and all of its standards.

Since 2010	Burner Management System {SIL3}, Yokogawa /Honeywell Boiler Control System (BCS) and Burner Management system (BMS) training in Ministry of Electricity and water MEW in Kuwait.
2016	Siemens steam Gas machines Electrical Maintenance training for GT and steam turbine package. Basic operation training (BOT) for GT and steam turbine package.
2017	Fuel Gas treatment plants, Fuel Gas compressor Boosting stations. performing the commissioning and startup of Natural Gas (N.G) supply stations in compliance with approved project specs, ensuring adherence to stringent safety regulations and protocols, and guaranteeing the safe handling of hazardous materials.
2024	Fuel Gas process project As the ICSS (Integrated Control Safety Systems), I have successfully reviewed engineering documents and contributed significant added value. I have also successfully commissioned and function-tested units in the GPP (Gas Processing Plant), including SRU, flare, and plant utilities.

Work Experience & Projects

2024-Till now	Elsewedy Power / Dubai branch Commissioning manager /operation manager. Client: DEWA Project: Aweer H Station Phase 04, simple cycle power plant. Location: Dubai /UAE
2023-2024	ILF Group consulting engineers ICSS Lead Commissioning engineer (offshore) Client: Surhan Gas Chemical is a company. Project: gas processing plant and all the required infrastructure facilities. Control System: Experion® Process Knowledge System (PKS) Honeywell C300, SM300 Location: Baysun/ Mustakillikning 25 Yilligi field / Uzbekistan.
2018-2023	Elsewedy Electric & Siemens Consortium (ESC) I&C Commissioning manager /Bop manager Client: DEWA /Dubai /UAE Consultant: Électricité de France (EDF) Project: Aweer H Station Phase 04, simple cycle power plant. Location: Dubai /UAE.
2016-2018	Elsewedy Electric & Siemens Consortium. Lead. I&C commissioning & Startup Engineer Client: Egyptian Electric company Project: Beni Suef Combined cycle power plant 4800MW Location: Beni Suef, Egypt.
2016-2016	HII (Hyundai heavy industries) Sr. I&C commissioning & Startup Engineer /Boiler department Client: Saudi Electrical Company.

		Control System: Yokogawa centum VP Project: Jeddah south thermal power plant. Location: Jeddah, KSA.
2015-2016		Elsewedy Electric PSP /Siemens Lead I&C commissioning & Testing Engineer Client: Egyptian Electric company Project: Attaqa Simple power plant (165MWx4Units) Location: Suez, Egypt.
2015-2016		Elsewedy Electric PSP Lead I&C commissioning & Testing Engineer Client: Egyptian Electric company Project: Al-Mahmoudiya Simple power plant. Location: Egypt.
2013-2015		Kharafi National (Kuwait) I&C Engineer / HIPPS system engineer. Client: MEW Kuwait Project: Doha West Steam power plant (300MWx8Units) Location: Kuwait
2012-2013		Kharafi National (Egypt) DCS Metso Client: Egyptian Electric company Project: West Damietta (125MW x 4Units) simple cycle Gas Turbine Location: Damietta, Egypt
2011-2012		Kharafi National (Kuwait) DCS /BMS Engineer/Yokogawa system engineer Client: MEW Kuwait Project: Boiler MSF desalination upgrade Location: Shuwaikh, Kuwait
2005-2011		East Delta for Power production Co. I&C Engineer /Operation engineer /Honeywell system engineer

Documentation

Commissioning and start-up	<ul style="list-style-type: none"> - Follow OPERCOM™ methodology. - Able to work with total ICAPS. - Prepare Cold /Hot commissioning testing procedures and obtains all needed approval according to project specs and international standards. - Prepare daily / weekly commissioning plan for open front and planning activities based on scope base line. - Follow project specification and project procedures, also able to create for each project phase and also review. - Have the experience in review and attending the P&IDs, HAZOP, and SIL workshops.
Management	<ul style="list-style-type: none"> - Contribution with Project team in project planning and implement activities schedule for all project phases. - Review engineering documentation and hold meeting with design team to reduce risk from design phase during commissioning. - Resources management plan for manpower and tools - Create commissioning phase plan.
QC	<ul style="list-style-type: none"> - Approval and check review for commissioning team test reports and implement the commissioning test packs and obtain client approvals. - Following I&C project punch items, closing commissioning defects.

Professional affiliations	2005-Present	Engineering syndicate Description of role or responsibilities, if applicable.
	31/01/2021	IOSH “Institution of Occupational Safety & Health” Certificate No. 756845
	12/10/2025	PMI-PMP®
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Languages	English	Fluent.
	Arabic	Native.
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Computer skills	Programming	Web Development, React JS, Next JS, Tailwind CSS, NestJS
	Applications	<ul style="list-style-type: none">• Agile mind /agile concept understanding.• SOLID Principles of Object-Oriented Programming.
	Platforms	MS Windows, GNU Linux (Debian OpenSUSE)