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steel CONSTRUCTION

STEEL AWARDS 2026



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The Southern African Institute of Steel Construction (SAISC) has tirelessly served the industry since its inception in 1956. Our mission is to promote the use of steel in construction and contribute to the health and wealth of the industry for the good of all role players. We are respected as an institute for our authority, technical knowledge, and position as the voice, champion and custodian of the steel construction sector.

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Cover Photo
UJ Rescue Simulation Centre

Table of Contents

steel AWARDS 2026

WINNERS & COMMENDATIONS


OVERALL WINNER
Pages 28–30


PAN AFRICAN EXPORT
Pages 35–36


ARCHITECTURAL
Pages 40–43


COMMERCIAL AND RETAIL
Pages 47–50


FACTORY AND WAREHOUSE
Pages 53–54

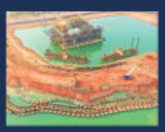

INDUSTRIAL
Pages 58–59


INFRASTRUCTURE AND LOGISTICS
Pages 61–62

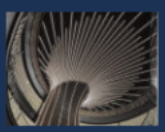

INNOVATION AND SUSTAINABILITY
Pages 67–68


LIGHT STEEL FRAME (LSF)
Pages 70–71


METAL CLADDING AND ROOFING
Pages 74–75


MINING
Pages 79–80


TUBULAR STEEL
Pages 85–89


ALL PROJECT ENTRIES A–Z
Pages 97–114

SPONSOR FEATURES

UNICA IRON & STEEL
Pages 24–26

BOLT AND ENGINEERING DISTRIBUTORS (B.E.D.)
Pages 31–33

MATERIAL QUALITY CERTIFICATION PROGRAMME
Pages 37–38

STEWARTS & LLOYDS
Pages 44–45

BSi STEEL
Page 51

NJR STEEL
Pages 55–56

SAFAL STEEL
Pages 63–65

CLOTAN STEEL
Page 72

MACSTEEL SERVICE CENTRES SA
Pages 76–77

ASTPM
Pages 82–83

CREDEQ AFRICA
Page 87

ARCELORMITTAL SOUTH AFRICA
Page 92

FEATURES

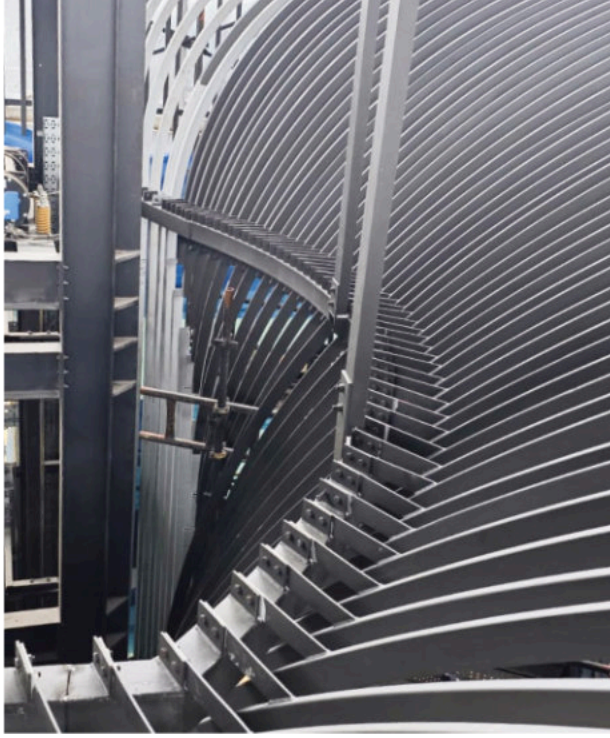
MEET OUR JUDGES
Pages 4–6
Meet the experts who decided this year's Steel Awards winners.

PAST, PRESENT AND FUTURE
Pages 7–23
The SAISC turns 70 this year, and this section follows its story across three chapters.

STORIES BEHIND THE STRUCTURES
Pages 90–93
One family's journey from farm labour to farm ownership, now framed in steel.

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DINING

MEET OUR JUDGES

The Steel Awards are one of the industry's most respected platforms for celebrating excellence in steel construction. They recognise projects, teams and organisations that demonstrate innovation, quality, technical excellence and the effective use of steel across a wide range of sectors.

To keep the evaluation balanced, the SAISC assembled a panel of respected professionals from across the built environment. Registered engineers, architects, technical specialists and industry leaders brought expertise in structural engineering, architecture, infrastructure, industrial projects, light steel frame construction, roofing and cladding, and material quality assurance. Their combined qualifications and experience ensured that every project was assessed fairly, rigorously and from multiple professional perspectives.

SAISC extends its sincere appreciation to the judges for their time, expertise and commitment to recognising excellence in the steel construction industry.

SPENCER ERLING



Spencer is widely regarded as one of the most respected figures in the South African steel construction industry.

A Professional Engineer (Pr Eng) and former SAISC Education Director, he has dedicated decades to advancing technical excellence, industry education and professional development. His contribution has helped shape generations of engineers and steel professionals. With extensive expertise in steel design, fabrication and construction, he remains a leading authority in the sector and brought that depth of knowledge to the judging panel.



CUAN LYNES

Cuan Lynes is a Senior Structural Design Engineer at DRA Global and a professionally qualified structural engineer with extensive experience in the delivery of complex industrial, mining and infrastructure projects. His technical expertise, combined with significant multidisciplinary project experience, provided valuable insight into engineering excellence, constructability and project execution.



DANEEL STRYDOM

Daneel Strydom is Principal Structural Engineer and Lead Structural Engineer at BIGEN Group, with more than 26 years of consulting engineering experience. His expertise spans structural steel, reinforced and prestressed concrete, masonry and timber across a diverse range of sectors. Having led numerous multidisciplinary projects throughout his career, Daneel brought extensive technical knowledge, practical insight and a broad understanding of structural engineering excellence to the judging process.

A PANEL OF RESPECTED PROFESSIONALS FROM ACROSS THE BUILT ENVIRONMENT.



FRANCO MORDINI

Franco Mordini is a respected industry leader and Director of the Material Quality Certification Programme (MQCP). With decades of experience in steel construction, quality assurance and industry development, he is widely recognised for his contribution to promoting quality standards, traceability and compliance within the steel supply chain. His expertise provided an important perspective on material performance, certification and industry best practice.



PREN MOODLEY

Pren Moodley is a Structural Engineer at ROMH and a specialist bridge and structural engineer who has contributed to some of South Africa's most complex bridge and infrastructure projects. His expertise lies in performance-driven structural design, constructability and engineering efficiency, balancing innovation with practical buildability. Passionate about advancing the steel construction industry through collaboration and technical excellence, Pren brought valuable insight into the evaluation of projects that demonstrate innovation, quality, sustainability and meaningful industry impact.

ENGINEERS, ARCHITECTS, TECHNICAL SPECIALISTS AND INDUSTRY LEADERS.



DANIEL STRUWIG

Daniel Struwig is a Technical Specialist at Zutari and a qualified structural engineer with extensive experience in engineering design and technical problem-solving. His expertise in structural engineering, design optimisation and innovative project solutions enabled him to assess projects from both a technical and practical implementation perspective.



EMMA LOUBSER

Emma Loubser's connection with the SAISC began during her undergraduate and postgraduate structural engineering studies at Stellenbosch University and has continued throughout her professional career. She has specialised in steel design for diamond mining marine vessels and currently serves as a Solutions Architect in Data Automation, supporting the mining and engineering sectors. Combining technical engineering knowledge with a passion for innovation and industry development, Emma brought a unique perspective to evaluating projects that demonstrate both engineering excellence and creative application of steel.



ANNA-MARIE SASSENBERG

Anna-Marie Sassenberg is a Professional Engineering Technologist, Construction Project Manager and founder of AMS Consultants. With more than four decades of experience spanning civil and structural engineering, infrastructure development, construction project management and commercial development, she has built a distinguished career as both an engineering professional and business leader. Anna-Marie has served on the Engineering Council of South Africa (ECSA) Council, the Council for the Built Environment (CBE), and currently serves on the Mangaung Municipal Development Tribunal. She is also a longstanding member of the SASFA Technical Committee, contributing to the development and promotion of South African standards for light steel frame construction. Her extensive technical, governance and project delivery experience brought a valuable perspective to the judging process.

EVERY PROJECT WAS ASSESSED FAIRLY, RIGOROUSLY AND FROM MULTIPLE PROFESSIONAL PERSPECTIVES.



RAINER STRAUSSNER

Rainer Straussner is a semi-retired independent consultant and non-executive director specialising in board governance and strategic leadership. A qualified engineer with a Master's degree in Engineering and a Certified Director through the Institute of Directors South Africa (IoDSA), Rainer combines technical expertise with extensive executive and governance experience. He spent 14 years of his executive career within the roofing and cladding industry and continues to serve as a trusted technical advisor to the sector. His unique blend of engineering, industry and governance expertise provided valuable insight into quality, innovation and project excellence.



JOHN CARTER

John Carter is Director of Bespoke Architects and a registered professional architect with extensive experience in the design and delivery of commercial, residential and mixed-use developments. His portfolio reflects a strong focus on design excellence, functionality and the integration of innovative construction solutions. John's architectural perspective enabled him to assess not only technical achievement, but also the creativity, aesthetic impact and architectural expression that define exceptional steel projects.

PAST PRESENT FUTURE

The Southern African Institute of Steel Construction turns 70 this year, and this section follows its story across three chapters.

Past honours the people who built the foundations. Hennie de Clercq's story shows how knowledge, standards and training turned a small institute into an industry voice, and Spencer Erling's lifetime in steel shows how experience passes from one generation to the next.

Present, through SAISC Chairwoman Nicolette Skjoldhammer, sees an industry more capable than it believes, where resilience must now lead to growth, collaboration and the transfer of hard-won knowledge.

Future, through SAISC CEO Amanuel Gebremeskel, sets out the next chapter, built on quality through the Material Quality Certification Programme, renewed skills and training, closer industry connection and a stronger African focus.



Building an Institute

A STORY OF STEEL, KNOWLEDGE AND THE PEOPLE BEHIND IT



Speakers at the SAISC symposium. From left to right: Prof Alan Kemp (University of the Witwatersrand), Cyril Herr (Chairman, SAISC), Hans Coetzee (Managing Director, Iscor), Dr Hennie de Clercq (Director, SAISC) and Cliff McMillan (Ove Arup and Partners).

In January 1976, Hennie de Clercq arrived at Iscor's headquarters in Pretoria to discover that nobody appeared entirely certain what they wanted him to do.

The broad ambition was simple enough. South Africa needed to build more structures in steel rather than concrete, as was increasingly happening in countries such as the United States and Britain.

"Perhaps I could do something about that?" he later recalled.

That deceptively simple question would lead Hennie into a relationship with the Southern African Institute of Steel Construction that would span decades — and place him at the centre of some of the initiatives that helped shape the Institute we know today.

Putting the Institute on the map

After several months at Iscor, a new possibility emerged.

The South African Institute of Steel Construction was, at the time, a very small organisation. Hennie would later describe it rather candidly as being "on the boundary between life and death".

