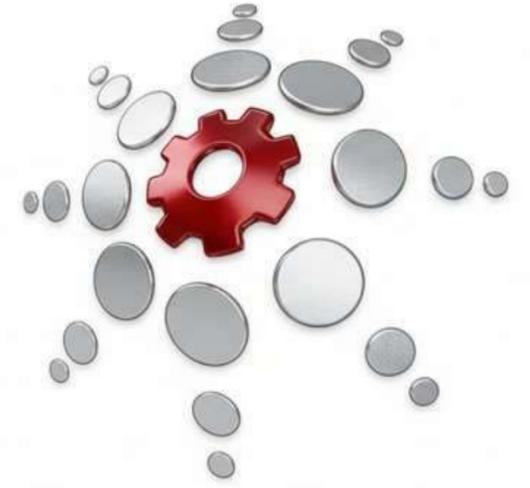




YALEEN
Company For Steel
شركة يلين للحديد



Steel Solutions. Stronger Futures.

WHO WE ARE



Since its establishment in 2016 in Riyadh, **YALEEN COMPANY FOR STEEL** has grown into a leading Saudi manufacturer of steel abrasives. Thanks to its advanced production lines and integrated infrastructure, the company has become a major supplier to vital sectors, providing highly efficient and high-quality solutions. This reflects its strong commitment to industrial excellence and its role in supporting the Kingdom's aspirations for an advanced and sustainable industrial environment.

