

Mohamed Mostafa El Sayed Ali

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Personal information

- **Date of Birth** : 27th Sep. 1976
- **Nationality** : Egyptian
- **Gender** : Male
- **Marital status & dependents** : Married / Family dependents: 2 persons (Spouse + 1 son)
- **Military status** : Completed
- **Driving license** : Valid

Professional Profile & Achievements

Agile & professional Quality Control / Assurance Expert with a round 18 years of experience in cement industry and 22 years of a total work experience within multinational firms (Cement, Paper mill, Pharmaceuticals & Additive manufacturing), I have been able to advance in my career through demonstrated initiatives, leadership & innovation; I have had the opportunity to work independently in complex international environments - different nationalities and cultures - which have strengthened my organizational and cross-cultural communication skills; In addition, I have 3 years of experience in additive manufacturing (specifically 3D printing and 3D modeling) Which considered as an added value to any industry such as the new promising 3D concrete printing technology (3DCP) and also maintenance / spare parts supply chain and reverse engineering .

- Lafarge European regional lab handover - Lyon (France).
- Quality Integrated Management System (QIMS / LIMS) full implementation / development active Contribution in 16 plants in (Morocco, Algeria, Egypt, Kenya, Nigeria, Uganda, Zambia, South Africa & Russia).
- Quality mix control system (QMC) full implementation / development active contribution (New functionalities & Failure diagnosing tools) in 12 plants in (Algeria, Morocco, Kenya, Uganda, Nigeria, Zimbabwe, Zambia, Jordan, Austria, Russia).
- Operational Cost Optimization achievements by Quality mix control (QMC) deployment / optimization.
- Managed 3 regional technical workshops in (Morocco, Algeria & Kenya).
- Certified Cement Quality Expert – Lafarge - LEAD program.
- Certified Auditor/Lead Auditor QMS ISO 9001: 2008.
- Certified Internal Auditor QMS 9001:2015 & EMS 14001:2015
- IMS implementation, integration and upgrade for ISO 9001, 14001 & 18001 / 45001.
- IMS Management representative (MR)
- IMS digitalized documentation system (cloud platform)
- Quality transformation plan, Market survey plan, New product design & launching
- Certified Manager of Quality Organizational Excellence (CMQ/OE - ASQ) – Attendance certificate

Professional Profile & Achievements

- Product development
- Clinker reactivity
- Training, Facilitation & Coaching
- QMS & IMS implementation
- QMS Auditing (certified Auditor / Lead Auditor)
- Effective Data analysis
- Presentation & Reporting (BI & data visualization)
- Innovation / new job aids
- Raw mix control / process optimization
- Cement plant Quality support
- Additive Manufacturing (3D printing & Modeling)
- Laboratory results management/mastery
- Product compliance, quality control logic
- People development
- RCA & Problem solving
- Change management
- Project management & Planning
- Knowledge sharing and Know-how transfer
- Driving for results & Customer focus
- Cross functional communication & networking

Work Experience

Sep. 2021 – Till now



Cementir Holding N.V – Sinai White Cement - Egypt

Quality Manager

Cement production capacity up to 500 KTon/y

- Maintain and improve the Health, safety and Environmental aspects.
- Set and implement the quality transformation plan to promote the overall quality management system.
- Implement & ensure the effectiveness of the QMS (Quality management system ISO 9001:2015).
- Manage & monitor the achievement of the company quality objectives / KPIs.
- Prepare and drive the implementation of the annual Quality Control Plan for the plant and ensure that production quality control processes are implemented in line with agreed procedures and guidelines.
- Ensure the raw materials, In-process materials and the final product quality that comply with general and specific standards and ensure all product quality targets are met and deviations from target quality standards are promptly identified and rectified.
- Ensure that the quality reporting system is in place and provide periodic reports (Daily, Monthly, Yearly) on the activities and performance of the plant QA/ QC function.
- Seek out new opportunities to maximize the business benefits from the ideal usage of reserves, alternative raw materials, fuels, clinker, and additives / SCM.
- Support the business unit for launching new products or Improve existing products according to the corresponding standards (Product development).
- Study the product quality problems and initiates necessary adjustments and corrective actions to prevent product noncompliance (CAPA) and customer complaints.
- Working closely with the Sales team (role of technical sales) to eliminate any customer complaints and ensure the customer satisfaction (VOC).
- Supervise laboratory operations to ensure the precision of samples testing process for raw materials, intermediate products, final products and to ensure that sampling, measuring and analysis procedures are adequate and respected.
- Ensure the calibration of all lab. Equipment according to the annual calibration schedule.
- Ensure preventive maintenance is carried out for laboratory equipment and effective housekeeping is conducted in the laboratories.
- Manage the interface between the QA/QC function and other relevant departments within the plant.
- Coach / develop the plant quality team and provide overall guidance, leadership and strategic direction to ensure that all QC personnel are fully trained and competent.
- Support the Plant Director in ensuring the final product quality specifications and agreed standards.
- Ensure the implementation of Cementir group technical center policies and standards.

