



FARHAD ALI

PLANNING ENGINEER | 10 YRS EXPERIENCE | MSC ELECTRICAL ENGINEERING | SCE CERTIFIED | PRIMAVERA P6 EXPERT | EPC PROJECTS SPECIALIST

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SUMMARY

- I hold a Master's degree in Electrical Engineering and a Bachelor's degree in Electrical and Electronics Engineering. Also, Certified Professional Engineer with the Saudi Council of Engineers (SCE) and registered with the Pakistan Engineering Council (PEC).
- Planning Engineer with 10 years of experience in EPC projects. Proficient in Primavera P6, MS Project, Power BI, and advanced Excel reporting. Specialized in developing baseline schedules, 2-week look-ahead plans, resource loading, and progress monitoring. Skilled in preparing S-curves, histograms, performance reports (SPI, CPI), and conducting EOT, TIA, and critical path analysis. Experienced in coordinating with site teams, reviewing IFC drawings and BOQs, and ensuring project plans align with actual execution. Strong knowledge of construction workflows and comprehensive EPC project planning.
- Knowledgeable in planning standards used in Saudi Arabia, including Aramco's Project Controls Guidelines, SABIC and Royal Commission scheduling procedures, and SEC requirements. Also familiar with international standards such as PMI's PMBOK and AACEI Recommended Practices for scheduling and earned value management.

PROFESSIONAL EXPERIENCE

Jun 2016 – Present

DESIGNATION: PLANNING ENGINEER

Mar 2024 – Present

COMPANY: SOLITAIRE CONSTRUCTION CO-AL KHOBAR 34217

PROJECT: SEAH GULF SPECIAL STEEL INDUSTRIES PROJECT (SGSSP) – SPARK

Key Responsibilities / Achievements:

- Developed, maintained, and updated project schedules using Primavera P6 and MS Project, including WBS creation, activity sequencing, and milestone planning.
- Prepared baseline, updated, and look-ahead schedules to ensure timely project execution and track critical path activities.
- Monitored project progress against baseline; performed schedule variance analysis and implemented corrective actions to meet deadlines.
- Created S-curves, histograms, and earned value analysis (EVA) for management and client reporting.
- Assisted in cost-loaded scheduling, cost tracking, and budget control, identifying opportunities for savings and efficiency improvements.
- Coordinated resources (manpower, materials, equipment) for optimal utilization and smooth project execution.
- Supported contract administration, including preparation of claims, variations, and Extension of Time (EOT) requests.
- Coordinated with subcontractors, vendors, and project teams to ensure alignment with project timelines and quality standards.
- Conducted risk assessment and mitigation planning for schedule delays and cost overruns.
- Developed project documentation and reports in compliance with safety, quality, and regulatory standards.

PROFESSIONAL EXPERIENCE

Jun 2016 – Present

DESIGNATION: PLANNING ENGINEER

Sep 2022 - Mar 2024

COMPANY: WESTCON – AL KHOBAR 34217

PROJECT: AMCO NEW FACILITY – KING SALMAN ENERGY PARK

KEY RESPONSIBILITIES / ACHIEVEMENTS:

- Developed and maintained the baseline program using Primavera P6.
- Prepared detailed target programs for project activities to align with overall execution plans.
- Monitored site progress against planned targets through regular schedule updates, identifying areas of concern and potential delays.
- Attended and prepared weekly progress meetings to discuss actual progress, delays, and recovery plans.
- Prepared cash flow forecasts and labor histograms to specify expected trends of project cash and manpower requirements during execution.
- Prepared and updated organization charts, cash flow charts, and S-curves for management and client reporting.
- Coordinated and provided daily, weekly, and monthly progress reports to main contractors to reflect the current project status.
- Provided guidance to project staff on planning methods and ensured optimum utilization of resources.
- Prepared and maintained material schedules to support timely procurement and delivery of materials.
- Planned and managed mobilization activities and infrastructure setup to support project commencement.
- Regularly updated and forecasted delay and over-budgeting reports for review by the project management team.

DESIGNATION: PLANNING ENGINEER

Jan 2019 - Aug 2022

COMPANY: WESTCON- AL KHOBAR

PROJECT: AJDAN WALK – AL KHOBAR 34446

KEY RESPONSIBILITIES / ACHIEVEMENTS:

- Executed project controls and schedule management for MEP and civil works in EPC building projects, ensuring full compliance with design specifications, quality standards, and contractual milestones.
- Developed, updated, and maintained detailed Primavera P6 schedules, including baseline and look-ahead programs, supporting effective forecasting and progress tracking.
- Performed baseline and progress monitoring to measure schedule adherence, conducted delay analysis, and recommended mitigation strategies to maintain critical project timelines.
- Supported budget management and cost control activities by tracking expenditures, analyzing variances, and assisting in resource allocation for manpower, materials, and equipment.
- Applied Earned Value Management (EVM) techniques and project performance reporting through S-curves, cash-flow charts, and dashboards to provide accurate insights to management and clients.