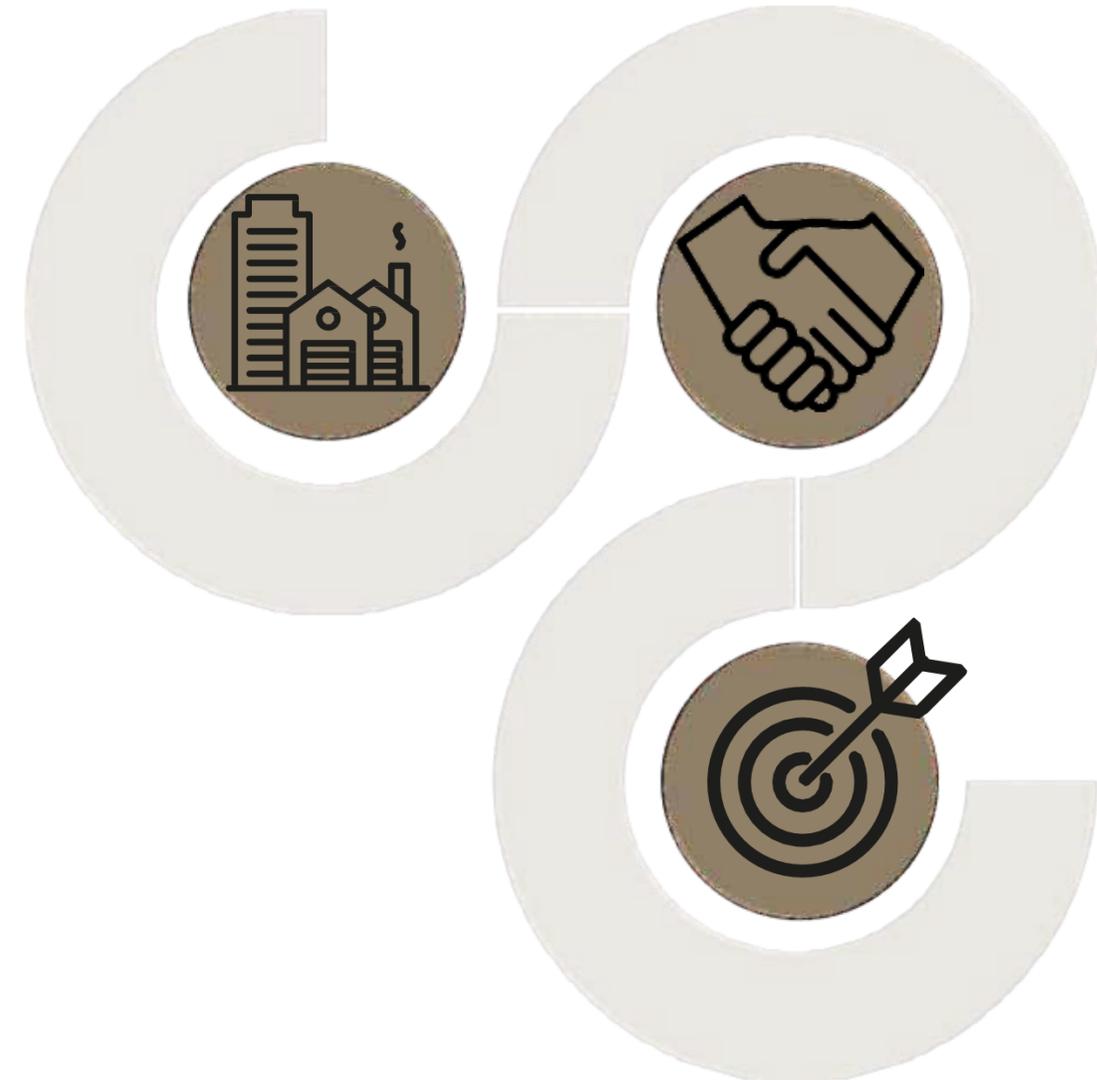


GOALS AND OBJECTIVES

YALEEN
Company For Steel
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- 01** Lead the Steel Abrasives Market by delivering high-quality steel shots and grits across local and international markets.
- 02** Enhance Production & Efficiency through continuous improvement, innovation, and strict quality control.
- 03** Build Strong Customer Relationships with reliable service, timely delivery, and a commitment to safety and sustainability.



STRATEGIES

01

Planning

Develop detailed production and resource plans to meet market demand while ensuring cost efficiency and on-time delivery.

02

Competitive

Strengthen our market position by offering consistent quality, flexible packaging, and competitive pricing to outperform rivals.

03

Analysis

Regularly analyze customer requirements, market trends, and raw material costs to make data-driven decisions.

04

Execution

Implement efficient manufacturing processes with strict quality control, focusing on safety, technology upgrades, and OEE improvement.

05

Growth

Expand production capacity, develop new product grades, and enter new regional and international markets.





OUR PRODUCTS



STEEL SHOTS



STEEL GRITS



PROFILIUM GRITS



GRANITE CUTTING GRITS



STEEL SHOT

STEEL GRIT

SAE NO	Actual size	Noml. size mm	Tolerances	screen number	mm
S-780		2.00	All pass no. 85% Min. on no. 97% Min. on no.	7 screen 10 screen 12 screen	2.80 2.00 1.70
S-660		1.68	All pass no. 85% Min. on no. 97% Min. on no.	8 screen 12 screen 14 screen	2.36 1.70 1.40
S-550		1.41	All pass no. 85% Min. on no. 97% Min. on no.	10 screen 14 screen 16 screen	2.00 1.40 1.18
S-460		1.19	All pass no. 5% Max. on no. 85% Min. on no. 96% Min. on no.	10 screen 12 screen 16 screen 18 screen	2.00 1.70 1.18 1.00
S-390		1.00	All pass no. 5% Max. on no. 85% Min. on no. 96% Min. on no.	12 screen 14 screen 18 screen 20 screen	1.70 1.40 1.00 0.85
S-330		0.84	All pass no. 5% Max. on no. 85% Min. on no. 96% Min. on no.	14 screen 16 screen 20 screen 25 screen	1.40 1.18 0.85 0.71
S-280		0.71	All pass no. 5% Max. on no. 85% Min. on no. 96% Min. on no.	16 screen 18 screen 25 screen 30 screen	1.18 1.00 0.71 0.60
S-230		0.60	All pass no. 10% Max. on no. 85% Min. on no. 97% Min. on no.	18 screen 20 screen 30 screen 35 screen	1.00 0.85 0.60 0.50
S-170		0.42	All pass no. 10% Max. on no. 85% Min. on no. 97% Min. on no.	20 screen 25 screen 40 screen 45 screen	0.85 0.71 0.43 0.36
S-110		0.30	All pass no. 10% Max. on no. 80% Min. on no. 90% Min. on no.	30 screen 35 screen 50 screen 80 screen	0.60 0.50 0.30 0.18
S-70		0.20	All pass no. 10% Max. on no. 80% Min. on no. 90% Min. on no.	40 screen 45 screen 80 screen 120 screen	0.43 0.36 0.18 0.13