Its activities were limited, but the opportunity was significant: could the Institute become something more? Hennie agreed to see what he could achieve.

PROMOTING STEEL WAS NOT ENOUGH.

One of his first projects was the development of the Structural Steel Tables / Struktuurstaaltabelle, bringing together technical information on the steel products available in South Africa.

For the first time, engineers had a locally produced



Dr Hennie de Clercq, Executive Director of SAISC, with Prof Robert Driver and Prof Alan Kemp (Wits).

reference containing information about steel products available in the country. It quickly found its way onto desks throughout the engineering and steel industries.

It also demonstrated something that would become fundamental to SAISC's role: promoting steel was not enough. If the industry wanted engineers, architects and clients to use steel with confidence, they needed access to credible technical knowledge.

That philosophy became a foundation on which much of the Institute's work would be built.



Dr Hennie de Clercq at the German steel advisory centre.

Building knowledge — and capability

The next challenge was to create a broader knowledge base.

A technical library was established with Ruth Burnton, the first woman in South Africa to obtain a civil engineering degree and who also held a qualification in library science. The collection became a resource used by engineers not simply for access to publications, but for the interpretation, explanation and technical guidance surrounding them.

Education followed naturally.

Hennie began presenting continuing education courses for practising engineers and technicians and lectured at universities around the country, including postgraduate courses in steel structures.

Over time, this commitment to technical knowledge expanded substantially.

Publications including the Steel Construction Handbook, widely known as the Red Book, and Structural Steel Connections, the Green Book, became familiar working references within the profession. SAISC also contributed to the development of standards and codes relating to structural steel construction.



From left to right: Mr and Mrs N. Dekker, Prof and Mrs A. Kemp, Mr and Mrs O. Sheard, Mr and Mrs A.H.H. Olley and Mr and Mrs H. Lemmer.

Training broadened too — from structural concepts and design to codes, construction, maintenance and specialist applications.

The principle behind it remained remarkably consistent: if the Institute wanted to grow the market for steel, it first had to grow the industry's ability to use steel well.

Taking South African steel to the world

Hennie also believed strongly in looking beyond South Africa.

Relationships were developed with steel institutes, engineers, academics and industry leaders internationally. Knowledge moved in both directions: SAISC could learn from developments elsewhere while ensuring that South African expertise remained part of the international steel conversation.

One of the most significant expressions of that ambition came in 1982.

To mark the Institute's 25th anniversary, SAISC hosted Steel 25, an international conference that brought leading speakers from around the world to South Africa.

Hennie remembered it simply as "an incredible success". It would not be the last.

Steel 50 followed in 2006, bringing together 48 speakers from around the world, while SteelFuture in 2013 coincided with a meeting of the International Steel Construction Group.

For an Institute serving a comparatively small national market, those relationships mattered. They exposed the local industry to new ideas, technologies and approaches — while demonstrating that South African steel construction had knowledge and experience worth sharing internationally.

Making excellence visible

If technical knowledge helped build capability, the Steel Awards gave the industry a platform on which to demonstrate what that capability could achieve.

What began as a comparatively modest celebration developed over time into one of SAISC's most recognisable programmes.

The objective was straightforward: identify exceptional steel projects and celebrate the engineers, architects, detailers, fabricators, contractors and clients behind them.

But there was another philosophy at work.

The Awards themselves had to aspire to the same standard of excellence they celebrated.

Each year brought the challenge of making the event more imaginative, memorable and impactful than before. The investment required grew with that ambition, but so did the stature of the Awards.

They became more than an industry dinner. They became an annual showcase of what was possible when engineering, craftsmanship, innovation and imagination came together in steel.

Seventy years into SAISC's story, that purpose remains unchanged.

THE AWARDS THEMSELVES HAD TO ASPIRE TO THE SAME STANDARD OF EXCELLENCE THEY CELEBRATED.

An Institute that could help create an industry

Perhaps one of the clearest examples of SAISC's wider role came through the development of light steel frame construction in South Africa.

Following international exposure to the technology, the Institute began exploring how it could be introduced locally.



Dr Hennie de Clercq with Kobus de Beer on the boom of the container crane DSE built at Durban port.

The challenge was not simply convincing the market to adopt something new. An emerging construction method needed technical credibility, regulatory acceptance, trained professionals and installers — and ultimately mechanisms capable of protecting quality.

Working with John Barnard, technical guidelines were developed and acceptance obtained from the National Home Builders Registration Council. Growing industry



A light steel frame house under construction.

interest ultimately led to the establishment of the Southern African Light Steel Frame Building Association under the SAISC umbrella.

Training programmes followed for architects, engineers, decision-makers and contractors, initially supported by specialist expertise from Australia and the United States.

But an important lesson emerged as the sector grew.

Innovation can create opportunity. Growth can create a market. But without competence, standards and mechanisms to protect quality, growth can also undermine confidence.

It is a lesson that resonates strongly with the industry today.

More than a technical institute

By the time Hennie returned to lead SAISC in 2000, the Institute had evolved considerably.

Its publications and technical resources were established. Training had become an important part of its work. The Steel Awards had grown in stature. Its network reached across engineering, fabrication, academia, government and international industry organisations.

SAISC increasingly became something else too: an independent industry voice.

As other sources of specialist steel-industry commentary diminished, journalists increasingly turned to the Institute for insight into market conditions, legislation, technology and developments affecting the sector.

The organisation that had once been searching for a role had become many things simultaneously: a technical authority, educator, knowledge centre, standards contributor, industry convener, promoter of steel and advocate for excellence.

Honouring the past. Building for the future.

Seventy years provides an opportunity to celebrate achievements, projects and personalities.

But history is most valuable when it tells us something about what comes next.

Looking back at SAISC's development, a remarkably consistent pattern emerges.

Build knowledge. Raise capability. Connect people. Support technical excellence. Recognise outstanding achievement. Protect the credibility of steel construction.

The technologies change. Markets change. Companies and people change. The challenges confronting the industry change.

FOR 70 YEARS, SAISC HAS HELPED BUILD MORE THAN STEEL STRUCTURES.

The underlying responsibility does not.

Today, questions surrounding material quality and traceability, technical competence, skills development and confidence in the steel value chain are again central to the future of the industry.

Seen through the lens of SAISC's history, the renewed emphasis on these issues is therefore not a departure from the Institute's traditional role.

It is a continuation of it.

For 70 years, SAISC has helped build more than steel structures.

It has helped build the structures around steel construction — the knowledge, standards, skills, relationships and platforms that allow an industry to perform at its best.

Hennie de Clercq and the many people who built those foundations could not have known exactly what the industry of 2026 would look like.

But much of what they believed it needed still holds true.

And perhaps that is the most important legacy of all.

The next generation does not have to start again. It has something strong to build from.

THE INSTITUTE'S FIRST CHAPTERS

1976
Hennie arrives at Iscor in Pretoria

1982
Steel 25 International Conference

2000
Hennie returns to lead SAISC

2006
Steel 50
48 speakers from around the world

2013
SteelFuture

The Measure of Excellence

SPENCER ERLING AND A LIFETIME IN STEEL



Few people have had the opportunity to understand the Southern African steel construction industry from as many perspectives as Spencer Erling.

As SAISC celebrates 70 years, Spencer Erling's almost six-decade relationship with the Institute and the structural steel industry has been recognised with Honorary Membership – celebrating a remarkable career spanning engineering, fabrication, education, leadership and service.

Over almost six decades, his career has encompassed engineering, fabrication, contracting, technical education, industry leadership and advisory work. His contribution to the Southern African Institute of Steel Construction has been equally broad, extending from technical and managerial involvement to training, publications and the development of the Institute itself.

Today, that depth of experience continues through his involvement in the SAISC Steel Awards judging process.

A relationship spanning six decades

Spencer's first encounter with SAISC came in 1966 when, as a final-year civil engineering student at the University of the Witwatersrand, he and his classmates received complimentary copies of the Institute's Safe Load Tables – the familiar "Blue Book".

At the time, it represented state-of-the-art structural steel information in South Africa and supported the BS 449 design specification the students were using.

Two years later, while employed by Dorman Long Africa as a design engineer in training, Spencer was sent to SAISC's offices in the old SEIFSA House. There he met McHalfie Clark, an engineer who ran the Institute on a part-time basis, and completed the design of a trapezoidal box footbridge in response to an enquiry received by SAISC.

It was an early encounter in a relationship with the Institute that would eventually span 60 years.

Spencer joined his family business, The Speedy Welders, in 1969. A decade later, encouraged – or, as Spencer remembers it, "coerced" – by Highveld Steel marketing director and active SAISC member Rob Herbertson, Speedy became an SAISC fabricator member.

It was during these years that Hennie de Clercq first encountered Spencer.

Spencer was still in his early thirties but had already established himself as a leader in the steel construction industry. The two developed a friendship and professional relationship that would continue through different chapters of their careers.

They worked together on industry initiatives and later on structural steel projects before their paths eventually converged again at SAISC.

By the early 1980s, Spencer had been elected to the SAISC committee. He subsequently became Secretary of the Board, Chairman of the Finance Committee and, from October 1987 to October 1989, Chairman of the SAISC Board.

His relationship with the Institute was steadily becoming part of the fabric of his career.

Built in steel

At the same time, Spencer was building a formidable career in structural steel.

During his years at Speedy Welders, from 1969 to 1989, his work ranged from mining infrastructure and equipment to major commercial developments.

Between 1970 and 1976, Speedy supplied steelwork and managed subcontractors responsible for its erection during the expansion of the Sishen iron ore mine, supporting both the Iscor Newcastle works and the Sishen-Saldanha export project. Together, the work amounted to approximately 7,000 tonnes of steel.

There were buntons for gold mines, mine enrichment projects, shaft-sinking equipment, headgears, man-cages and conveyor structures, as well as steelwork for developments including various stages of Sun City, Thaba'Nchu Sun and Mmabatho Sun.

In 1989, Spencer moved to Girder Naco, beginning another significant chapter.

The projects became increasingly ambitious. Girder Naco supplied the roof steelwork for Montecasino and, over the course of the 1990s, delivered 27 export projects to Israel, including multi-storey steel-framed buildings reaching as high as 27 floors.

As Spencer puts it, "Girder Naco changed the skyline in Tel Aviv."

Closer to home came four container-handling cranes for Durban Port, incorporating shop-welded components up to 50 m long and weighing as much as 50 tonnes per piece, with erection lifts exceeding 100 tonnes.

There was the curved double-deck girder forming the backbone of the Duck Pond End grandstand at the Port Elizabeth cricket ground, and a seven-storey steel-framed building in Benoni incorporating a steel core designed with assistance from John Duncan.



Spencer Erling presenting a SAISC course.

OPPOSITE: Spencer Erling (Speedy Welders), Prof Alan Kemp (University of the Witwatersrand) and C.A. Culverwell (Huck S.A.).

But one project stands apart in Spencer's memory.

At what was then Johannesburg International Airport, now OR Tambo International Airport, his team undertook two remarkable steelwork projects.

The first involved landside corridors and sloping bridges associated with extensions to the airport.