DESIGNATION: PLANNING AND SCHEDULING ENGINEER

Jun 2016 - Dec 2018

COMPANY: ASTRAL CONSTRUCTORS-PAK

PROJECT: 20-STORY RESIDENTIAL & COMMERCIAL BUILDING PROJECT – ISLAMABAD

KEY RESPONSIBILITIES / ACHIEVEMENTS:

- Prepared and updated organization charts, cash flow charts, and S-curves to support project performance reporting and management review.
- Conducted forecasting and provided timely updates on delays and budget variances to the project team, enabling proactive corrective actions.
- Coordinated with main contractors and stakeholders, delivering daily, weekly, and monthly reports to ensure alignment with project milestones, resource allocation, and schedule requirements.

EDUCATION

Degree: Master of Science (MSc)

Aug 2018 - Oct 2021

Field of Study: Electrical Engineering

University: Abasyn University, Peshawar, Pakistan

- **Summary:** Focused on project planning, optimization, and management of electrical and infrastructure systems, including power and energy management, renewable energy, and system optimization.

Degree: Bachelor of Science (BSc)

Sep 2012 - May 2016

Field of Study: Electrical & Electronic Engineering

University: University of Engineering & Technology (UET), Peshawar, Pakistan

- **Summary:** Specialized in power systems, electrical circuits, and communication systems. Final year project on power system protection and automation for building construction projects.

TECHNICAL SKILLS

- Project Scheduling & Management (Primavera P6, MS Project)
- Critical Path Method (CPM)
- Baseline & Look-ahead Schedule Development
- Cost-loaded Schedule & Resource Management
- Progress Monitoring & Reporting (S-curves, Histograms, EVA)
- Risk Identification & Mitigation
- Subcontractor Coordination
- Material & Procurement Planning
- Change Management & Schedule Updates
- Project Documentation & Compliance (Safety, Quality, Regulatory)
- Activity Sequencing & Dependency Management
- Earned Value Management (EVM)
- KPI Tracking & Performance Reporting
- Contractor & Vendor Coordination
- Site Progress Verification & Field Reporting
- Work Breakdown Structure (WBS) Development
- Schedule Recovery & Delay Analysis
- Electrical / MEP Coordination
- Reporting Automation (Excel, Power BI, Primavera)
- Industrial & Substation Project Planning

SOFTWARE SKILLS

- Primavera P6 (Advanced)
- Microsoft Project (Advanced)
- Microsoft Excel (Advanced)
- Power BI (Advanced)
- Microsoft Word (Advanced)
- Microsoft PowerPoint (Advanced)
- AutoCAD Electrical (Intermediate)
- Primavera Risk Analysis (Intermediate)

CERTIFICATION

- IEEE Member – Institute of Electrical and Electronics Engineers (IEEE)
- Saudi Council of Engineers (SCE) Certified Engineer
- Pakistan Engineering Council (PEC) Certified Engineer

KEY RESPONSIBILITIES

- Developed and maintained **project baseline schedules** using Primavera P6; prepared detailed target schedules for all project activities.
- Monitored project progress versus planned targets; updated schedules and identified potential delays for timely corrective actions.
- Attended **weekly progress meetings**; prepared and presented performance reports comparing actual versus planned milestones.
- Prepared **cash flow forecasts** and **labor histograms** to track financial, manpower, and resource requirements.
- Created and updated **organization charts, cash flow charts, and S-curves** for management and stakeholder reporting.
- Coordinated with **main contractors**; prepared daily, weekly, and monthly project progress reports.
- Guided project staff on **planning methods**; ensured optimum utilization of human and material resources.
- Prepared and maintained **material schedules**, aligning procurement activities with project timelines.
- Planned and executed **mobilization activities** and infrastructure setup for timely project commencement.
- Reported **project risks, delays, and budget overruns**; provided forecasts to support management decisions.
- Coordinated with **procurement teams and subcontractors** to ensure timely deliveries and schedule compliance.

ACHIVMENTS

- Worked as Senior Planning Engineer at Solitaire Construction Co., managing and scheduling four major scopes within the SeAH Gulf Special Steel Industries Project (SGSSP) – SPARK: Administrative Building, 66kV Grid Substation, Landscape Works, and Factory MEP Systems.
- Developed and controlled baseline and target schedules using Primavera P6, ensuring alignment with project milestones and EPC requirements.
- Coordinated with multidisciplinary teams to monitor progress, resolve scheduling conflicts, and maintain timely project execution.
- Prepared detailed S-curves, cash flow charts, and resource histograms to support project performance reporting and efficient resource utilization.
- Ensured schedule adherence, forecasting, and delay mitigation, contributing to on-time and cost-effective project delivery.

CAREER OBJECTIVE

Looking for a challenging role in Planning Engineer position in a well reputed organization where commitment to profitability, cost impact, quality & within scope, timely completion of projects and client's/management's expectations are needed