

The Monthly Magazine



شركة ريسوت للإسمنت
Raysut Cement Company



ACHIEVEMENTS



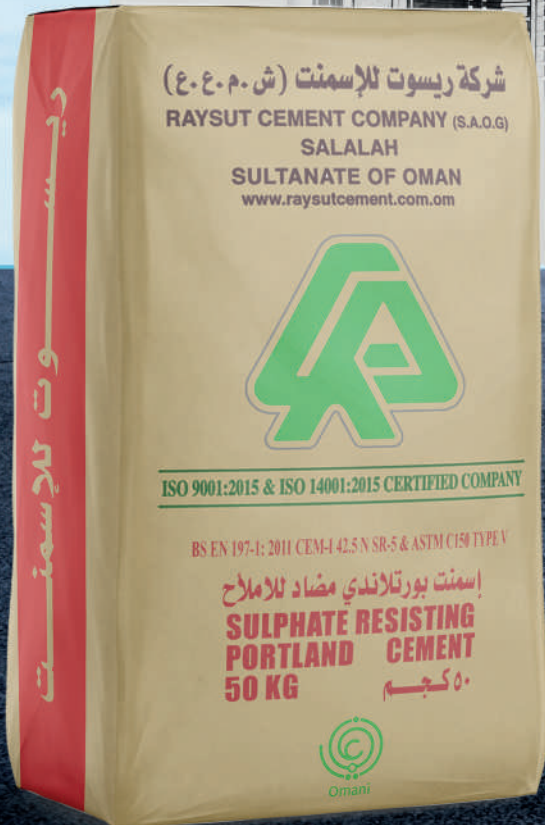
REPORTS



News

SULPHATE RESISTING PORTLAND CEMENT

إسمنت بورتلاندي مضاد للأملاح



إسمنت بورتلاندي مضاد للأملاح

هو إسمنت مضاد للأملاح يستخدم لأغراض البناء في المناطق الساحلية والمناطق التي تحتوي فيها التربة القلوية والمياه الجوفية على كميات عالية من الكبريتات

SULPHATE RESISTING PORTLAND CEMENT

Sulfate resistant Portland cement is used for construction purposes in the areas where it contains Alkaline soil and groundwater contain high amounts of sulfate .

Opening speech



CEO
Khalid Alrawas

- Dear All,

I would like to extend my sincere thanks and gratitude to all of you for all efforts exerted by you over the past periods where we have achieved a positive result for the company and this achievement is a result of the combined efforts of each of you who belongs to the Raysut Cement family. Therefore, I hope that everyone will continue to make more efforts to achieve high achievements and prosperity in proving the quality of our products. Wishing everyone good health and happiness , and for the company more achievements and prosperity."



Raysut Cement participation in the CemTech Middle East and Africa 2023 conference



The CemTech Middle East and Africa 2023 conference was held in Dubai, United Arab Emirates, specifically at the Grand Hyatt Dubai, from February 12 to 15, 2023.

Raysut Cement Company participated in this conference, in the presence of several members of the Board of Directors, the CEO and several members of the executive management. Raysut Cement's participation in this conference comes out of the interest of the new Board of Directors to keep up with everything new in the world of the cement industry.

The CemTech Middle East and Africa conference is considered one of the most important international conferences in the field of industry, specifically the cement industry, as this conference provides many opportunities for industrial companies to communicate with their counterparts in the field of industry from more than 35 countries around the world.

During this conference, many panel discussions were held in the presence of many experts in the field of industry, specifically the field of the cement industry, to discuss the performance of the cement industry in the Middle East and Africa, and to stand on many important points in the field of cement industry, the most important of which is reducing carbon in the field of industry by presenting the available and future solutions in the field of low-carbon cement and alternative fuels, which in turn will contribute significantly and effectively to reducing carbon, as well as discussing effective tools through which industrial companies can address the main issues related to the role of the cement sector in the circular economy.

Khaled Ramis Al-Rawas, Group CEO of Raysut Cement Company, said:

"Our participation in this conference comes out of our keenness to implement the royal orders of His Majesty Sultan Haitham bin Tariq, may God protect him, represented in adopting the year 2050 as a date for achieving zero carbon neutrality in the Sultanate of Oman. This conference presents many solutions in the field of low-carbon cement manufacturing and how to use Alternative fuels to reduce carbon, as well as the latest technical developments in the cement industry.