Double-deck gantries weighing up to 100 tonnes were assembled approximately a kilometre from their final positions, transported to site and lowered into place without heavy-duty craneage at their final location.

The second involved approximately 200 tonnes of steelwork for three triangular departure-lounge extensions. Again, the structures were assembled roughly a kilometre away before being transported to their final positions during tightly controlled overnight operations between 22:00 and 05:00.

Of the many projects in his career, Spencer describes this as the one of which he remains most proud.

Coming home to SAISC

When Hennie returned as Director of the Institute in 2000, he believed SAISC needed additional industry experience and credibility if it was to strengthen its position within the steel construction and engineering communities.

In his recollection, the solution was clear: he needed to persuade Spencer Erling to join the Institute.

There was some irony in this.

At the time, Spencer was Chairman of SAISC's Finance Committee and had himself helped organise the process that brought Hennie back to lead the Institute.

In 2001, Spencer was approached several times by Gary Drummond about joining SAISC as Education Director.

His initial response was straightforward: he was a steelwork contractor. Thanks, but no thanks.

Then, during a sleepless night in August that year, another thought occurred to him: why not?

Following an interview with Gary – memorably held in a pub at the then Johannesburg International Airport – the roles were reversed. Hennie employed Spencer.



At the back: Don, John, Paolo Trinchero, Dirk (SABS), Tommy, Steve, Don, Albert, Hennie de Clercq, Spencer Erling. Seated: Bruce, Roy, Prof Peter and Prof Johan (Stellenbosch University), Allen (Wits University), John Swallow.

Spencer joined SAISC on 11 October 2001 and remained with the Institute until 31 May 2016, fulfilling responsibilities spanning education, finance and technical leadership.

It was a decision that would prove significant.

Hennie credits Spencer and the wider team that subsequently developed around the Institute with helping SAISC build greater stature, both in South Africa and among the international steel construction organisations with which it engaged.

A large part of Spencer's value lay in the breadth of his experience.

His knowledge extended beyond engineering design to encompass steel as a material, detailing, fabrication, erection and maintenance, together with the financial, contractual and legal considerations influencing successful project delivery.

It gave him an unusually complete view of the industry.

While many professionals develop considerable expertise within a particular discipline, Spencer understood how the different parts of the steel construction process affected one another.

Hennie recalls that this made him a trusted source of advice for people across the industry, whether they were dealing with a problem or simply needed an experienced perspective against which to test an idea.

Equally important was Spencer's ability to communicate that knowledge. He could consider a subject analytically and practically, and explain complex technical or commercial matters in a way that others could understand and apply.

Knowledge that multiplies

That ability became an important part of Spencer's contribution to SAISC.

During his years with the Institute, he wrote dozens of articles for Steel Construction, co-authored later editions of the Red Book and Connections Book – the Green Book – and led the team responsible for the Measurement Handbook, known as the Purple Book.

He developed and delivered an estimating and management course and created a programme aimed at converting unskilled workers into semi-skilled boilermakers.

Then came one of the initiatives that would have an impact far beyond the walls of SAISC.

At the instruction of the SAISC Board, Spencer developed a training programme for structural steel detailers and helped establish a training school to implement it.

The programme subsequently received recognition from international sister institutes, while many of its graduates went on to hold senior positions in the steel construction industry across international markets

It represents something fundamental to Spencer's contribution: knowledge was not something simply to accumulate. It was something to pass on.

Throughout his time at SAISC, he also helped countless members navigate design and contractual issues, providing the practical perspective that comes only from having experienced the different sides of a project.

Hennie remembers that even an informal coffee between the two could result in them returning to the office with another idea for something the Institute should be doing.

Recognising excellence in steel

For 13 years, Spencer was responsible for running the SAISC Steel Awards programme, contributing to an initiative that has become an important platform for recognising achievement within the Southern African steel construction industry.

Today his involvement continues through the judging process as mentor, where his experience across engineering, fabrication, contracting and technical education provides a valuable perspective.

Having worked across the steel construction value chain, Spencer understands the decisions and challenges that shape a project, from initial design and material selection through to fabrication, constructability and erection.

That breadth of experience is particularly relevant to the Steel Awards, where excellence is not necessarily defined by the scale or visual impact of a structure, but also by the engineering, craftsmanship, innovation and problem-solving behind its successful delivery.

His continued involvement reflects a principle that has characterised much of his career: recognising technical achievement while creating opportunities for industry knowledge and experience to be shared.

Six decades of change

Spencer has also had a front-row seat to almost 60 years of change within the industry.

He began his engineering career working in imperial units before South Africa's transition to the metric system. He has seen design codes evolve alongside a greater understanding of how steel behaves structurally, while commonly used steel strengths progressed from 240 MPa to 300 MPa and 350 MPa.

Perhaps the most profound transformation has been digitisation.

Design, detailing, cutting, drilling, welding and component control have all been transformed by computers, automation and digital systems.

The structure of the industry itself has changed too.

Spencer has witnessed the disappearance of major names such as Wright Anderson, Dorman Long and Genrec; changes to South Africa's steelmaking capacity; the rise of mini-mills producing steel largely from recycled material; increasing reliance on imported steel; and the challenges created by international competition.

At the same time, he points to the remarkable capability of South Africa's mid-sized fabricators, which increasingly undertake the work once associated with the industry's biggest players.

Now another transformation is beginning. The full impact of artificial intelligence on the industry, as Spencer observes, is still to be understood.

The steel industry of the future will continue to change. New technologies, design tools, materials and construction methods will alter how projects are conceived and delivered. The next generation will inevitably find different solutions to many of the challenges the industry faces today.

What should remain, however, is the ability to understand the material, respect the craft, consider the entire construction process and ensure that knowledge continues to move from one generation to the next.

A lifetime in steel, formally recognised

As SAISC celebrates its 70th anniversary, Spencer's contribution highlights something less tangible but equally important to the future of the industry.

Technical knowledge can be documented through codes, standards, textbooks, drawings and calculations.

Experience is more difficult to preserve.

It accumulates through projects, successes, mistakes, difficult decisions and years spent understanding how design, fabrication and construction interact. It develops an instinct for where problems are likely to emerge, which questions need to be asked and whether a proposed solution will work beyond the drawing board.

Industries depend on that knowledge being transferred.

For decades, Spencer has done exactly that.

Hennie's own tribute perhaps captures this contribution most personally. Looking back over his career, he describes Spencer as the colleague with whom he shared his closest and most productive professional relationship.

He remembers not only Spencer's knowledge and ability, but his loyalty, empathy and willingness to step in when others needed support.

There is a fitting symmetry to Spencer's relationship with SAISC. In 1966, as a final-year civil engineering student at Wits, Spencer received a complimentary copy of the Institute's Blue Book. Sixty years later, in SAISC's 70th year, Spencer Erling remains part of its story – still sharing his knowledge, still contributing his experience and still helping the Institute recognise excellence in steel.

At the 2026 Steel Awards, SAISC had the opportunity to turn that appreciation into formal recognition.

Spencer Erling was conferred Honorary Membership of the Southern African Institute of Steel Construction, recognising his extraordinary contribution to SAISC and to the Southern African structural steel industry over a career spanning almost six decades.

It recognises more than longevity.

It recognises a career spent designing and delivering steel structures; helping develop the industry; strengthening the Institute; educating and supporting generations of professionals; sharing hard-earned knowledge; and championing excellence in steel construction.

Perhaps most fittingly, that recognition took place at an event Spencer himself ran for 13 years and continues to serve as a judge.

For SAISC, celebrating 70 years is inevitably an opportunity to look back at the structures, organisations and milestones that have shaped its history.

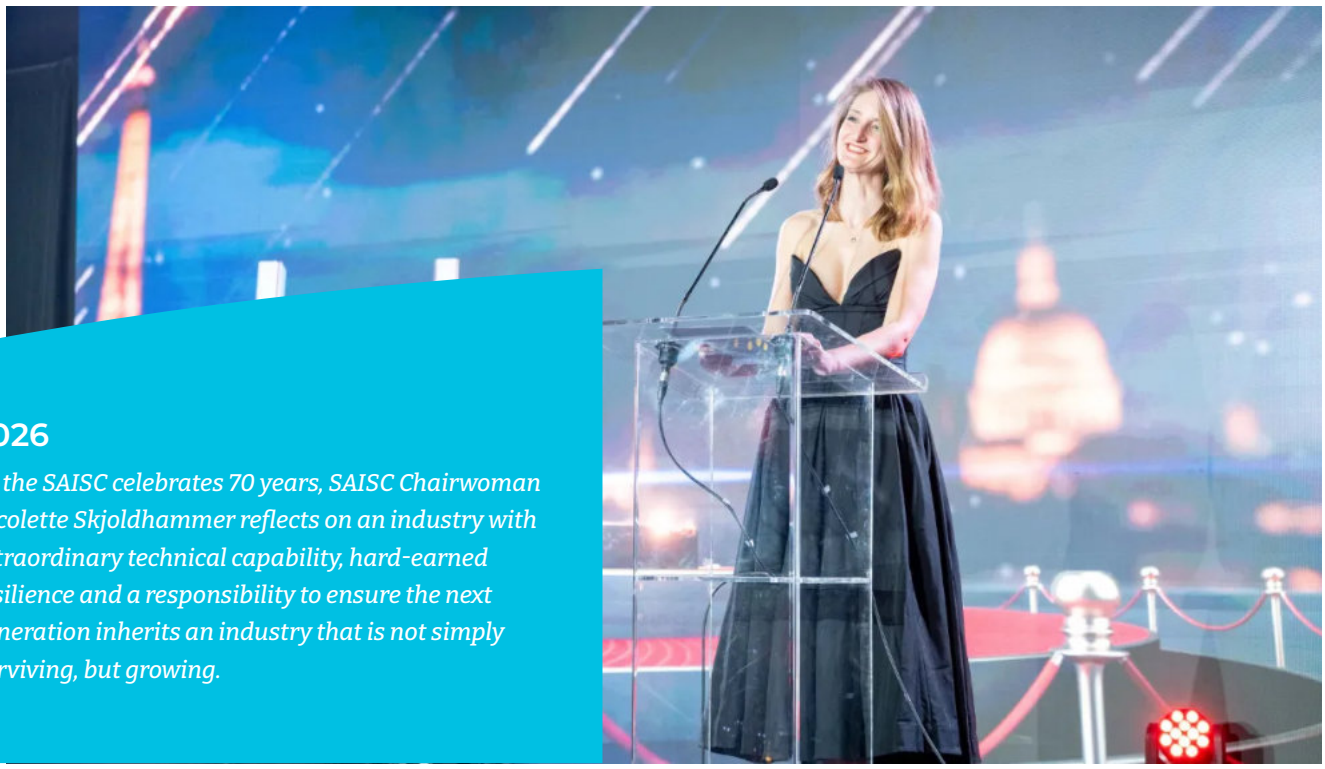
But institutions are also built by people.

For almost 60 of those 70 years, in one capacity or another, Spencer Erling has been part of the SAISC story.

His Honorary Membership recognises an exceptional contribution to that story – and a lifetime in steel.