- 1- Provide the cement manufacturer with the full range of quality assessment and quality improvement services that eliminating poor quality and variability within the process and improve final product quality, consistency and uniformity
 - Sampling and sampler assessment
 - Product Quality Mastery Program
 - National & International standards compliance
 - Raw mix optimization
 - Clinker reactivity
 - Product development
 - Launching new product
 - M&S* and Usage quality parameters as PQS (Product Quality Specifications)
 - M&S* and opportunity assessment & Market survey
 - Customer complaint management system & IQP (Product Quality Indicator)
 - Technical sales
 - Effective quality data analysis
 - BI solutions, Reporting and job aids
 - Lab Safety

- 2- Provide the technical support for different management system standards (ISO 9001, ISO 14001, ISO 18001 / 45001) as the following:
 - Design, creation and customization of a new QMS* \ EMS* \ SMS* (for a function, department or whole organization).
 - Support the full implementation of the designed systems through:
 - Setting Policies, Objectives and Goals
 - Identifying Requirements
 - Criticalities, Risk Assessment and Prioritization
 - Risk Register and Risk Management Plan
 - Monitoring and Measuring
 - Feed-Back, Evaluation and Continuous Improvement
 - Support the preparation of all the required documents including the 4 levels of the documented information (Manual, SOPs*, WI* and forms / Records).
 - Support establishing a simple and reliable system for controlling the documented information that required by the standard.
 - Support the full integration of multiple management systems and processes into an integrated framework (IMS*) that enabling the organization to work as a single unit with unified objectives.
 - Independent evaluation and gap analysis of an existing QMS* \ EMS* \ SMS* \ IMS* to assess the compliance to Standards and regulations.
 - Restructuring and updating the QMS* to simplify it and improve compliance.
 - Provide the required QMS* \ EMS* \ SMS* \ IMS* awareness & training.
 - Support the preparation for certification that include:
 - Pre-Audit
 - Evaluation of the documented information system

IMS* : Integrated management system.
QMS* : Quality Management System.
EMS* : Environmental Management System.
SMS* : Safety Management System.
M&S* : Marketing & Sales

Jan. 2016 – Sep. 2018



Yanbu Cement Company – Saudi Arabia

Quality Assurance Manager – Performance department

Cement production capacity up to 6 MTON/y

- Manage the QA department based on 3 main axes (Quality planning, Quality Control and Quality audit)
- Monitor the entire value stream product quality and process capability.
- Ensure that QA activities are effectively carried out through regular reviews with the value stream and QA strategic plan (short, mid & long term).
- Establish, maintain & develop the quality control plan, Lab equipment maintenance / calibration plan, Lab equipment reliability monitoring (LERI %), Work instructions and SOPs.
- Ensure and review product quality performance (Statistical monitoring of the product compliance) .
- Follow-up the identified quality issues, NCRs, non-conformities and RCA to ensure corrective actions are in place and effective.
- Ensure the new\existing manufacturing processes are capable of producing product in conformance with established specifications \ standards.
- Tracking of Incoming materials \ Supplier performance.
- Ensure the full implementation of Product quality mastery (PQM).
- Manage product development including Clinker reactivity, C/K improvement and Launching new product (starting from Opportunity assessment based on the market knowledge “Market survey”, Product design and lab / Industrial trials).
- Technical Sales support and ensure the full implementation of Customer complains management system and coordinate between M&S and QC department to ensure the customer satisfaction.
- Interface with the Quality control manager on all quality issues related to finished product compliance and concrete.
- Manage the Implementation, Integration, follow-up and continuous improvement of the IMS* - Integrated Management System (ISO 9001, ISO 14001 and OHSAS 18001 Standards).
- Manage and Coordinate setting up the yearly (company \ departmental) objectives and KPIs and ensure alignment with the company policy \ vision and follow-up the progress of achievement
- Organize and moderate the yearly and the mid-year review meeting and MRM (Management Review Meeting)
- Ensure the full compliance to the Quality management System, Environmental management system & Safety management system, legal and regulations requirements.
- Lead The IMS (QMS, EMS, SMS) Pre-assessment, certification, re-certification
- Manage internal and external audits.
- Manage the Controlling \ Digitizing \ Organizing \ Updating the IMS \ ISO documents.
- Ensure and maintain the IMS communication plan.
- Provide IMS awareness & training.
- MR (Management representative) to deal with the Quality related Saudi governmental authorities as SASO, Mawad (ministry of housing), Saudi GS1,