A visit to some East African and Yemeni markets

- Raysut Cement Company formed a team consisting of the Director of the Quality Department, the Director of Marketing and the Director of Export, accompanied by the Acting Executive Vice President, to visit the East African and Yemeni markets, where the visit included Somaliland (Hargeisa and Berbera), Somalia (Bosaso), and Tanzania (Zanzibar).
- And Yemen (the city of Mukalla and Aden), and the team also visited the commercial ports in these areas, the cement markets, and visits to the owners of concrete companies and commercial warehouses, accompanied by senior partners. The aim of this visit is to inspect the conditions in the market and study the upcoming challenges facing these important markets.



Maintenance

February 2023 achievement(Maint. Dept) :

- Total 225 work orders were processed for this time period
- Maintenance worth RO 37,855 was done in Feb 2023
- Monthly safety meeting conducted
- Accidents/incidents in dept for the month of February



- **Packing Plant : Cement Silo # 4 internal conical portion**
area new typical aeration system installed for better extraction purposes



Before



After





Maintenance

LINE 4 PREHEATER 4TH CYCLONE DIP DUBE REPLACEMENT JOB.

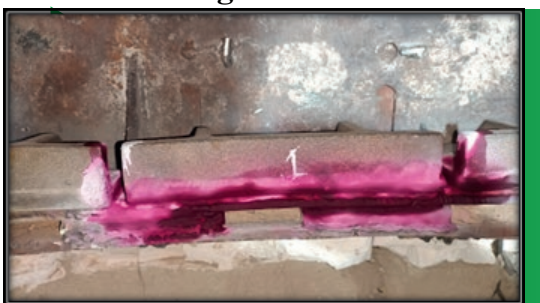
► Dip tube condition



► Dip tube dismantling started



► Dip tube base prepared and full welding done.



► Dip tube assembling



► Line 4 preheater 4th cyclone Dip tube dismantling started



New dip tube erection completed on 2nd march.





Salem Team - Dhofar Market

- Local Sales -Dhofar reached a change increase in Cement Sales on February 2023 compared to January 2023.

Comparative Sales Volumes: February 2023& January 2023

February 2023	January 2023
24,709.85 tons of different bulk cement	27,399.32 tons of different bulk cement
326,823 different bags of cement	267,404 different bags of cement
5,256.200 Clinkers	6,542.790 Clinkers

- Dhofar sales have been awarded to supply Pozzamix and Oil well cement to Makameen Petroleum in all of Nimer and Abu Tabool.





Newsletter-Export Sales-February 2023

- Export Sales for this month has declined by around 32% as compared to February 2022.
- There were no clinker exports in February 2023 as well as February 22 as such the available clinker was fully utilized in cement production.

Comparison table of exports: February 2023 vs January 2023

February 2023	January 2023
13,349 MT of different types of bulk cement	48,509 tons of different types of bulk cement
64,373 MT of different types of bagged cement	103,014 tons of different types of bagged cement
Clinker: NIL	Clinker: NIL

- Exports in Feb 2023 has shown a decline of around 48% over Jan 2023 exports.
- Export and shipping teams have recorded zero demurrage for ship loadings in Jan as well as Feb 2023 months which has resulted in the better savings for the company.
- Export & Shipping team has managed to secure the customer payments by collecting advance payment from most of the customers.
- Export and shipping team have continued to maintain the export customers and supporting business houses by providing professional services to them.