From Resilience to Growth

BUILDING THE NEXT CHAPTER OF SOUTH AFRICAN STEEL



2026

As the SAISC celebrates 70 years, SAISC Chairwoman Nicolette Skjoldhammer reflects on an industry with extraordinary technical capability, hard-earned resilience and a responsibility to ensure the next generation inherits an industry that is not simply surviving, but growing.

Nicolette Skjoldhammer, SAISC Chairwoman, delivering her speech on stage at the Steel Awards 2025.

Seventy years is long enough to build a formidable legacy. For Nicolette Skjoldhammer, Chairwoman of the Southern African Institute of Steel Construction (SAISC), the more important question is what the industry chooses to do with it.

As SAISC marks its 70th anniversary in 2026, Skjoldhammer believes there are elements of the Institute's history that must remain non-negotiable: its technical credibility, independence and ability to bring an extraordinarily diverse industry together.

"For 70 years, the Institute has been a place where technical knowledge, industry experience and a genuine commitment to steel construction come together," she says.

"As we evolve, we need to make sure we don't lose that technical foundation or our independence. At the same time, SAISC needs to remain relevant to the commercial realities facing its members. We are ultimately here to support a strong, sustainable steel construction industry."

Some fundamentals do not change

The industry SAISC serves today would be almost unrecognisable to the engineers and fabricators who established the Institute seven decades ago. Digital design, sophisticated modelling and analysis tools, automation and increasingly complex structures have transformed what can be conceived and delivered in steel.

Yet Skjoldhammer argues that the fundamentals of successful steel construction have changed remarkably little.

"You still need good engineering, practical thinking, skilled people and pride in what you produce."

For her, one of the most important relationships to preserve is the connection between engineering and fabrication.

"You can design almost anything on a computer today, but somebody still has to work out how to manufacture it, transport it and put it together. Some of the most valuable knowledge in our industry sits with the people who understand both sides of that equation."

That practical intelligence is one of the South African steel industry's greatest assets — and one that Skjoldhammer believes is sometimes underestimated.

We are better than we think

South African steel companies have operated through an exceptionally difficult period, facing pressure from imports, constrained local demand, changing supply conditions and an operating environment that often differs substantially from that of their international competitors.

Yet South African engineers and fabricators continue to execute technically complex work at home, across Africa and internationally.

"I think we underestimate just how good we are," Skjoldhammer says.

"South African engineers and fabricators regularly solve extremely complex problems, often with fewer resources than their international competitors. We manufacture sophisticated structures and equipment, work to international standards and execute projects throughout Africa and further abroad.

"Sometimes we look internationally for capability that already exists here. We should be much more confident about what our industry can design and manufacture locally."

That confidence, however, should not be confused with complacency.

South African companies have repeatedly demonstrated an extraordinary ability to adapt to difficult circumstances. Skjoldhammer believes that resilience is real, but warns against allowing it to become an excuse for accepting conditions that prevent capable businesses from investing and expanding.

"We are resilient because we have had to be. But I also think we need to be careful not to romanticise resilience. An industry cannot survive indefinitely simply because its businesses are good at surviving difficult conditions.

"We need an environment in which capable South African companies can actually grow and invest."



LYCOPODIUM MODULAR PLANT. Winner of the Mining category at the Steel Awards 2025.

It is a distinction that goes to the heart of the challenge facing the industry: moving from celebrating its ability to endure towards creating the conditions in which it can grow.

"I WOULD HOPE THEY COULD SAY THAT WE STOPPED MANAGING THE DECLINE OF THE INDUSTRY AND STARTED BUILDING IT AGAIN."

The Steel Awards show another side of the industry

For Skjoldhammer, the annual Steel Awards provide an important counterpoint to a steel narrative that can easily become dominated by declining volumes, imports, plant closures and economic uncertainty.

Those challenges matter, she says, but they are not the whole story.

"The Steel Awards are one of the best demonstrations of what our industry can actually do."

Across the projects entered in 2026, she sees evidence of an industry still solving difficult problems and pushing technical and creative boundaries.

"When you look at the projects entered into the Awards, you see innovation, excellent engineering, difficult fabrication, architectural ambition and companies finding clever ways to solve problems."

The value of recognising those projects extends beyond celebrating the teams responsible for them. The Awards allow the industry to see its own capability reflected back at it.

"I want people in our industry to look at those projects and think, if they can do that, what can we do next?"

Collaboration has to happen where it matters

Unlocking more of that capability will require greater collaboration across a steel construction value chain that spans producers, merchants, engineers, architects, detailers, fabricators, contractors, clients and many other disciplines.

But Skjoldhammer is clear that meaningful collaboration is not simply about bringing more people into meetings.

"It means involving the right people early enough for their knowledge to make a difference."

A fabricator can influence constructability and cost. Merchants understand material availability and lead times. Engineers and architects make decisions affecting material efficiency long before a project reaches procurement or fabrication.

Too often, however, these disciplines are brought into the process after critical decisions have already been made.

"Real collaboration is not another industry meeting. It is sharing information, understanding each other's constraints and making decisions that improve the outcome of the whole project rather than optimising one small part of it."

This is an area in which SAISC has a particular responsibility.

As one of the organisations positioned across the steel construction value chain, the Institute can provide a neutral platform where different parts of the sector engage — but Skjoldhammer believes its responsibility must extend beyond facilitating conversation.

"Our role should be to create the spaces where those conversations happen, but also to turn them into practical outcomes — technical guidance, training, advocacy, industry data and stronger relationships between the different parts of the sector."

That role sometimes requires confronting difficult issues rather than avoiding them.

"Collaboration does not mean everyone agreeing. Sometimes the most valuable role SAISC can play is getting the right people into a room and addressing the issues that are preventing the industry from moving forward."

An industry worth joining

Perhaps the most important measure of the industry being built today will be what is eventually handed to the generation that follows. Skjoldhammer's ambition for younger engineers, fabricators and steel professionals is deceptively simple.

"I would like them to inherit an industry that is worth joining."

That means maintaining strong technical standards while building an industry that is innovative, commercially sustainable and capable of offering meaningful long-term careers. It also means addressing one of the

sector's most significant risks: the loss of practical knowledge accumulated over decades.

"There is an enormous amount of experience sitting with engineers, boilermakers, welders, detailers, supervisors and business leaders who have spent decades solving problems. We need to make sure that knowledge is transferred rather than lost."

"WE SHOULD BE PROUD OF WHAT THE SOUTH AFRICAN STEEL INDUSTRY HAS BUILT OVER THE LAST 70 YEARS, BUT WE SHOULD BE EVEN MORE INTERESTED IN WHAT WE ARE CAPABLE OF BUILDING NEXT."

The challenge therefore extends beyond attracting new people. It is about creating the mechanisms through which experience, judgement and practical problem-solving capability are passed from one generation to another — while allowing the next generation to combine that knowledge with new technologies and new ways of working.

From managing decline to building again

If SAISC reaches its centenary in 2056, Skjoldhammer knows what she hopes that generation will say about the decisions being made today.

"I would hope they could say that we stopped managing the decline of the industry and started building it again."

For her, that would mean recognising and developing the capability already present in South Africa, protecting skills, embracing new technology and creating a competitive local steel value chain.

It would also require moving localisation beyond rhetoric.

"I would hope they could say that we made localisation meaningful — not simply as a policy or a box to tick, but because South Africa understood the economic value of manufacturing locally, developing skills locally and keeping those capabilities within the country."

Success would ultimately be visible in the industry itself.

"If, at SAISC's 100th anniversary, we have a larger, more technologically advanced and globally competitive downstream steel industry than we have today, I think this generation will have done something worthwhile."

What will we build next?

For an organisation celebrating seven decades of history, Skjoldhammer's focus remains firmly forward.

"Seventy years is something worth celebrating, but I think the more important question is what we do with the next thirty."

The capability already exists. The challenge is to protect it, develop it and create sufficient opportunity for it to grow.

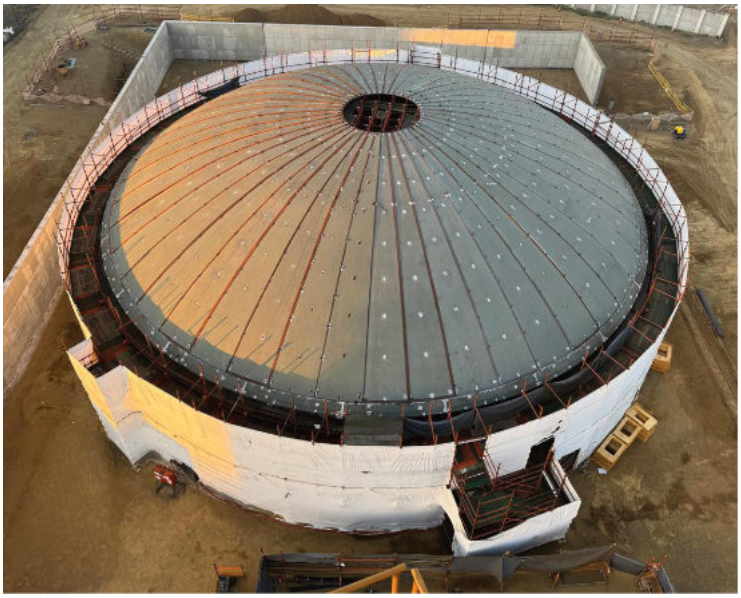
And that cannot be achieved by any single part of the steel industry acting alone.

"That requires all of us — producers, merchants, engineers, fabricators, contractors, clients and government — to recognise that we are part of the same value chain. If one part becomes unsustainable, eventually the consequences reach everyone."

For SAISC, entering its eighth decade therefore represents more than preserving an institution or celebrating what the industry has achieved. It is an opportunity to help build what comes next.

"I would like the next chapter of SAISC to be ambitious," Skjoldhammer says.

"We should be proud of what the South African steel industry has built over the last 70 years, but we should be even more interested in what we are capable of building next."



SASOL-WOOD CF 2. Overall Winner and Industrial category winner at the Steel Awards 2025.

Building the Next 70 Years

As the Southern African Institute of Steel Construction celebrates its 70th anniversary, CEO Amanuel Gebremeskel reflects on a steel industry undergoing fundamental change and why quality, skills, industry connection and a stronger African focus will shape SAISC's next chapter.

For Amanuel Gebremeskel, CEO of the Southern African Institute of Steel Construction, the forces driving that change are both domestic and international.

Globally, geopolitical shifts, wars and changing trade relationships are reshaping the international economic environment. For South African steel companies, the practical consequences are already being felt through increasing tariffs and other barriers in export markets, alongside intense competition from international suppliers entering the domestic market.

At home, the industry is changing too. The closure of a major traditional ore-based mill, the emergence of secondary domestic steel mills and investment in large ore-based mills in neighbouring countries are altering the regional supply landscape.

At the same time, growing geopolitical competition for African resources is creating a complex combination of opportunity and risk. Expanding mining and infrastructure investment across the continent presents significant potential for South African steel companies, but those projects are also attracting industries closely aligned with major global economic powers.

For SAISC, navigating this new environment requires something broader than responding to individual crises as they emerge.

Resilience requires a holistic approach

One of the clearest lessons from the past year is that the sustainability of the steel industry cannot be addressed through tariffs or isolated interventions alone.