SAE NO.	Actual size	Noml. size mm	Tolerances	screen number	mm
G-14		1.41	All pass no. 80% Min. on no. 90% Min. on no.	10 screen 14 screen 16 screen	2.00 1.40 1.18
G-16		1.19	All pass no. 75% Min. on no. 85% Min. on no.	12 screen 16 screen 18 screen	1.70 1.18 1.00
G-18		1.00	All pass no. 75% Min. on no. 85% Min. on no.	14 screen 18 screen 25 screen	1.40 1.00 0.71
G-25		0.71	All pass no. 70% Min. on no. 80% Min. on no.	16 screen 25 screen 40 screen	1.18 0.71 0.43
G-40		0.42	All pass no. 70% Max. on no. 80% Min. on no.	18 screen 40 screen 50 screen	1.00 0.43 0.30
G-50		0.30	All pass no. 65% Max. on no. 75% Min. on no.	25 screen 50 screen 80 screen	0.71 0.30 0.18
G-80		0.20	All pass no. 65% Max. on no. 75% Min. on no.	40 screen 80 screen 120 screen	0.43 0.18 0.13

CHEMICAL ANALYSIS

Carbon : 0.80 - 1.20%
Manganese : 0.60 - 1.20%
silicon ; 0.40 % min

Sulfur : 0.05% max
phosphourus : 0.05 % max

SPECIFICATIONS

SHOT
Micro structure : tempered martinsite
Density : 7 g / cm³ min
Hardness : 40 - 51 HRC
Shape : Spherical

GRIT
tempered/ uniform martinsite
7.3 g / cm³ min
GS 40-51 HRC / GM 47-56 HRC
GL 54-61 HRC / GH 60 HRC min
Shape : Angular

STEEL GRITS SPECIFICATION



Steel Grits

high-quality angular steel abrasive produced by crushing steel shots into sharp-edged particles. The angular shape provides aggressive cleaning action, making it ideal for removing tough contaminants and creating a rough profile on metal surfaces for better coating adhesion.

ABRASIVE	Steel Grits
Shape	Angular
Chemical Composition	C: 0.8-1.2%
	Mn: 0.6-1.2%
	Si: >0.4%
	S: <0.05%
Hardness	P: <0.05%
	GS: 40-51 HRC
	GM: 47-56 HRC
	GL: 54-61 HRC
Density	GH: >60 HRC
	>7.3 g/cm ³
Microstructure X 500	Tempered Martensite

Sieve #	7	8	10	12	14	16	18	20	25	30	35	40	45	50	80	120	200
mm	2.8	2.36	2.0	1.7	1.4	1.18	1.0	0.85	0.71	0.6	0.5	0.42	0.35	0.3	0.18	0.12	0.07
G12	AP	<20		>85	<97												
G14		AP	<10		>80	>90											
G16			AP	<10		>80	>90										
G18				AP	<30		>85	>97									
G25					AP	<40			>85	>95							
G40						AP	<20				>90	>96					
G50								AP	<10				>80	>90			
G80											AP	<20			>75	>90	
G120													AP	<10		>50	>80

PRECISION TESTING FOR QUALITY ASSURANCE

- Equipped with Spectrometer, Vickers Hardness Tester, Sieve Analysis Equipment, Sample Mounting Machine, and other precision instruments.
- Conducts chemical composition, hardness, and particle size analysis to meet international quality standards.
- Supports continuous quality control from raw materials to finished products.
- Provides accurate, reliable, and repeatable results to ensure customer trust and product excellence.



Our Scope of Work

Metal Industries Sector

Preparation of various metal surfaces before coating or forming, ensuring high quality in the final product.



Construction Sector

Preparation and treatment of concrete and steel structures to enhance durability and readiness for finishing processes.



Stone and Marble Industries Sector

Cutting and polishing granite and natural stones with high precision for premium architectural finishes.



Energy Sector

Processing of pipes, valves, oil & gas tanks, and power plants to ensure high resistance to corrosion and rust.



Marine Industries Sector

Cleaning and maintenance of ships, offshore platforms, and steel structures to withstand harsh environmental conditions.

Our Scope of Work



Automotive and Heavy Equipment Sector

Processing and preparing vehicle bodies and heavy industrial equipment to withstand mechanical and environmental factors.



High-Tech Industries Sector

Processing and preparing advanced industrial components with durability against mechanical and environmental stresses.

Our Industrial Methodology: Precision in Every Detail

Careful Selection of Raw Materials

We start from the right foundation by using high-quality steel that complies with international standards, ensuring durable products and sustainable efficiency.

Fully Integrated and Automated Production

We utilize modern, fully automated production lines that enable us to maintain consistent sizing, uniform shapes, and precise details in every batch.



Quality Testing at Every Stage

Beyond manufacturing, we rely on specialized laboratories to conduct rigorous quality tests, including:

Chemical analysis to ensure compliance with specifications.