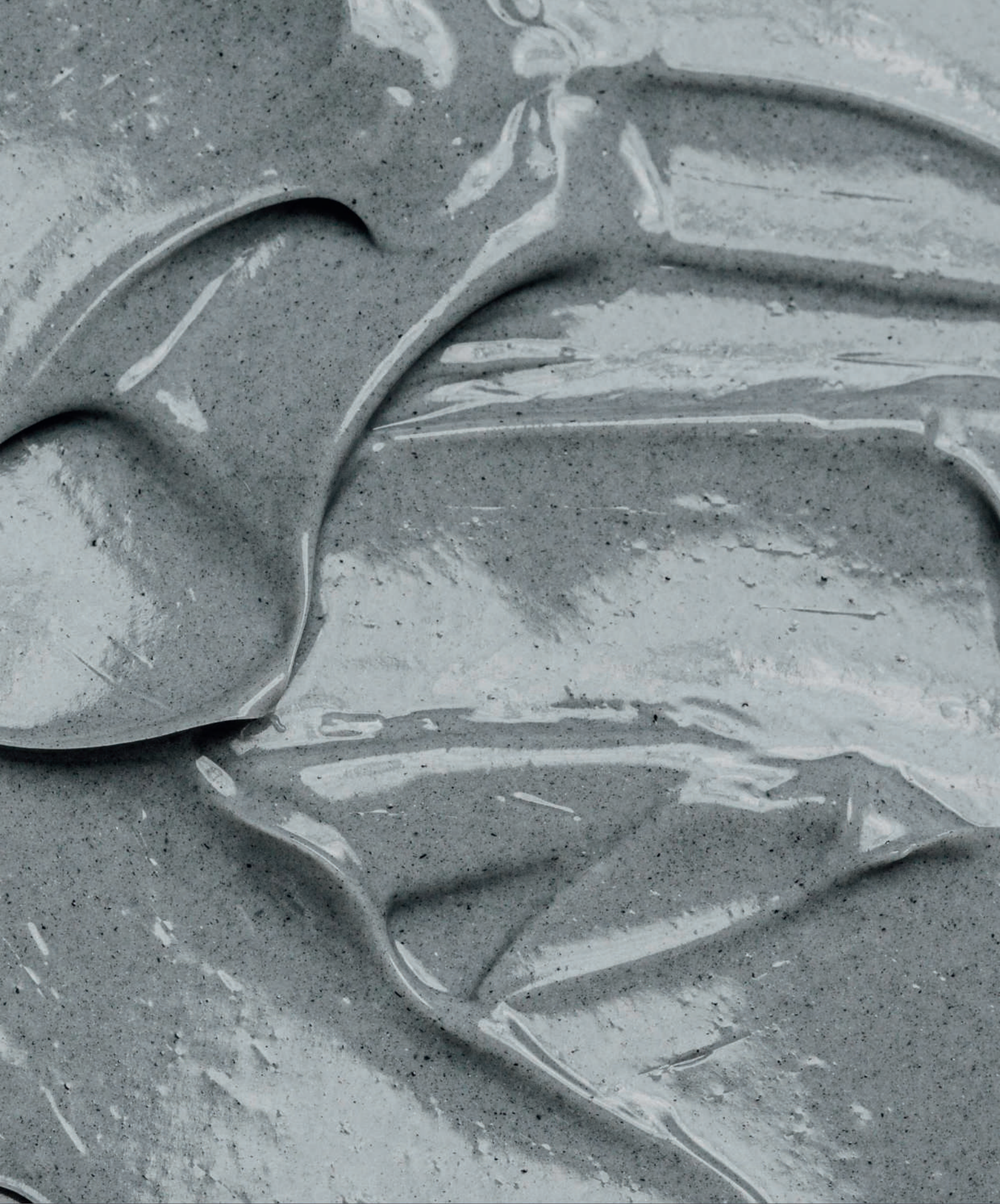




News and achievements of the HR Department

- Follow up the process of end of service for resign employee.
- Coordination and follow-up with the Quality Management Department regarding the external audit of the ISO certificate, which will be on next March.2023
- Follow up the leave plans of employees within the departments.





مصنع إسمنت صحر
SOHAR CEMENT FACTORY



CEMENTSOHAR



SOHARCEMENT



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HR Achievements

- Attract the skilled outsource manpower under SCF payroll that's deduct more than 40 % of the cost.
- Reduce the hourly rating of outsource labors from 1.3 OMR to 0.9 OMR, achieved approximately 5000 OMR as saving.
- Improve medical insurance coverage for SCF employees



Raysut Cement's New Board of Directors Visits Sohar Cement Factory

- Sohar Cement Factory was recently honored by Raysut Cement Company's new Board of Directors, on February 22, 2023
- The visit included a meeting with the factory management and employees, where the Board was briefed on the operations and progress of the factory. Visual presentations were also presented to highlight the achievements and goals of all departments.
- The new Chairman of Raysut Cement, Mr. Hamdan Bin Ahmed Al Shaqsi, provided his generous guidance and vision for the future of the company. He emphasized the importance of maintaining a strong focus on quality, innovation, and sustainability in all aspects of the business.