A carefully calibrated and holistic trade policy is increasingly important as South Africa's upstream steel sector undergoes fundamental transition.

This means considering the steel value chain as a whole.

Short-term trade interventions intended to protect or encourage local mills can have unintended consequences if they increase input costs and make downstream fabricators and manufacturers less competitive in international markets.

Long-term competitiveness also depends on fundamentals that extend well beyond trade protection. Reliable and reasonably priced electricity, efficient transport networks and effective cross-border infrastructure all have a significant influence on the ability of South African steel companies to compete.

The objective, therefore, must be to safeguard the country's strong steel supply, fabrication and construction capability while the upstream sector evolves.



The past year has represented one of the most significant periods of transformation for South Africa's steel industry in recent memory.

Quality as a foundation for competitiveness

SAISC is also looking beyond immediate industry pressures towards the systems that can strengthen the sector over the longer term.

One of the most important developments during 2026 has been the establishment of the Material Quality Certification Programme (MQCP).

The programme has three central objectives: ensuring the supply of high-quality structural steel into safety-critical applications; helping new entrants to the steel supply market understand the complex requirements of engineers and project owners; and providing greater assurance to local and international investors that South Africa remains capable of supplying competitive, high-quality steel products into critical projects.

Independent verification of quality is already an established part of project delivery in many advanced international markets.

For Southern African companies competing for major infrastructure, mining and industrial projects, demonstrating quality and traceability can therefore become an important part of maintaining competitiveness and accessing higher-value opportunities.

But the ambition behind MQCP extends beyond certification.

SAISC also wants the programme to send a clear signal throughout the market that poor-quality steel should not be accepted within the industry.

There are already indications that the establishment of MQCP is encouraging suppliers to examine and improve their manufacturing and traceability processes.

QUALITY INFRASTRUCTURE ALONE WILL NOT SECURE THE FUTURE OF THE SECTOR. THE INDUSTRY ALSO NEEDS PEOPLE.

The longer-term vision is international as well as domestic. SAISC has been engaging with sister institutes around the world to identify opportunities for greater alignment and collaboration in areas including technical specifications, education, awareness and marketing.

Rebuilding the industry's skills pipeline

Quality infrastructure alone will not secure the future of the sector. The industry also needs people.

South Africa continues to have one of Africa's most complex and diversified steel industries, but it faces a challenge shared by many mature markets: maintaining a consistent pipeline of skilled tradespeople, project managers and industry leaders.

Years of under-investment in training, combined with changing workforce dynamics and rapid developments in technology, trade and project requirements, are increasing the pressure.

SAISC sees rebuilding technical education and industry training as a critical part of its future role.

The Institute plans to continue working with government, universities and training centres to strengthen the industry's training ecosystem, building on initiatives already undertaken with academic and government partners.

These include the establishment of the fire research centre at Stellenbosch University in partnership with the Department of Trade, Industry and Competition (the dtic), postgraduate education at the University of the Witwatersrand and support for student projects at the University of Pretoria.

One area identified for renewed attention is the SAISC drafting school.

Historically, graduates from the programme developed skills that were valued well beyond South Africa's borders. Re-establishing this capability represents an opportunity not only to address an immediate industry need, but also to rebuild one of SAISC's important educational contributions.

Bringing the industry back together

Technical knowledge and training remain fundamental to SAISC, but 2026 has also seen a deliberate change in how the Institute engages with the people it represents.

In an increasingly digital environment — one now also shaped by AI-generated communication — SAISC believes there remains considerable value in creating opportunities for people to interact directly.

During the year, the Institute reoriented its industry engagement strategy towards stronger personal connection.

SEVENTY YEARS AFTER ITS ESTABLISHMENT, THE INSTITUTE IS CONSIDERING NOT ONLY HOW IT REMAINS RELEVANT TO SOUTH AFRICA'S STEEL CONSTRUCTION INDUSTRY, BUT ALSO THE ROLE IT CAN PLAY ACROSS THE AFRICAN CONTINENT.

Regional breakfasts, webinars, Q&A sessions, technical engagements and the Steel Awards have created different platforms through which members and the wider industry can exchange knowledge, raise concerns and reconnect.

The response from industry has reinforced the value of that approach.

This renewed emphasis on engagement is also connected to a broader question: what should SAISC membership deliver in the years ahead?

The Institute intends to expand both the communities it serves and the services available to members.

This includes greater engagement with specialist steel industries that have historically had limited representation within SAISC, including areas such as racking and equipment manufacturing.

Members can also expect increasing focus on services that respond directly to the commercial environment in which they operate, including stronger exposure to policymakers and initiatives supporting export opportunities.

From Southern Africa to a continental opportunity

Perhaps the biggest shift in SAISC's long-term thinking is geographic.

Seventy years after its establishment, the Institute is considering not only how it remains relevant to South Africa's steel construction industry, but also the role it can play across the African continent.

That opportunity reflects the reality of SAISC's membership. South African companies already supply steel structures to projects throughout Africa. At the same time, increasing regional economic integration and the African Continental Free Trade Area are creating opportunities that extend beyond exports into investment and manufacturing.

SAISC therefore sees scope for its own services to evolve alongside the geographic ambitions of its members.

This could include greater involvement in standards development alongside the African Organisation for Standardisation (ARSO), quality assurance through MQCP and expanded technical training.

The underlying objective is not simply geographical expansion. It is to apply the technical knowledge, institutional experience and industry networks built over seven decades in ways that support a stronger African steel sector.

Building on 70 years

SAISC's 70th anniversary inevitably provides an opportunity to look backwards. But the more important question may be what the Institute chooses to do with that legacy.

The steel industry SAISC serves today is very different from the one that existed when the Institute was established. Global trade is changing. Supply chains are shifting.

Technology is transforming the skills required by industry. Quality expectations are increasing, and the economic centre of gravity for many South African companies is increasingly extending across the continent.

SAISC's response is therefore also evolving: strengthening quality assurance, rebuilding skills and training, creating stronger connections between industry participants, expanding the value offered to members and developing a more deliberate African outlook.

None of that would be possible without the community that has sustained the Institute for seven decades.

As SAISC marks this milestone, Gebremeskel pays tribute to the members and South African and international partners who have contributed to its work and made its services possible over the past 70 years.

The challenge now is to take that legacy forward — building on the technical foundations established over seven decades to help create a vibrant, effective steel sector capable of quite literally building the African continent.

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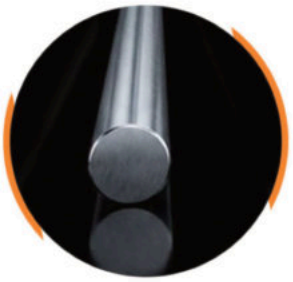
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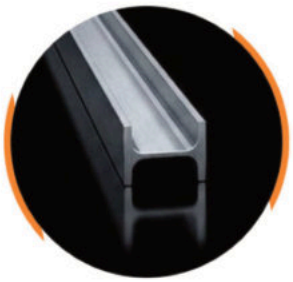
RAILS



SQUARE BARS



ROUND BARS



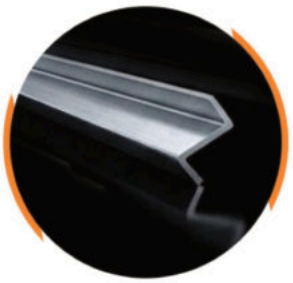
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Rebuilding South Africa's Steel Manufacturing Base

WHY LOCAL PRODUCTION MATTERS

MQCP FOUNDING MEMBER
Certification in progress

A strong steel industry depends on every part of the value chain working together. Manufacturers, merchants, fabricators, engineers, project owners and industry bodies all have a role to play in strengthening the sector.

For Unica Iron & Steel, Main Sponsor of the SAISC Steel Awards 2026, that starts with local manufacturing, supported by consistent quality, investment, traceability and collaboration.

Its commitment goes beyond sponsorship. During 2026, Unica participated in the SAISC Steel Forward regional breakfast series, sharing a manufacturer's perspective directly with the wider steel community. The company is also among the early participants in SAISC's developing Material Quality Certification Programme.

> "A COMPETITIVE LOCAL STEEL INDUSTRY IS ESSENTIAL TO DELIVERING THE COUNTRY'S LONG-TERM INFRASTRUCTURE AND ECONOMIC AMBITIONS."

This involvement reflects an important reality for the South African steel sector. Building a stronger industry requires companies to actively participate in its development.

Local manufacturing supports a much bigger picture

Steel supports many of the sectors South Africa depends on for economic development, including construction, mining, energy, transport, manufacturing and infrastructure.

Unica believes a strong domestic manufacturing base has an impact far beyond the steel industry itself.

Local production transforms raw and scrap materials into higher value products, supports employment throughout the value chain and strengthens the country's ability to meet its own infrastructure requirements.

It can also reduce reliance on imported steel and improve supply chain resilience, which has become increasingly important in a market exposed to global volatility.

As Unica explains, "A competitive local steel industry is essential to delivering the country's long-term infrastructure and economic ambitions."

Maintaining that capability, however, is becoming increasingly difficult.

Manufacturing under pressure

South African steel manufacturers continue to contend with rising electricity costs, fuel and transport pressures, subdued domestic demand and competition resulting from global overcapacity and subsidised imports.

These challenges do not affect manufacturers alone. When domestic production becomes less competitive, the impact is felt throughout the steel value chain.

For Unica, maintaining a viable manufacturing base requires supportive industrial policy and stable operating conditions, together with continued investment by manufacturers in efficiency and innovation.

Collaboration across the industry is equally important.

Manufacturers, merchants, fabricators, engineers, clients and government all influence the environment in which local steel operates. Better alignment across the value chain can improve security of supply, shorten lead times, encourage investment and strengthen confidence in locally manufactured products.

Quality starts at the manufacturing stage

One of the most important foundations of a sustainable local steel industry is quality at the point of manufacture.

Steel is ultimately used in buildings, bridges, power stations, mines and industrial infrastructure where structural performance and reliability cannot be compromised.

Quality therefore starts long before fabrication or erection.

Mechanical properties, chemical composition, dimensional tolerances and product specifications all need to be consistently controlled and verified.

For engineers and fabricators, this means looking beyond whether steel is simply available. The correct grades and applicable standards should be specified, Mill Test Certificates should be verified, appropriate quality management and production controls should be in place, and material should be traceable through the supply chain.

This is also why Unica's early participation in the SAISC MQCP quality programme is important.

> "QUALITY STEEL IS NOT SIMPLY A MATERIAL. IT IS THE FOUNDATION UPON WHICH WORLD-CLASS INFRASTRUCTURE IS BUILT."

The programme aims to strengthen confidence in material quality and traceability across the structural steel supply chain. Having manufacturers actively participate helps turn the industry conversation around quality into practical action.

Investing in the future of manufacturing

Quality manufacturing continues to evolve.

Unica points to process automation, predictive maintenance, high efficiency furnaces, real time rolling tolerance monitoring and enhanced traceability systems as some of the technologies helping manufacturers improve productivity, consistency and transparency.