Hardness testing to measure strength and density.

Abrasion resistance tests to ensure long product lifespan.

Meticulous Packaging and Finishing

We pay great attention to packaging and surface treatment, delivering products ready for direct use without the need for additional processing.

Our Products

STEEL SHOTS

- ✿ - Fine spherical steel particles used in surface cleaning and preparation (shot blasting).
- ✿ - They ensure the removal of impurities and rust, preparing the surface for painting or industrial coating.
Applications: Automotive industry, bridge preparation, ship maintenance, oil & gas pipelines, and all types of steel castings.

STEEL GRITS

- ✿ - High-hardness abrasive materials available in multiple sizes.
- ✿ - Effective in removing coatings and rust, enabling deep cleaning, and providing the required surface roughness before recoating.
Applications: Offshore oil platforms, marine equipment, and various steel structures and surfaces.



SHOOT PEENING MEDIA

- Special abrasives used to strengthen metallic surfaces through the Shot Peening process.
- They enhance resistance to cracking and fatigue, extending the lifespan of metallic components.

Applications: Aircraft components, automotive parts, gears, springs, and heavy equipment exposed to repeated mechanical stress.

PROFILUM GRITS

- Abrasive materials designed to control surface roughness with high precision.

Applications: Defense industries, aerospace sector, renewable energy.

GRANITE CUTTING GRITS

- Specialized abrasives for precise cutting of granite and hard stones.

Applications: Marble factories, luxury construction projects, and interior & exterior finishing works.

A True Partnership...

From Consultation to After-Sales

Understanding Needs: We begin with a thorough understanding of your requirements and challenges to propose the best solution for your projects.

Flexibility in Special Orders: We manufacture according to precise specifications tailored to each client's needs, ensuring perfectly suited solutions.

Quality Assurance: Every product undergoes strict, multi-stage testing before leaving the factory.

Fast Delivery: With an efficient logistics network covering Saudi Arabia and the GCC, we guarantee on-time delivery.

After-Sales Support: Our role doesn't end at delivery, we provide technical support whenever needed to ensure you gain maximum value from our products.



Why Yaleen Steel?

Specialized and diversified products suitable for all applications.

Strong local presence with a global vision for expansion.

Technical and consulting services to support clients in decision-making.

Full compliance with sustainability standards.

Flexible production capabilities that meet all project requirements.

Speed and flexibility in handling requests, far exceeding competitors.

Strict commitment to quality and timelines that sets us apart from competitors.



Cerificates

intertek
Total Quality. Assured.

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

YALEEN COMPANY FOR STEEL

Main Site: BUILDING NUMBER 2851,
SECONDARY NUMBER 6347,
HAWTAT SUDAIR, AL AZIZIYAH DIST,
POSTAL CODE: 15332,
KINGDOM OF SAUDI ARABIA

has been registered by Intertek as conforming to the requirements of:

ISO 9001:2015

The management system is applicable to:

Manufacturing of steel shot and grit

Certificate Number:
0171264

Initial Certification Date:
01 April 2024

Date of Certification Decision:
01 April 2024

Issuing Date:
01 April 2024

Valid Until:
31 March 2027




Calin Moldovean
President, Business Assurance

Intertek Certification Limited, 10A Victory Park,
Victory Road, Derby DE24 8ZF, United Kingdom

Intertek Certification Limited is a UKAS
accredited body under schedule of
accreditation no. 014.

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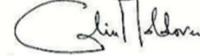
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HAWTAT SUDAIR, AL AZIZIYAH DIST,
POSTAL CODE: 15332,
KINGDOM OF SAUDI ARABIA

has been registered by Intertek as conforming to the requirements of:

ISO 45001:2018

The management system is applicable to:

Manufacturing of steel shot and grit

Certificate Number:
0171268

Initial Certification Date:
01 April 2024

Date of Certification Decision:
01 April 2024

Issuing Date:
01 April 2024

Valid Until:
31 March 2027




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We pay great attention to packaging and surface treatment, delivering products ready for direct use without the need for additional processing.

A decorative background on the left side of the page. It features a vertical black bar on the far left. To its right, a white background is filled with various metallic-looking circles and gears of different sizes and shades of gray. A prominent red gear is positioned in the center-left area. A diagonal white bar with a slight gradient runs from the top right towards the bottom center, separating the decorative area from the contact information.

CONTACT US

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 <https://yaleensteel.com.sa/>

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