- In addition, the Board toured the factory's production lines and witnessed first-hand the high-quality standards and advanced technologies being used in the manufacturing process.
- The visit to Sohar Cement Factory is part of Raysut Cement's ongoing efforts to strengthen its presence in the local and international markets, and to provide the highest quality products and services to its customers.



MECHANICAL DEPARTMENT

- **Shutdown Maintenance :**

Issue: During checking we found Roller Press dynamic separator cone body worn out.



- **Maintenance:** Damage and worn-out part removed and replace with CDP wear plate





MECHANICAL DEPARTMENT

- **Issue: Roller press inspection and maintenance.**



- **Maintenance: Roller press side cheek plate worn at bottom side, so we remove side covering and dismantle both sides cheek plates and repaired it by welding and hard facing and fix again**





Achievements of the maintenance department

● PACKER DISCHARGE BELT MODIFICATION AND COST SAVING

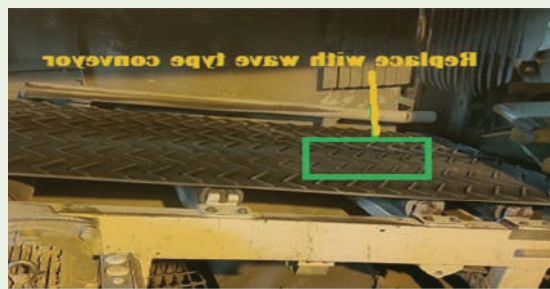
● PROBLEM HISTORY:

In the packing plant for the last one and a half years we are using PPE cement packing bags and as we know our packing system is designed for paper bags.

Due to system design, we faced many issues during the implementation of PPE bags, and with time we resolve and ready the system according to the PPE bags. .

After these, all modifications still one issue not resolved which is packer discharge belt conveyor bag sleep towards the packer side, and for a temporary basis, we put a compressed airline of ½ inch for cleaning the belt conveyor, and it's working..

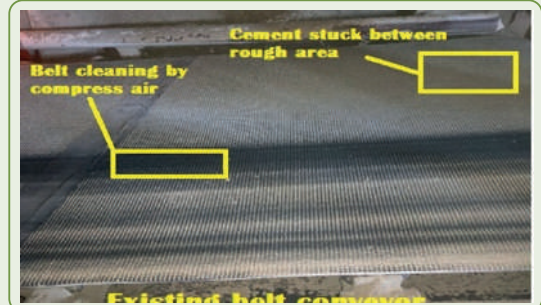
But the compress airline continuously open for all 3 packers and compress air loss continuously.



PROBLEM IDENTIFICATION :

PPE bag surface is smooth compared to paper bag, Existing belt conveyors have fine dots due to this cement stuck between two dots and making belt conveyor surface smooth.

Due to both surface smooth bag bags not moving forward and sleeping towards packer side.



PROBLEM SOLUTION :

We observe the issue and find wave type belt conveyor and modified FLS design

This belt conveyor has big wave it can hold bags in an inclined position.

This belt conveyor has a sufficient gap between the waves, so air pressure is not required for cleaning.

Its cost is same old belt.

We implement this modification in all packers.

COST SAVINGS:

Packer ½" airline use for cleaning approx. air loss per hours – $85 \times 3 = 255$ CMH.

Power loss= compressor power x air loss CMH / comp. air production.

Power loss $132 \times 255 \times /1374 = 24.49$ kwh.

Power cost per hour = 0.021 OMR/kwh.

Daily cost saves = 12.348 OMR.

