

MUHAMMAD SHAHZAD ABBAS
AGRICULTURAL ENGINEER
(Agriculture/Irrigation/Landscape)



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PROFESSIONAL SUMMARY

13 years of professional experience as an agriculture/Hydroponic, Irrigation, Water management (Designing, site construction, site supervision, maintenance, management and operations) and Landscape Engineer. Practiced over the years at the international company in UAE and Pakistan. Objective is to improve the Irrigation, water management and water conservation program by using Hydroponic system, to apply the mathematical and engineering principle to landscape and agricultural sector.

CORE COMPETENCIES AND ACHIEVEMENT

Accurate, reliable and diligent. Complete projects/tasks within budgets and schedules. Ability to manage any ongoing challenges. Exceptional ability to forge new client.

PROFESSIONAL EXPERIENCE

Ag.Leaves (QATAR)

Irrigation & Landscape Project Engineer

02/2022-Continue

Key responsibilities:

- Supervision of Agriculture, Landscape, Irrigation, Orchard, Date palm, Identified Forest.
- Design layout and irrigation system for Hydroponic project to achieve the water conservation task.
- Design, Drafting, Hydraulic calculations, construction and maintenance of different Irrigation Systems.
- Plan and oversees the projects construction.
- Preparation & Handling of Technical Drawings, Proposals, Bill of Quantities (BOQ's) & Field visit report
- Sapling plantation and relocation of date palm and other trees.
- Supervision of field team for the provision of technical feedback

Al Murad Agro Engineering. (PVT) Pakistan

Agricultural Project Engineer

08/2017 to 02/2022

Agricultural/Irrigation /Landscape

Key responsibilities:

- Monitor and manage the agriculture/Irrigation/Landscape project schedule, Project budget and Project risk.
- Organize Site Engineers meetings and Deal with operational issues.
- Prepare Project Status Reports; Ensure project meets requirements and objectives. And Report to the higher management raising strategic issues.
- Manage project team and look after the interests of the project team.

Anchor Commodities (PVT) Ltd. Pakistan (Lakson Group)

Senior Agricultural/Irrigation Engineer

02/2015 to 08/2017

Key responsibilities:

- Designing, Construction, Maintenance, management and Operation of High Efficiency Irrigation system (Drip, Sprinkler, Fogger and Hose reel).
- Design of Solar PV panel for High Efficiency Irrigation System.
- Preparation & Handling of Technical Drawings, Proposals and Bill of Quantities (BOQ's).
- Supervision of Design and Operation Team for the provision of technical feedback and Design discussion.
- Irrigation material verification before delivering to field, Preparation of ICR1 and ICR2 reports.
- Coordination with Client and consultant.

Barari Forest Management L.L.C Remah 1984 AIAin (UAE)

Sr.Irrigation and Landscape Engineer

10/2009-03/2015

Key responsibilities:

- Design, Construction, Maintenance and Management of Irrigation system (Drip & Sprinkler etc.) for Forest, Gardens and Landscape.
- Manage, Operate, Maintain and Develop the Landscape, Identified Forest, Solar System, and Infrastructure Including Roads, Fences.
- But and Electro fusion (HDPE) experience.
- Water resource management.
- Supervision of water and food arrangement for Wildlife.
- Sapling plantation and relocation of date palm and other trees.

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EDUCATION

B.Sc. Agricultural Engineering
Intermediate (Pre-Engineering)
S.S.C

B.Z.University, Multan Pakistan
BISE D.G Khan
BISE D.G Khan

2004-2008
2002-2004
2000-2002

LANGUAGE

Urdu - Fluent
Punjabi - Fluent
English - Proficient
Arabic - Proficient

PROFESSIONAL SKILLS

Map Source (Garmin/Juno GPS)
AutoCAD 2D / 3D
Real time Landscape
Sketch Up
Google Earth
Microsoft Office™ tools
Internet Surfing / Windows

PROFESSIONAL WORKSHOP/TRAINING

Three days Workshop on Soil, Water and Plant relationship UAE (2013).

Workshop on Personality Development arranged by Al Barari Forest Management UAE (2011).

Training workshop on Improvement of Supervisory and Managerial Skills UAE (2011).

Training workshop on handling and safety of labourer UAE (2010).

Research on pressure and discharge relationship between different types of emitter at Aqeela Jadeedah Forest Abu Dhabi, UAE.

2 days' workshop on hose reel irrigation system in 2016.

2 days training for the selection of drippers/emitters and Electra-Mechanicals With the relation of discharge, pressure, area and time.

1.5 month training of Water Management (2008) in Lahore, Pakistan.

PROFESSIONAL AWARDS/HONORS

Received Annual bones and Certificates from Barari Forest Management 2010-2014 UAE.

Water Management Training Certificate Pakistan 2008.

PROFESSIONAL MEMBERSHIP

Member of Pakistan Engineering Counsel Registration No AGRI/3247