The increased use of recycled materials, energy efficient equipment and stronger supplier partnerships is also contributing to a more efficient and sustainable manufacturing environment.

Technology is only one part of the industry's future.

The next generation entering steel will work in a sector increasingly influenced by automation, digitalisation and sustainability. Unica believes its success will continue to depend on integrity, technical excellence, innovation, collaboration and continuous learning.

Creating opportunities for established industry leaders to share their experience with emerging professionals is therefore increasingly valuable.

Initiatives such as SAISC's Steel Forward series, technical programmes and industry events provide opportunities for different parts of the steel value chain to meet, exchange knowledge and better understand the challenges facing the wider industry.

Celebrating excellence and raising standards

This same thinking is reflected in the SAISC Steel Awards 2026. For 70 years, SAISC has worked alongside the Southern African steel industry to promote technical excellence, knowledge and the possibilities of steel. The Steel Awards recognise the projects, companies and people demonstrating what the industry can achieve.

As Main Sponsor of Steel Awards 2026, Unica sees recognition as more than celebrating exceptional projects. It is also an opportunity to encourage higher standards across the industry.

The projects showcased through the Awards demonstrate what can be achieved when engineering expertise, manufacturing quality, fabrication, innovation and collaboration work together.

Unica's involvement across SAISC initiatives reflects this wider commitment. The company manufactures locally, participates in the industry's quality initiatives, shares its experience through industry platforms and supports the recognition of excellence.

Each contributes to the same goal of building a South African steel industry that can produce with confidence, compete effectively and continue supporting the country's future development.

"Quality steel is not simply a material. It is the foundation upon which world-class infrastructure is built."

SAISC thanks Unica Iron & Steel for its active participation in the industry and its support as Main Sponsor of the SAISC Steel Awards 2026.

steel AWARDS 2026

WINNERS

Seventy years of knowledge, standards and training built the foundations this industry stands on, and the people who laid them are still part of every project recognised here.

This year's winners show an industry that is capable, resilient and growing. Their projects span the Overall Winner, Pan African Export, Architectural, Commercial and Retail, Factory and Warehouse, Industrial, Infrastructure and Logistics, Innovation and Sustainability, Light Steel Frame, Metal Cladding and Roofing, Mining, and Tubular Steel.

They also point to what comes next. Quality, skills and stronger connections across Africa will shape the next chapter.

Past, present and future meet in the work of this year's winners.

SOUTHERN AFRICAN INSTITUTE OF STEEL CONSTRUCTION
70
ESTABLISHED 1956

Overall Winner

UNIVERSITY OF JOHANNESBURG - RESCUE SIMULATION CENTRE



PROJECT TEAM

Nominator
EDS ENGINEERING DESIGN SERVICES

Main Contractor
P-WISE PROJECTS

Architect
IMPENDULO DESIGN ARCHITECTS

Structural Engineer
EDS ENGINEERING DESIGN SERVICES

Steelwork Contractor
CHURCHYARD & UMPLEBY CONSTRUCTION

Steel Detailer
CHURCHYARD & UMPLEBY CONSTRUCTION

Steel Merchants
MACSTEEL SERVICE CENTRES SA, ALLIED STEELRODE, STEWARTS & LLOYDS

Cladding Manufacturer
GLOBAL ROOFING SOLUTIONS

Cladding Roll Former
GLOBAL ROOFING SOLUTIONS

Cladding Contractors
CHARTWELL ROOFING, GAP

Paintwork Contractor
PLASCON KANSAI

The University of Johannesburg's Rescue Simulation Centre won the Architectural category and was then named Overall Winner of the Steel Awards 2026. The judges chose it almost unanimously for the top award, and two words explained why: sustainability and technical excellence.

Most buildings are designed to stay as they are. This one was designed to be climbed, reconfigured and used to the full. Set on UJ's Doornfontein Campus, the Centre is a full-size teaching aid for every kind of rescue student, from undergraduates and postgraduates to professional rescue personnel upgrading their skills. It is believed to be the first facility in the Southern Hemisphere to combine helicopter crane rescue, wave pool training, trench and confined-space simulation, and wind and rain simulation under one roof. The judges also pointed to its part in the area's urban renewal.

SCAN FOR FULL PROJECT DETAILS
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Designed for the way it is used

The structure is a hybrid, and each level followed the demands placed on it. Reinforced concrete below, piled to approximately 6 m, dealt with the high water table and the pool, with a Venetron waterproofing system on the pool walls and foundations. Steel took over above, because the brief called for cantilevers, demountable connections and integrated anchor points that a concrete upper structure could not have provided.

The portal frame gave the facility as much usable operational space as possible, and integrated fixing points supported rope access training. The perimeter walkways could be reconfigured for different scenarios, because the steel handrails and platforms were bolted and designed to be removed. The same connections made it possible to bring in large training equipment nobody planned for.

Steel's light weight made the cantilever walkway system possible. It reduced the load on the concrete frame and foundations and kept the use of concrete to a minimum. Grating replaced plated floors on all walkways and platforms, so water could not pond in the wet simulation environment.

Sustainability, the judges' first word for the Centre, ran through the structure. Steel reduced the building's total loading, which resulted in a smaller carbon footprint. It also kept the building adaptable, so platforms and access points can be modified as rescue training requirements evolve.

The structure used 75.9 tonnes of steel. It combined square hollow sections, I-beams, H-beams, angles and plate with cold-formed lipped channels, grating and removable steel handrails.

"The UJ Rescue Centre is truly a unique building that stands out on the campus," says Dylan Hart, project engineer at EDS Engineering Design Services.

Engineering that fitted the brief

For the Overall Winner decision, the judges looked closely at the engineering. They said the design engineers showed a real understanding of what the Centre needed and how it behaved, and they highlighted the crane. Its double box beam bridge was rated for a maximum load of 4 tonnes. That specific rating allowed the Department of Labour and the other authorities to permit students to work under the crane with a load on the hook, an arrangement that is normally prohibited.

EDS designed the runway beams from the crane manufacturer's load data, across 128 load combinations, because no South African design code covers a human-rated crane in a training facility. The beams were not a standard I-beam with a channel on top. Angles were welded to the toes of the flanges to resist transverse horizontal forces, and they were space welded. Fatigue did not govern, because the crane made only 1,000 to 2,000 passes a year, very few at full capacity. The judges saw the simplicity of the beam end details as further proof of that understanding.

Elsewhere, the continuity of the steelwork was used for cost-effective benefit. A C5-rated paint system from Plascon Kansai protected the steel in the very humid environment. Colour coding showed where it was safe to attach rescue equipment.







Built through five demanding years

Construction began in October 2020, during the COVID-19 pandemic. Restrictions and limited productivity caused early delays. Midway through, the original main contractor was replaced after falling 120 days behind programme. The steelwork was complete in September 2023 and the full project in November 2025.

A structural survey then found tolerance issues in the concrete frame, including a rotation of 160 mm on one side, which was corrected progressively as the structure rose. The professional team combined concrete remedial work with adaptive changes to the steelwork, with no deviation from the original design intent.

EDS Engineering Design Services shared its Tekla 3D structural model with Churchyard & Umpleby, which streamlined the shop drawings and fabrication. Given the distance to Johannesburg, careful planning ensured the steel arrived in batches that matched the erection sequence.

A single tower crane, positioned to serve the whole footprint, erected it. Steel's speed of erection shortened the lay-down period and helped the programme.

The building was clad with 3,798 m² of cladding. Klip-Tite™ 700 roof sheeting and Nu-Rib 762 side cladding in Chromadek® galvanised steel were finished with expanded aluminium panels on the perimeter walkway.

The human-rated crane brought the last hurdle. Part of the roof stayed open, weatherproofed with temporary sheeting, until the crane was installed. The permanent roof was then completed to specification. Certification took more than 18 months of engagement with the Department of Labour, SAPS and a specialist certification company, and ran until 2025. Full functionality was ultimately achieved.

Rescue work depends on being ready for the unexpected, and so did this building.



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Bolt and Engineering Distributors Group (B.E.D.)

OVER 25 YEARS' MEMBERSHIP OF THE SAISC AND WHAT IT MEANS TO GIVE BACK TO THE STEEL SECTOR

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Bolt and Engineering Distributors Group (B.E.D.) has been a member and recurring sponsor of the Southern African Institute of Steel Construction (SAISC) for more than 25 years: a relationship which mirrors, in many ways, the Institute's own enduring commitment to the South African steel sector. As the SAISC marks its 70th anniversary this year, B.E.D. CEO Mike Giltrow reflects on what the Institute's longevity means, and what the company seeks to give back through its long-standing membership and sponsorship.

A milestone worth celebrating

Seventy years is a remarkable achievement for any institution, and all the more so in the context of South Africa's complex economic and industrial history. "Anyone that has managed to keep something going in South Africa for 70 years deserves recognition," says Giltrow. "There have always been people in the background, on the committees, quietly keeping the whole thing going."

For B.E.D. - a company that has itself navigated more than four decades of South African industry - the SAISC's staying power resonates deeply. Steel runs deeply through everything the company does: from the fasteners and welding equipment it supplies, to the bearings and PPE – all of which keep steel construction projects moving safely. "If you take the steel out of South Africa, you take out the common thread which connects everything we do," Giltrow observes. "In our case, we are connected even more directly through bolting and welding."

What over 25 years of membership has delivered

B.E.D.'s long membership of the SAISC has yielded practical as well as strategic value. The Institute has provided advance insight into industry developments and challenges, access to training initiatives and the standing which comes from associating with a long-standing industry body which holds its members to a recognised standard.

"When companies we deal with overseas know that we are SAISC members, this adds credibility," says Giltrow. "It signals that we are being kept to a certain guideline, that we are a company of ethical reputation, culture and tradition." The relationship has also evolved alongside B.E.D. itself: as the company has grown its branch network, deepened its product specialisation and expanded its export division, the SAISC has remained a constant point of connection to the broader steel supply chain and its stakeholders.

Giving back to the sector

For B.E.D., membership and sponsorship are not passive commitments. The company's sponsorship of the Pan African Export category at the Steel Awards (now in its

third consecutive year) is a tangible expression of B.E.D.'s belief in recognising and celebrating excellence across the continent.

Beyond the annual Steel Awards, B.E.D. has extended an open invitation to the SAISC to incorporate practical, hands-on exposure to fastener manufacturing, welding and robotics into its training programmes: giving students a practical demonstration of - and connection between - theory and industry reality. "We would like to see more interaction and more networking," says Giltrow. "The stronger the SAISC's membership network is, the better it is for everybody, and we would encourage members to consider supporting one another wherever they can."

As the SAISC enters its next 70 years, B.E.D. looks forward to a deeper and more active role in the Institute's life, and to continuing to put its money, and its expertise, where its values are.

steel SOUTHERN AFRICAN INSTITUTE OF STEEL CONSTRUCTION

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About Us

Since 1956, the Southern African Institute of Steel Construction (SAISC) has been a leading technical authority and industry advocate, advancing steel construction through expertise, innovation, collaboration and best practice.

Our Mission

SAISC is dedicated to developing, promoting and sustaining the growth and prosperity of Southern Africa's steel construction industry. Through technical guidance, industry advocacy, quality initiatives and professional development, we advance industry standards, promote ethical practice and strengthen long-term competitiveness.