Yearly cost saves = 4445 OMR



- **Maintenance of Power Transformer**
- **The regular maintenance of transformers has been done for all transformers in the plant as below:**
 - Main Substation transformer (16MVA 33KV / 11KV).
 - Cement grinding station transformer (2.5MVA 11KV / 440V).
 - Cement packing Transformer (1.6MVA 11KV / 440V).
 - Raw Material & Additive Transformer (1MVA 11KV/ 440V).
- **The maintenance includes several basic points:**
 - Tool box talk for Transformer Activities
 - Transformer Protection System Testing
 - Transformer Oil Filtration
 - Transformer Oil Analysis



Condition Assessment Summary:

Functional Area	Diagnostic Tests	Condition Status
Core	<ul style="list-style-type: none"> •Magnetization Current test •Insulation resistance test •Capacitance measurement test 	Good
Winding	<ul style="list-style-type: none"> •Magnetization current •Winding resistance test 	Good





E&I Department

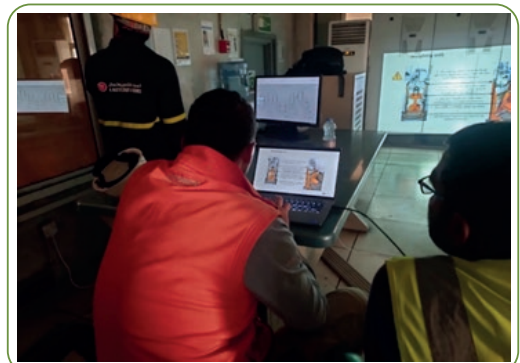
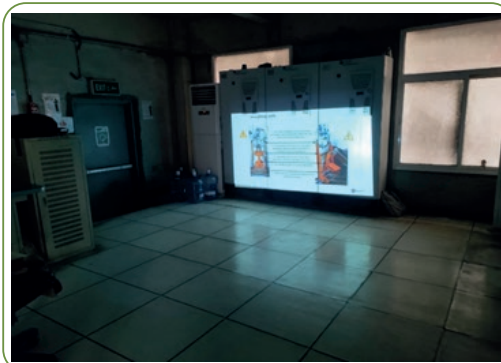
- **Upgrade and Refurbish Luminaries System in Raw Materials Shed**
- **Replaced the old lights with new LED type. The reasons why we chose LED light.**
 - Improves productivity.
 - Improves LUX.
 - Reduce power consumption.
 - Save on maintenance and replacement costs



- **FLSmidth Ventomatic Visit Sohar Cement Factory**

FLSmidth technical engineer visited our plant from 01/02/2023 to 02/02/2023
During the site visit, FLSmidth engineer carried out the following activities:

- Condition monitoring of rotary packer and automatic truck loader.
- Arranged power point presentation for rotary packer machine.
- Practical application training.
- Fine tuning of machines.
- Password upgrade for rotary packer machine.
- Spare parts Assessment.



E&I Department

● Portacabin Electrical Installation Work

● E&I department completed the electrical installation work for new porta cabin as following:

- Laying of main power cable.
- Electrical wiring work.
- Lighting work.
- Power sockets





Sales – Sohar Cement Factory

- Local Sales – Sohar Cement Factory have recorded an increase in Cement Sales by 12 % in February 2023 compared to January 2023

February 2023	January 2023
18633 tons of different bulk cement	13643 tons of different bulk cement
966330 of different bags of cement	924,023 of different bags of cement





SCF – QC DEPARTMENT NEWS & ACHIVENMENTS



- Zero Customer Complaints in February 2023 month.
- SOPs (Standard operating procedure) are implemented for all scf Lab equipment's.



