

MUHAMMAD KASHIF ILYAS

DESIGNER / DRAFTSMAN



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DOB: July 25, 1987

CAREER STATEMENT:

Looking for a challenging position, which could fully exploit my inherent strengths of knowledge, wide spectra of experience and outmost derive of excellence at work in a professional and dynamic organization which would promise through, independent responsibilities and consequent career growth prospects.

PROFILE:

I am a professional Draftsman / CAD Operator / Designer and having more than 12 years of professional experience in designing, drafting and details estimation calculations assuring quality works for: High Voltage Over Head Transmission Lines, Roads, Bridges and Infrastructure Projects in PAKISTAN & Kingdom of Saudi Arabia with following Clients and Contractors: Saudi Electric Company, National Power Construction Corporation, National Logistic Corporation, National Highway Authority, Republic Engineering Corporation, Chishty Brothers Architects and Engineers etc.

I have a vast experience in the preparation of Detailed and shop drawings such as Over head transmission lines, Roads and multistory buildings etc., coordination with Client or Consultant for a smooth flow of works. Also, I got a good exposure in Quantity Surveying such as quantity take offs, evaluation of payment certificates, evaluation and preparation of engineering estimates etc. My experience also includes coordinating with architects, consultants, contractors and sub-contractors.

I am working with Dar Engineering Since Jan. 2016 as Designer, Transmission Line and handling Planning and Design Drafting of 380kV, 132kV and 115kV Transmission Line projects

PERSONAL INFORMATION

Name	Muhammad Kashif Ilyas
Father's Name	Muhammad Ilyas
NIC No.	32203-6452590-5
Mob #	0092-301-7851742, 0092-334-4112718
Religion	Islam
Nationality	Pakistani

PROFESSIONAL EXPERIENCE:

1. Employer: Dar Engineering (Alfanar Group)
Position: Designer, Transmission Lines
Year: January 2016 – Present



Projects Undertaken/Completed:

- Construction of two D/C 380kV OHTL b/w Wasit - RIC#3 & RIC#2 - RIC#3 and one D/C 380kVOHTL between RIC#1-RIC#3. **(Saudi Electricity Company), Length: 48.20 km**
- Construction of new 132kV Double Circuit OHTL from proposed Substation East Qurayyat upto Qurayyat BSP Substation in Qurayyat area. **(Saudi Electricity Company), Length: 34.50 km**
- Construction of 110kV Double Circuit OHTL & Power Cables for 110/13.8kV National Guard Compound Substation Taif. **(Saudi Electricity Company), Length: 15.80 km**
- Construction of 115kV Double Circuit OHTL & Power Cables for Distribution platform at Safaniyah. **(Saudi Aramco), Length: 5.50 km**
- Construction of 380 kV D/C OHTL between QASSIM-2- QASSIM-5 (Ckt-1 & Ckt-2) and QASSIM-4 & 5 (Ckt-1 & Ckt-2). **(Saudi Electricity Company).**
- Construction of 132kV DC OHTL from New Al-Hayar SS#8281 upto BSP SS#9048 in Riyadh Area. **(Saudi Electricity Company).**
- Construction of 110kV DC OHTL for Interconnection of 380/110kV Yanbu-3 SWCC BSP with 110kv Yanbu & Badar Network. **(Saudi Electricity Company).**

Description of Duties:

- Detailed design and drafting of complete Transmission Line Plan and Profile using Auto CAD and Micro Station.
- Drafting of Sag and tension calculations and Mid Span clearance calculations for Transmission Line projects.
- Drafting of Stringing charts for Transmission Line projects.
- Preparation of Transmission Line Route Plan as per client requirement.
- Preparation & Drafting of different line crossing schemes and maintaining the clearance as per SEC/NG standards.
- Preparation of Structure List, wind & weight span report.
- Drafting of technical pre-bid and post-bid clarifications.
- Preparation of sag template curves.
- Preparation of complete package of AS-BUILT Drawings.
- Knowledge of Saudi Electricity Company Standards and Saudi Aramco Standards (Transmission Material Standard Specification TMSS, Transmission Engineering Standards TES and Transmission Construction Standards TCS).

2. **Employer:** National Power Construction Corporation (NPCC)
Position: Designer, Transmission Lines
Year: September 2014 –December 2015



Projects Completed:

- Construction of 380kV D/C OHTL from Jazan Refinery Power Plant to Madhaya BSP and Kudmi BSP **(Saudi Electricity Company).**
- **Length:**212.48km, **Project Value:** SR. 373.83 Million.
- Construction of 380kV D/C OHTL from Jeddah South P/P to Al-Masha’ar BSP **(Saudi Electricity Company), Length:** 101.59 km, **Project Value:** SR. 188.95 Million.
- Construction of 380kV D/C OHTL from Jeddah South P/P to Al-Adel BSP **(Saudi Electricity Company), Length:** 42km **Project Value:** SR. 102.39 Million.
- Replacement of 110kV Cables with Associated Accessories B/W Petro Rabigh GIS and SEC Rabigh GIS **(Rabigh Arabian Water & Electricity Company -RAWEC),**
- **Length:**12.00km **Project Value:** SR. 49.450 Million