IMS* : Integrated management system (ISO 9001, ISO 14001 & OHSAS 18001)



▪ **Quality Plant support (36 plants) :**

- Raw mix optimization, Sampling & Sampler assessment.
- Product development (Clinker reactivity, C/K - clinker factor improvement and Launching new product).
- Industrial trials for (new products, new materials deployment, Grinding aids and AFR).
- QMS implementation and auditing – Certified QMS (ISO 9001:2008) Auditor / Lead auditor
- Laboratory equipment calibration.
- LQTS*, LQMS* implementation (LAFARGE quality technical & management referential standards).
- Product quality mastery (PQM) implementation.
- SOPs, LQPs creation & implementation.
- Plant staff training and oriented people development, focusing on coaching and know-how transfer.
- Effective control program implementation assistance.
- Effective Quality data analysis.

▪ **QIMS* Technical Support**

- Opportunity pre-assessment.
- Plant data collection, gap analysis and alignment action plan.
- Project charter and project plan preparation.
- Equipment connections & upgrades assistance (Technical advice, mentoring & communication).
- Unilab system Configuration.
- Plant team Training (Unilab, Tableau (BI) & troubleshooting).
- System GOLIVE activities.
- Monitor the system for the proper usage by the plant team.
- Maintain external specification updates.
- Provide real time support (Business & IT advice).
- Support QIMS Reports development and Provide the technical specifications for the new reports.
- Conduct the annual QIMS refreshment training course (Face to face / Virtual).

▪ **QMC* Technical Support**

- Implementation assessment.
- Application Installation and configuration.
- Equipment connections (XRF, CBA, OPC server & DCS).
- Raw mix control optimization.
- Raw mix Sampler assessment.
- Plant team training.

▪ **International missions / Countries:**

Africa & Middle East	Algeria, Morocco, Nigeria, Zimbabwe, Uganda, South Africa, Kenya, Jordan, Pakistan, Iraq, Egypt, Zambia, Malawi, Saudi Arabia
Europe	France, Belgium, Romania, Russia
North America	Canada

QIMS* : Quality Integrated Management System .
 QMC* : Quality Mix Control system .
 LQTS* : Lafarge Quality Technical Standard
 LQMS* : Lafarge Quality Management Standard

Aug.2004 - Apr.2009



Lafarge Cement Egypt – (El-Sokhna plant) – Suez, Egypt

Quality Shift Leader

Production capacity up to 10MT/y

- Supervise the quality control of 5 production lines & 8 cement mills to insure achieving the plant quality KPIs and product specs.
- Raw mix preparation quality monitoring by CBA (Thermo Fisher) and Insure the proper mixing ratios of the different raw materials (according to the approved mix design).
- Worked on different models of X-RAY devices: Philips : X'cem X-40, Cubix (AMT system - Robolab) , ARL: 9800xp
- Chemical lab. supervision
- In process quality optimization using (mix design, material balance, back calculations, targets estimation, particle size distribution using Mastersizer 2000 – Malvern V 5.2, Control charts, round samples, trump curve etc).
- Follow up the long & short term plan of raw material consumption.
- Prepare the plant daily / monthly quality reports.
- Using the e-business solution (Oracle) for work orders in case of any maintenance needs during the shift.
- Shift employees (technicians) management.
- Attended the following projects :
 - De-bottlenecking project - increasing the production capacity of all production lines (from 2005 to 2006).
 - Commissioning of line 5 and cement mill 7 ... (2006/2007).
 - BDT project (By pass Dust Treatment project) ... (1/2007).
 - AFR project (Alternative Fuels and Raw materials).

Feb.2004 - Aug.2004



Al Sendian for paper mill – Fine - (Nuqul Group), Egypt

Production shift leader

- Manage all production activities of the main production line (VALMET) 1800 m / min × 2.25 m.
- Follow up production plan.
- Follow up materials requirement and supply chain plan.
- Shift employee's management.
- Follow up the QC Lab. reports.

