



Ahmad Hamdan

(BE, PMP)

Nationality: Lebanese

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PROFESSIONAL SUMMARY

Ahmad Hamdan is an experienced civil engineer, specializing in pavement engineering, construction materials testing and consultancy, condition assessment of existing pavement structures, asphalt performance mixes evaluation, non-destructive testing and evaluation, and construction quality inspection. Good experience in airport and road projects including pavement evaluations and related software analysis like ELMOD, COMFAA and pavement thickness design using FAARFIELD. Ahmad is Highly knowledgeable about the FAA Advisory Circulars, ICAO regulations and AASHTO.

He joined Advanced Construction Technology Services (ACTS) in 2018 and has been the head engineer of pavement division at ACTS KSA branch since 2022, leading currently a team of 15 QC inspectors, asphalt technologists, consulting engineers, and material engineers. He has, since, been directly involved in the largest projects in Saudi Arabia and the Middle East, notably NEOM, Riyadh Airport, Jeddah Airport, Riyadh Metro Project, Kuwait International Airport, and several other iconic projects in Saudi Arabia and the gulf region.

Ahmad holds a BE in Civil Engineering from the American University of Beirut.

QUALIFICATIONS

Education	<ul style="list-style-type: none">2013-2017 Bachelor's in Civil Engineering <i>American University of Beirut, Lebanon</i>
Affiliation and Membership	<ul style="list-style-type: none">Member of the Lebanese Order of Engineers and ArchitectsMember of the Saudi Council of Engineers
Language Skills	<ul style="list-style-type: none">Arabic: Read, spoken and writtenEnglish: Read, spoken and written
Technical Certifications:	<ul style="list-style-type: none">Saudi Ministry of Transportation – Superpave Asphalt Mix design technologistAmerican Asphalt Institute- Asphalt Mix design technologistAmerican Asphalt Institute – Asphalt Institute Asphalt Paving Inspector
Management Certifications	<ul style="list-style-type: none">Project Management Professional (PMP) from PMI
Technical Workshops:	<ul style="list-style-type: none">Asphalt Pavement In-Place Recycling Techniques (National Highway Institute)Superpave for Construction (National Highway Institute)Intelligent Compaction Technique (National Highway Institute)Airfield paving clinic (Asphalt Institute)

PROFESSIONAL OCCUPATIONS

2018 – present	<ul style="list-style-type: none"> ▪ Employee at <i>Advanced Construction Technology Services (ACTS)</i> occupying the following positions: <ul style="list-style-type: none"> - From 2018 till 2020: Material engineer at ACTS head quarter in Jeddah - From 2020 till 2022: Pavement and Asphalt Specialist (KSA) - From 2022 till now: Head engineer of Pavement Division (KSA)
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PROFESSIONAL EXPERIENCE

Asphalt Mixes	<ul style="list-style-type: none"> - Riyadh Airport Taxiway E project (Base and Wearing Course) - Riyadh Metro Project (Base and Wearing Course) - Damam Airport Taxiway Project (Base and Wearing course) - Taief Airbase project (Base and wearing course) - Al Ula Road Surfacing Project (Special Colored Wearing Course) - others
QA/QC projects	<ul style="list-style-type: none"> - Riyadh Metro Project - Riyadh Airport Project - Damam Airport Project - Al Baha Airport Project - Al Jouf Airport Project - Jeddah Airport Project - Red Sea Roads Project - Jufurah Asphalt Project - Red Sea Airport Project - Jeddah Hajj Bus terminal project - others
Pavement Assessment and Evaluation projects (PCN, PCI, IRI)	<ul style="list-style-type: none"> - Riyadh Airport Structural and functional evaluation (Taxiway E, B, D, F), Royal and Private Aprons - Pavement Evaluation of Al Wajeh Airport (HWD, LCMS2) - Pavement Evaluation of Turaif Airport (HWD, GPR) - Pavement Evaluation of Arar Airport (HWD, RSP) - Pavement Evaluation of Qaisumah Airport (LCMS2, CFME) - Pavement Evaluation of Jizan Airport - Pavement Evaluation of Dammam Airport - Pavement Evaluation of Abha Airport - Pavement Evaluation of Al Baha Airport - Pavement Evaluation of Al ULA Airport - Pavement Evaluation of 12 roads in Eastern region - Pavement Evaluation of South terminal yard- Jeddah Islamic Port