Description of Duties:

- Detailed design and drafting of complete Transmission Line Plan and Profile using Auto CAD and Micro Station.
- Drafting of Sag and tension calculations and Mid Span clearance calculations for Transmission Line projects.
- Preparation of Transmission Line Route Plan as per client requirement.
- Preparation & Drafting of different line crossing schemes and maintaining the clearance as per SEC/NG standards.
- Drafting of technical pre-bid and post-bid clarifications.
- Preparation of sag template curves.
- Preparation of complete package of AS-BUILT Drawings.
- Knowledge of Saudi Electricity Company Standards and Saudi Aramco Standards (Transmission Material Standard Specification TMSS, Transmission Engineering Standards TES and Transmission Construction Standards TCS).

3. **Employer:** Republic Engineering Corporation. **REC** Republic Engineering Corporation (Pvt) Ltd.
 Clint NHA
Position: CAD Designer cum Assistant Quantity Surveyor
Year: November 2009 – August 2014



Projects Completed:

- New Construction of Moosa Pak Shaheed Bridge over River Sutlej with approaches Roads at Aimen wala District Bhahwalpur.

Description of Duties:

- Completes necessary paper work to document engineering activities.
- Prepare Daily and/or Weekly Day work sheets for signature, and later price and total for inclusion in applications for payment.
- Calculate liabilities to Subcontracts showing realistic figures and a prudent allowance for reserves.
- Checks dimensional and mathematical calculations of own work before sending to checker.
- Produce monthly comparison with target values for Subcontract Orders let, and includes returns from Employers for individual projects.

4. **Employer:** National Logistic corporation (NLC)
Position: AutoCAD Operator Draftsman
Year: May 2007 – October 2009



Projects Completed:

- All Projects in **The District Layyah (ESR & HSR & PHPP)** extension and new Construction.

Description of Duties:

- Taking and recording measurements on-site and makes free-hand drawings such as field sketches, etc.
- Checking drawings for accuracy including dimensions.
- Preparing preliminary and detailed working drawings.
- Revising existing drawings according to the specific Requirement on site.
- Performs other related duties as assigned.
- Preparing monthly progress reports required by higher Head Quarter.
- Addresses specific problems and finds solutions / alternatives

5. **Employer:** Chishty Bros Architects and Engineers
Position: Architectural Draftsman & Surveyor
Year: October 2006 – April 2007



Description of Duties:

- Checking drawings for accuracy including dimensions.
- Prepares preliminary and detailed working drawings.
- Taking and recording measurements on-site and makes free-hand drawings such as field sketches, etc.
- Revising existing drawings to according to the specific Requirement of site.
- Plans and/or prepares sheet layouts.
- Performs other related duties as assigned.
- Produces engineering design drawings for works execution as per the requirement.
- Addresses specific problems and finds solutions / alternatives.
- Review Consultants / Contractors Project drawings.
- Perform site visit for data collection of existing plants and conducts discussions with site personnel for cost effective designs.

COMPUTER SKILLS:

- AutoCAD
- Google SketchUp
- Micro Station
- Ms Office
- Adobe Photoshop
- Printed Assignments of Different Departments.

EDUCATION:

Educational Attainment:		
Qualification	Division	%Age
B. A	1 st Division	62%
H.S.S.C	1 st Division	62%
S.S.C	1 st Division	63%

PROFESSIONAL COURSES:

Course Name	Institute / Organization
Diploma of Civil Draftsman	"Punjab Technical Institute Lahore" Punjab Board of Technical Education Lahore.
Diploma of Advance Auto CAD Draftsman "Civil"	"Govt. Collage of Technology Layyah" Punjab Board of Technical Education Lahore.
Diploma in Civil & Architecture Technology.	PIMS Islamabad
Diploma of Civil Surveying	"Punjab Technical Institute Lahore" Punjab Board of Technical Education Lahore.
Diploma of Quantity Surveyor: "Civil"	"Govt. Poly Technical Institute Layyah" Punjab Board of Technical Education Lahore.
Certificate of Google SketchUp for 3D Modelling	ALISON, 30 St George
Certificate of Basic Worker (AutoCAD "Civil")	"Govt. Collage of Technology Layyah" Govt. of the Punjab Trade Testing Board Lahore.
Diploma of Computer Operator B.C.S	"(JIMS) Jinnah Institute of Management Science Layyah" (Registered)
Diploma of Computer Application & Office Professional (CM Project)	V.T.I, Mianwali, Punjab Vocational Training Council, Govt. of the Punjab

REFERENCES:

Shall be furnished upon request.