Nov.2000 - Feb.2004



Amriya Pharmaceutical Industries – Alexandria, Egypt

Chemist - Finished Products Department

- Perform chemical & physical analysis for all in-process / final products.
- Full understanding of ISO 9001, ISO 14001, ISO 18001 standards & regulations.
- Full understanding of GMP / CGMP practices

Education

Nov. 1998 | **Bachelor of Science - Department (Chemistry / Oceanography) - Faculty of Science
Alexandria University,
Alexandria, Egypt**

Personal Skills

Computer skills

- Excellent & Strong IT Background (hardware, OS & Applications).
- Commandant of the computer unite during the obligatory military service.
- Technical support capability (software, hardware and networking).
- Professional user of MS-operating systems (up to Win 10).
- Professional user of MS-Office – up to MS office 365 (Word, Excel + visual basic, PowerPoint).
- Using MS Project.
- ICDL certified – American university – Cairo.
- Tableau Desktop certified user (BI – Reporting / data visualization solution) – up to V10.4
- Programming language C# (Console Application) – Microsoft certified.
- 3D modeling using Autodesk Fusion 360, Meshmixer and other applications
- Graphics using Photoshop, Inkscape and other applications

Language skills

- Mother language (Arabic).
- Perfect command of English language both spoken and written (IELTS certified).

Personal key skills

- Perseverant
- Leadership
- Multi-task oriented
- Know the value of team work concept
- Self-motivated
- Communication skills and flexibility
- Working with different nationalities / understanding their cultures
- Problem solving
- Critical thinking
- Job task planning
- Finding information
- Attention to Details

Training History*

▪ Rakta for paper mill - (Internship program)

- | | | |
|---|------|------|
| - Paper production process | Aug. | 1995 |
| - Paper researches | | |
| - Water station and boiler water analysis | | |
| - Physical tests | | |

▪ Faculty of engineering

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|---|------|------|
| - Electronics for beginners & Electronic projects | Jul. | 1996 |
| - PCB design | | |
| - Hardware | | |

▪ Amriya pharmaceutical ind.

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|---|------|------|
| - Introduction to pharmaceutical Ind. & GMP | Nov. | 2000 |
| - ISO 9001, ISO14001, Industrial safety | May. | 2001 |
| - Cleaning validation procedure | Jun. | 2001 |
| - Spectrophotometry | Jan. | 2002 |
| - CGMP | Feb. | 2003 |

▪ Lafarge Cement Egypt.

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|--|------|------|
| - Effective communication skills | Dec. | 2004 |
| - A.F.R. (Alternative fuel & raw materials) | Jan. | 2005 |
| - Cement course. | May. | 2005 |
| - 7 habits of highly effective people | Jun. | 2007 |
| - Ionizing radiation protection - (E.A.E.A.) | Sep. | 2007 |
| - Risk assessment | Feb. | 2008 |
| - Six Sigma (AUC) | Oct. | 2008 |

▪ Lafarge Middle East & Africa.

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|--|------|------|
| - Facilitation and Coaching | Apr. | 2010 |
| - Travel security awareness training | Oct. | 2010 |
| - QIMS champion training (DPC/Lyon - France) | Jan. | 2011 |
| - Lafarge Industrial Applications | Jan. | 2011 |
| - High Impact Presentations | Mar. | 2011 |
| - RCA & problem solving | Mar. | 2011 |
| - VFL (Visible Felt Leadership) | Jun. | 2011 |
| - QIMS advanced training (Siemens - Belgium) | Oct. | 2012 |
| - First Aid | Apr. | 2012 |
| - Audit skills for experts | Apr. | 2013 |
| - Auditor/Lead Auditor QMS ISO 9001 | May. | 2013 |
| - Project management | Feb. | 2016 |

▪ Yanbu Cement Company

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|--|------|------|
| - Certified Manager Quality/OE | Dec. | 2016 |
| - Management Skills & Leadership | Apr. | 2017 |
| - Talent Management | May. | 2018 |
| - Certified Internal Auditor ISO9001, ISO14001 | Jul. | 2018 |

▪ Cementir Holding - (Online program)

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|---|------|------|
| - General Data Protection Regulation (GDPR) | Feb. | 2022 |
| - Leadership model | Feb. | 2022 |
| - Privileged Information Handling Procedure | Feb. | 2022 |
| - Performance Management (Employees) | Mar. | 2022 |
| - Performance Management (Managers) | Mar. | 2022 |
| - Cybersecurity | Mar. | 2022 |
| - Fraud Management & Whistleblowing system | Mar. | 2022 |

* All certificates are available upon request.

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