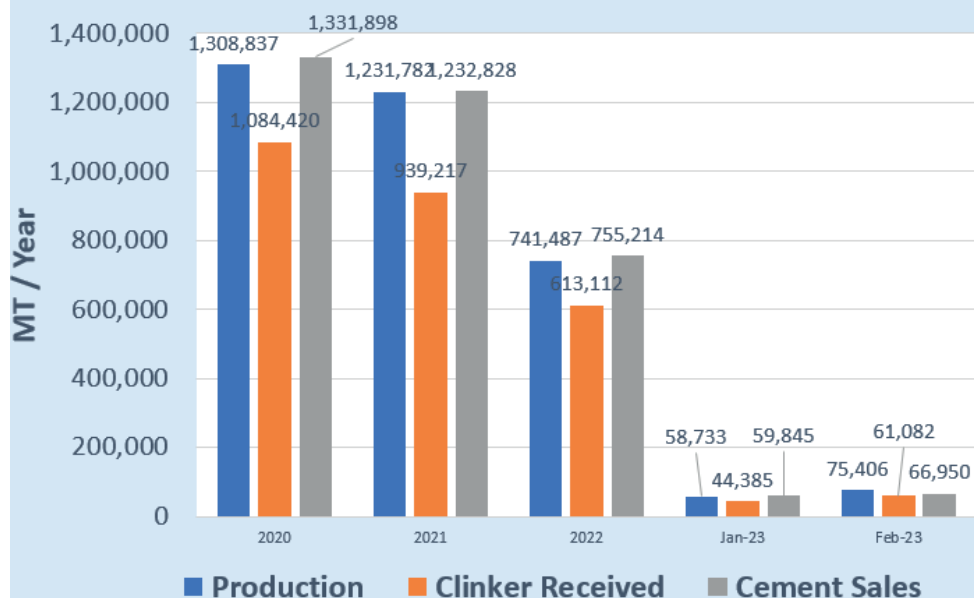
- New cement additive (Jindal LRF Slag) lab ball mill trials successfully completed and given clearance form qc department to do plant level trail



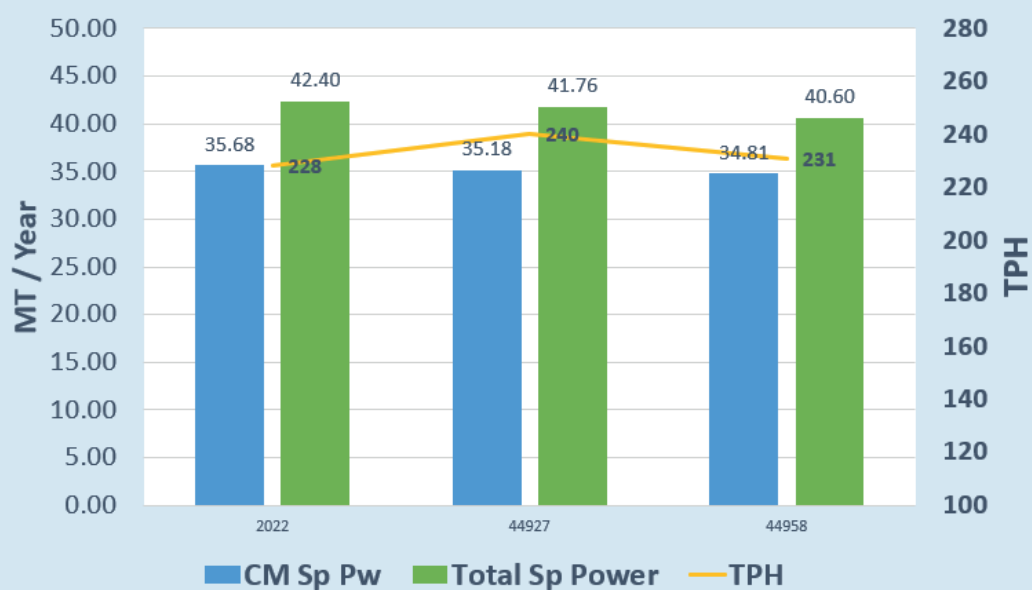


Production news, performance

PLANT PRODUCTION, CLINKER RECEIPT & SALES



PLANT PERFORMANCE





Pioneer Cement Industries
بايونير لصناعة الإسمنت



Sales

- Pioneer clinker sales was 58113 tons in January 2023, and it was 87341 tons in January 2022.
- Pioneer has dispatched in January 2023 the following quantity:
9507 tons of different bulk cement
19710 different bags of cement
58113 Clinker

- Note that the quantities of cement sales in February 2023 were as follows:

9569 tons of different bulk cement
21269 different bags of cement
61414 tons of Clinker

Sales	Feb-23	Jan-23
Clinker Local UAE	MT 10806	MT 19179
Clinker to Sohar	MT 50608	MT 38934
Bulk & Bags Local UAE	MT 12070	MT 12506
Bulk & Bags Sohar	MT 18768	MT 16711





Pioneer cement HR Monthly Report

- Board Members visited our Plant on 27-02-2023 and had meeting with our Managers.
- Medical Insurance for the year 2023-2024 has been finalized.
- Payroll successfully complete for the Month of February 2023.
- Hired 2 Packer Operators for Mechanical Department.
- Three employees left during the month of February 2023. Total No. of employees are now 202.