Why the SAISC

Be part of the industry shaping the future of steel construction. SAISC membership connects you to trusted technical expertise, valuable industry resources, professional development and opportunities for networking and business growth. Our diverse membership, spanning disciplines, business sizes and industry sectors, share a unified commitment to advancing Southern Africa's steel construction industry and fostering its long-term growth and prosperity.



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Category Sponsor

Pan African Export Category

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Winner

ROSH PINAH ZINC - EXPANSION PHASE 1



The Rosh Pinah Zinc - Expansion Phase 1 project won the Pan African Export category at the Steel Awards 2026. Every steel component was detailed and fabricated in Johannesburg, then installed on an active zinc mine in Namibia. The judges said its scale and complexity went beyond what normal structural engineering would require, and that set it apart.

The mine could not stop. Rosh Pinah Zinc Corporation's operation in Rosh Pinah kept producing while the new plant rose around it, and no production stoppages were recorded at any stage. Everything the expansion needed had to arrive in order, on time and ready to fit.

Eight structures, one process

The expansion upgrades the mine's zinc ore processing and water management. Eight steel structures make it up. They are a paste plant that reaches 38 m at its top level, a

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PROJECT TEAM

Nominator
VIVA ENGINEERING

Main Contractor
K NEUMAYER

Structural Engineer
DRA GLOBAL

Steelwork Contractors
VIVA ENGINEERING (SUPPLY),
K NEUMAYER (INSTALLATION)

Steel Detailer
VIVA ENGINEERING

Steel Merchants
ALLIED STEELRODE, BSi STEEL, NJR STEEL, GK STEEL, STEWARTS & LLOYDS, MACSTEEL SERVICE CENTRES SA

Cladding Manufacturer
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Cladding Contractor
K NEUMAYER

Paintwork Contractor
VIVA ENGINEERING

water treatment plant, a thickener with an access tower and bridge, pipe racks, an SBS tank, a compressor area, two cement silos and two backfill paste feed tanks made from steel plate.

At the centre is a Bokela filtration system, described as the first of its kind commissioned in the Southern Hemisphere. It dewaters tailings, mixes them with cement and water, and pumps the paste underground to fill mined-out voids.

From Johannesburg to the mine

Viva Engineering in Johannesburg detailed the steel in Tekla. The same 3D model let DRA Global, the engineer, check for clashes before fabrication, and gave the erection team a live reference on site.

Every component carried a barcode from manufacture to installation. The codes fed a live portal that refreshed client dashboards every three hours.

The steel crossed the border into Namibia in 190 truck loads, each oversized piece under an abnormal load permit. Nesting kept the truck count down, and deliveries followed the erection sequence so little had to sit on a congested site.

Lifting on a live site

Each cement silo was pre-assembled horizontally on the ground, then rotated upright by a 250 tonne crane and a 55 tonne assist crane working top and tail in a tight space. Full-penetration welds closed the final joint at 28 m. A 110 tonne crane, not the usual 55 tonne, lifted the thickener bridge for the same reason. The SBS tank went up from the bottom, with its roof built first and the walls jacked upward, so it needed neither falsework nor a crane at height.

A Bokela filter unit supplied by the client fell from its trailer on the final approach to site and needed repair, which cost about six weeks. The team restructured the installation sequence, temporarily removed sections of steelwork to keep access open for other work, and brought in larger cranes to recover the time.

Weekly meetings between project teams kept deliveries, crane schedules and milestones aligned. Approximately 1.5 million man-hours were worked without a lost-time injury. Steelwork was complete in May 2025 and the project in November 2025.

Why steel

Steel let the whole scope be built and checked in a controlled factory before it travelled some 2,000 km. Defects were corrected in the shop, not on a remote site. Reinforced concrete could not have been prefabricated in modules and assembled quickly on a live mine.

Welding gave the silos continuous joints at 28 m that a bolted or precast connection could not have matched in the crane window available. Steel also stays adaptable. As ore grades and processing change over the life of the mine, the frames can be modified, extended or reinforced without demolishing the primary structure.

The mine kept producing the whole time, and the steel that rose around it had been checked, tracked and sequenced long before it reached Namibia.





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The finished structure is what we see. The sweeping span. The exposed steelwork. The precision of a connection. The ingenuity that turns an architectural idea into something real.

But long before any of that can be celebrated, there is a more fundamental question:

Can we verify the steel behind the structure?

As sponsor of the Architectural category at the SAISC Steel Awards 2026, the Material Quality Certification Programme (MQCP) is drawing attention to an essential part of excellence in steel construction — confidence in the material entering the supply chain.

Steel can pass through mills, merchants, stockists, processors and fabricators before becoming part of a finished structure. Throughout that journey, material identification, documentation, traceability and availability matter.

MQCP introduces an independent certification framework designed to strengthen that assurance.

Participating organisations are assessed against defined requirements relating to material quality, traceability and the systems used to manage and verify them. This includes areas such as material test certificates, chemical and mechanical properties, dimensional requirements, documented procedures and internal quality controls.

For engineers and specifiers, this supports greater confidence in material decisions. For fabricators and buyers, it provides a clearer means of identifying quality-focused suppliers. And for suppliers, it provides an independent way to demonstrate their commitment to quality and traceability.

MQCP does not replace engineering judgement, project specifications or professional responsibility. It strengthens the quality framework supporting them.

The Steel Awards celebrates what becomes possible when architecture, engineering and fabrication come together at their best.

MQCP asks us to apply that same standard of excellence to where every steel structure begins: the material itself.

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Architectural Category

Category Sponsor

Material Quality steelMQCP Certification Programme

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70
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Winner

UNIVERSITY OF JOHANNESBURG - RESCUE SIMULATION CENTRE



PROJECT TEAM

Nominator
EDS ENGINEERING DESIGN SERVICES

Main Contractor
P-WISE PROJECTS

Architect
IMPENDULO DESIGN ARCHITECTS

Structural Engineer
EDS ENGINEERING DESIGN SERVICES

Steelwork Contractor
CHURCHYARD & UMPLEBY CONSTRUCTION

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Paintwork Contractor
PLASCON KANSAI

The University of Johannesburg's Rescue Simulation Centre won the Architectural category at the Steel Awards 2026.

The brief behind it was unusual. The four-storey Centre on UJ's Doornfontein Campus brings helicopter crane rescue, wave pool training, trench and confined-space simulation, and wind and rain simulation under one roof. The brief had no design precedent in South Africa, so the end user, architect and structural engineer developed the design together.

Why the judges chose it

The architecture won its category because of how closely it followed its purpose. The judges described the Centre as an excellent example of architecture entirely

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defined by its function. Steel was used in a specific and deliberate manner to achieve the client's brief. They found the design innovative, and welcomed the investment in such a worthy cause.

Form that followed use

Multi-level walkways wrapped the perimeter of the building, and demountable handrails let them open up for rope access and rappelling at any point. The portal frame left the interior as open as possible for training.

A facade worth the wait

Expanded aluminium panels on a steel subframe wrapped the perimeter walkway. They were chosen for visual permeability, natural ventilation along the walkway corridors and natural light, and they gave the building its striking appearance while keeping maintenance to a minimum. They were the last elements installed. Roof and wall sheeting by Global Roofing Solutions, in a Charcoal Grey finish, completed the envelope.

"What was produced relative to the original architectural rendering is almost spot on," says Ursula Barnes of Impendulo Design Architects. "The design truly came out as it should have been, and we are quite proud of that."

The Centre was also named Overall Winner of the Steel Awards 2026.







Commendation

BOULEVARD COURTYARD

steel AWARDS 2026



PROJECT TEAM

Nominator
CRAFT OF ARCHITECTURE

Main Contractor
BRICE & CO

Architect
CRAFT OF ARCHITECTURE

Structural Engineer
DeVS-SiVEST

Steelwork Contractor
BRICE & CO

Steel Detailer
TRIDENT STEEL

Steel Merchants
STEWARTS & LLOYDS,
TRANSCAPE STEELS

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Boulevard Office Park in Woodstock, Cape Town, is a cluster of glass and concrete office buildings arranged around a central courtyard of about 1,000 m². Before the project the courtyard was windswept, bare and underused. People crossed it on their way to somewhere else, and few stopped. The challenge was to turn it into a place that works for the people who work and visit there, on a limited budget and without disrupting an office park that stayed in operation throughout.

The design

The architect introduced a series of angular steel canopies set among curved planters and seating. Each canopy is a folded form. Planes of steel meet in sharp ridges, lean toward one another and taper to narrow

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legs, with a faceted soffit overhead. The shapes contrast with the glass façades and grey granite paving around them, and the bronze finish adds warmth to a palette that was otherwise cool.

Aloes, grasses and young trees grow in the planters, and pale concrete benches wrap around them in a muted grey-brown that ties them to the canopies. The canopies provide shelter, and the seating gives people a reason to stay. From underneath, the folded forms frame views across the courtyard to the buildings beyond, and from a distance they look like sculptural pieces in their own right.

Fabrication

Because the steel is exposed, every detail is visible. The frames are 120x120x6.0 square hollow sections, clad in 6 mm mild steel plate that was CNC laser-cut and bent to form the folded surfaces. The aim was a seamless finish, so every bolt and joint is hidden. Weld joints were filled, sanded and primed, and each junction needed its own custom solution. The frames were hot-dip galvanised, then coated and painted.

Each frame was built as one piece in the workshop. The galvanising bath limits the size of a single dip, so every frame was cut into three sections, galvanised, then sleeved and re-bolted on site.

The judges found that the canopies enhance the urban space and are architecturally appealing.

Setting out the angles

The canopy angles are complex, and transferring them from drawing to site was one of the main challenges. The team used a string-line pitch system, setting out from the base plate centres, and reached about 99% alignment.

The frames are fixed to concrete plinths with M20 chemical anchors set 600 mm deep, and the plates are fixed with M16 countersunk bolts.

Plates were measured from the erected structure before final cutting. Each one fits the frame as built, and very little material was wasted.

Built for the wind

The angular geometry is structural as well as sculptural. In an exposed courtyard, the folded shapes provide cross-bracing, so no additional bracing members were needed. That kept the forms clean and the soffits uncluttered.

Working with what was there

Value engineering kept the existing granite floor. Instead of re-paving the courtyard, the team limited intervention to targeted pockets, which protected the budget and kept the focus on the new structures.

Why steel

Steel allowed thin, sharp-edged forms that would be hard to achieve in other materials. It also allowed most of the work to happen in a controlled workshop, which meant tight tolerances, quick installation and little disturbance to the people working next door.

People now stop and gather in the courtyard, which has outdoor seating and room to meet. The canopies have become its focal point. As the architect puts it, “The real success of the project is actually how people use the space. We took a courtyard that was barren and it’s now serving its purpose of being a functional, habitable space.”