OPERATION



- Kiln running continuously with gas.
- Total Clinker Production: 100593 Tons
- Total Gas Usage: 332142 MMBtu
- Total Cement Production: 42359 Tons

HSE



- We achieved: Zero LTI, Zero Injury & Zero Incident
- HSE Internal Training : Jan-Feb 2023
 - Re-Induction 2023 – Attended By 250
 - Anti- Harassment policy & OH&S Policy – Attended By 185
 - Behavior based safety and safety culture - – Attended By 25
- Improved HSE Signages inside plant



ADMIN

- Renewal Medical Insurances completed.





Initiatives

- Fuel Cost minimized by utilisation of optimum gas.
- Cement Grinding Power consumption reduced. Jan-23 power consumption was 40.32 unit/ton for Feb its 38.21 unit/ton, 2.11 units/per tons of power saving.
- Started Ferro Chrome Slag consumed in Cement Grinding.
- Achieved Etihad power tariff, saving AED 0.8 million

● RAYSUT BOARD MEMBERS VISITED PIONEER PALNT WITH CEO



● Improved HSE Signages in Plant





شركة ريسوت للإسمنت
Raysut Cement Company



Health, Safety and Environment





شركة ريسوت للإسمنت
Raysut Cement Company



Health, Safety and Environment



Monthly fire preparation exercise



Monthly maintenance of firefighting equipment's by the technical safety team





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Raysut Cement Company



Health, Safety and Environment



Monthly Meeting of HSSE team members



Safety Inspection to ensure the application of safety laws and to ensure that everyone adheres to them





شركة ريسوت للإسمنت
Raysut Cement Company



Health, Safety and Environment



Periodic inspection of fire boxes and reels



Renewal of reflective colors for safety regulations





Health, Safety and Environment



Repaint barriers



Repainting speed breakers and stair barriers





شركة ريسوت للإسمنت
Raysut Cement Company



Health, Safety and Environment



Cleaning of air tanks

After



Before



After



Before





مصنع إسمنت صحر
SOHAR CEMENT FACTORY



Health, Safety and Environment





Health, Safety and Environment



New Policy

We continue to update occupational health and safety procedures, and we have recently new anti-harassment policy.

Training

During February Cardiac Pulmonary Resuscitation (CPR) training was undertaken at our sites in collaboration with LIFELINE HOSPITAL Sohar. Done during training sharing this knowledge and awareness about Cardiac Pulmonary Resuscitation (CPR) and practical application on how to do it and explain its various aspects in order to save lives during emergency situations. This training is invaluable not only in the workplace but can be used in the home environment





Health, Safety and Environment



Tool Box Talk

It is done on a daily basis in most departments on Sohar Cement Factory. Safety Alert _ POWER TOOLS AND BATTERY SAFETY proced have been sent to Sohar Cement Factory team for awaenees.

Improvement Card

Implement new safety improvement card for observation of unsafe conditions, unsafe act, or near miss on our factory for to promote the culture of health and safety in the work environment.

Air monitoring

Environmental monitoring begins, first quarter of 2023, and environmental monitoring will continue until the end of March 2023 to cover three months of the quarter. Workplace noise and stack monitoring completed for Q1.2023.





Health, Safety and Environment



Regular Visits

Ministry of Labor visited our factory related occupational health and safety. During the visit, issues related to occupational health and safety were discussed :-

- First aid boxes checked and followed up.
- (AMC) Maintenance contract for the fire system and fire extinguishing
- Personal equipment (PPE's) is available for the staff.
- Health and safety program for industrial facilities
- Annual accident report sends to Ministry of Labor
- Serious accident report sends to Ministry of Labor
- Induction safety
- Training related health and safety
- First Aid training for employees

Banners

Leaflets about manual lifting are installed in several locations in the work environment to promote health and safety behaviors and practices in the work environment.

**Safety is as simple as ABC...!!
Always Be Careful....**