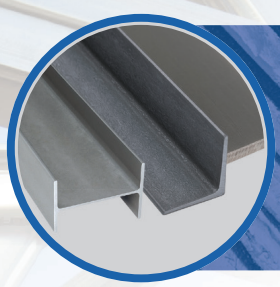




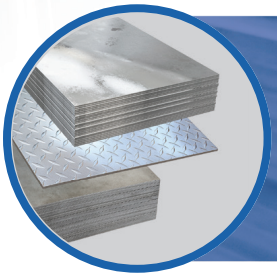
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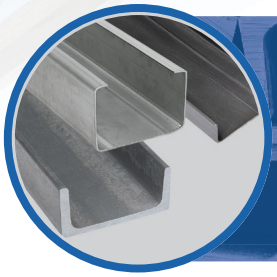
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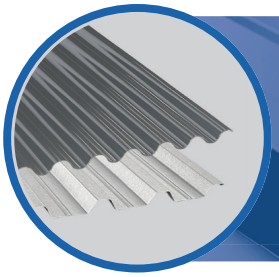
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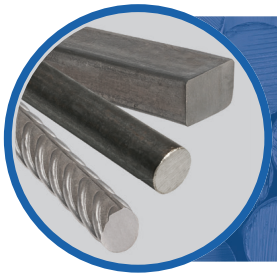
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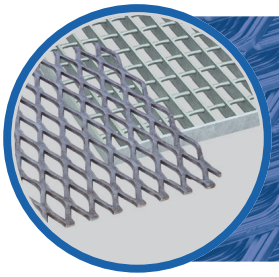
OPEN SECTIONS



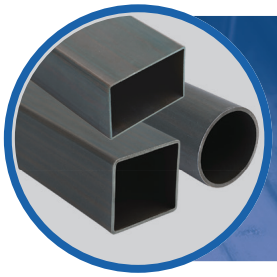
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Collaboration is equally important. Early communication around specifications, quantities, programme requirements, availability and delivery schedules can identify potential issues before they become problems.

For Horsley, what distinguishes a strong supply partner is ownership. It means understanding the customer's programme, communicating proactively, anticipating challenges and following through. Combined with product knowledge and dependable supply, this is what turns a transaction into a long-term partnership.

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SOUTHERN AFRICAN INSTITUTE OF STEEL CONSTRUCTION

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Winner

CLUB MED - THE VILLAGE ROOF



Club Med's Village roof at Tinley Manor Beach, Ballito, won the Commercial and Retail category at the Steel Awards 2026. It covers the arrival, reception and circulation spaces of the first Club Med resort in South Africa, and its entrance canopy reaches 11 m without a column. The resort has been described as the most significant hospitality project in South Africa since Sun City.

Guests arrive by bus and shuttle. The canopy had to frame that arrival for international guests, give the vehicles room to turn, leave no column for a driver to strike, and stay thin enough for the hotel rooms behind it to keep their view of the sea. The architectural design fixed the eaves line, which left very little depth for the structure.

The judges thought the project very well executed and of high quality. They liked the architecture too and wrote, "Not just a roof, it is aesthetically pleasing."

11 m without a column

Four primary trusses span 27 m into the lobby, and the weight of the building itself acts as a counterweight to the cantilever. A girder truss near the tip shares the load across all four trusses, so the canopy behaves as one rigid

PROJECT TEAM

Nominator
STRUXIT

Main Contractor
ABBEYDALE, KZN

Architect
CRAFT OF ARCHITECTURE

Structural Engineer
STRUXIT

Steelwork Contractor
OGILVIE ENGINEERING

Steel Merchant
STEWARTS & LLOYDS

Steel Detailer
PRECISE STRUCTURAL MODELLING (PSM)

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unit when the wind blows unevenly. With no room for knee bracing, the engineers ran diagonal bracing along the top and bottom chords. That let the thin roof resist sideways forces without getting any deeper.

The heaviest finish, a timber soffit ceiling, sat at the tip, where the risk of deflection is greatest. Early in the design, two extra central columns cut the cantilever from 13 m to 11 m and lowered the forces the steel had to carry.

Steel trees

The roofs across the resort were designed to evoke natural forest canopies, low in profile, wide in span and visually light. Branching tree columns give intermediate support and carry the idea through. They were made from circular hollow sections, rolled and curved. Sample tubes were rolled and welded first to set how much visible deformation was acceptable.

Built for the coast and a tight site

The coast brought strong wind uplift and high humidity. Every member was hot-dip galvanised, then primed and given a polyurethane topcoat, all before it left the factory. The system is designed for a 15-year maintenance cycle, and the galvanised layer protects the steel if the topcoat breaks down in one spot. Site welding was avoided entirely so nothing damaged that protection. Shop welds were done in factory conditions, and bolted splices joined the pieces on site.

The site was dense, with several contractors working at once in a small footprint. Restricted access roads and tight turns ruled out long-bed deliveries, and no heavy cranes could work inside the village. Ogilvie Engineering fabricated the 70.4 tonnes of steel.

The steel was pre-cambered at the factory to allow for dead load deflection, so it went up without site adjustment. Nothing needed modifying after erection. Steelwork was complete in September 2025 and the project in December 2025.

Why steel

Concrete would have needed more depth than the fixed eaves and the sightlines from the rooms behind allowed. Timber could not manage an 11 m cantilever at that depth. Steel's strength for its weight made the cantilever, the hipped profile and the long open spans possible. It also made the curved tree columns, which neither concrete nor timber could have matched at that slenderness.

A lighter roof put less load on the reinforced concrete columns and foundations. Finishing in the factory kept wet trades and coastal exposure away from the quality-critical work.

Guests arriving at the first Club Med in South Africa pass under 11 m of steel without a single column. The structure does its work, and the sea stays in view.

Commendation

AQUA PARK - ST CHARLES POOL COMPLEX



The St Charles Pool Complex at St Charles College in Pietermaritzburg is a covered aquatic facility built around a modular stainless steel competition pool. The pool measures 51.5 m by 25 m and is 2 m deep, holding about 2.8 million litres. It was assembled on site by its manufacturer's installation team. Although it sits on school grounds, the complex operates as a self-funding commercial facility with the school as its main tenant. It has already hosted national swimming galas and water polo tournaments.

The brief

The pool defined the structure. Its installation team required a base slab cast to zero tolerance, which meant a 15.5 hour continuous pour, laser verification and a surveyor re-check. They also allowed no overhead trades above the water once the pool was in position. The roof therefore had to span the whole arena without columns,

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PROJECT TEAM

Nominator
MACSTEEL SERVICE CENTRES SA

Architect
GREG BELLARS ARCHITECTS

Structural Engineer
VIGAR AND ASSOCIATES

Steelwork Contractor
COUSINS STEEL INTERNATIONAL

Steel Detailer
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Steel Merchants
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Cladding Contractor
MACSTEEL SERVICE CENTRES SA



and the building envelope had to close before the pool arrived. That single constraint shaped every major structural and erection decision.

Curved cellular rafters

The primary structure is a series of curved cellular beams. Each began as two 406x140x46 universal beam sections, split lengthwise so residual stresses could release, then expanded to about 606 mm deep and rewelded. The expanded beam was bent back onto a purpose-set floor jig, which built the 47.1 m internal radius into each member before final welding. This gave geometric accuracy without correction after welding.

Web openings were profiled and spaced to keep the hole diameter and web post geometry consistent across the splices. Members of 13 m and 9 m were spliced into continuous rafters spanning 42 to 48 m, sweeping from support to support.

The judges singled out the cellular beams for their visual appeal and for the care taken in detailing them, particularly given the complexity of the surfaces they had to follow.

A hybrid load path

Arched rafters push outward at their feet. The first structural studies used steel columns to resist that thrust, but the columns needed were disproportionately heavy. The adopted solution was a heavily reinforced concrete ring beam around the perimeter, working like the tension ring of a dome. Each rafter bears on a short stub column seated on the ring beam.

Steel spans in bending, and concrete resists the tension around the edge. The result is a lighter steel package and a cleaner internal elevation. A permanent tie beam at the third-points of each rafter controls long-term deflection and stabilises a mezzanine walkway running the length of the building. 127 mm circular hollow section bracing provides lateral and wind stability, and cold-formed lipped channels form the secondary framing.

Erection

The pool foundations ruled out lifting from inside the building. The rafters were pre-assembled on the ground into four modules, then lifted by a 300 tonne crane positioned outside the perimeter. All four modules were placed in six days.

Sky-formed cladding

The roof sheeting was rolled on site. A rolling mill was suspended by crane at eaves height, and Novotexi 440® concealed-fix sheets were formed continuously straight onto the curved purlins. This avoided lap joints across 2,650 m² of roof. Wind and rain interrupted the work, and the team recovered by extending shifts on the days that allowed it. 786 solar panels now sit on the roof. Steel is protected by an epoxy paint system suited to the chlorinated, heated pool environment.

Steel's advantage

Spanning 42 to 48 m over an Olympic-format pool without intermediate supports was the non-negotiable requirement. Cellular beams delivered a 606 mm deep rafter at a self-weight that solid sections could not match, which also reduced the thrust passed to the ring beam. Rolling the curve into the steel before splicing has no equivalent in concrete or timber at this span. Four pre-assembled and inspected modules allowed quality control at ground level, which mattered because there was no tolerance for rework at height once the crane cycle began.

The pool was installed in September, and the full project finished in December 2025.



BSi Steel

BUILDING CERTAINTY INTO THE STEEL SUPPLY CHAIN

FACTORY AND WAREHOUSE CATEGORY SPONSOR

BSi Steel has supplied the Southern African market for more than four decades. As projects become increasingly demanding in terms of programme, quality, traceability and logistics, the role of the steel merchant and service centre extends well beyond simply having material available.

In steel construction, certainty matters.

For fabricators and contractors working to demanding project programmes, having the right material, in the right specification and at the right time directly impacts production schedules and progress on site.

"Customers value consistency, trust, honesty and reliability," says Keith Whiting, Sales Manager at BSi Steel. "They want a steel supply partner that combines uncompromising material quality with honesty and transparency."

BSi Steel maintains extensive stockholding supported by large-scale warehousing, established steel manufacturers and ERP and forecasting systems designed to anticipate requirements and mitigate supply chain risks. In-house processing capabilities include lipped channel manufacturing, plate cutting and precision profiling, cut-to-length processing, slitting and in-line multi blanking.

Early collaboration is equally important.

"True collaboration requires open, early dialogue between the contractor, fabricator and steel merchant," says Whiting. This allows project teams to identify potential material shortages and logistical bottlenecks before they translate into costly site standing time.

As sponsor of the Factory and Warehouse category at the SAISC Steel Awards 2026, BSi Steel sees a natural connection with its role in structural steel. The category celebrates the efficiency, speed and adaptability of steel, while recognising the contribution of the broader steel value chain.



The steel behind what's possible.

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BSi Steel

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BSi STEEL
Forging Partnerships

Category Sponsor

Factory and Warehouse Category

SOUTHERN AFRICAN INSTITUTE OF STEEL CONSTRUCTION
70
ESTABLISHED 1956

Winner

FINISHED GOODS WAREHOUSE

steel AWARDS 2026



The Finished Goods Warehouse in Nuffield, Springs, won the Factory and Warehouse category at the Steel Awards 2026. Its 30 m column-free span went up under a safety rule introduced midway through the project, which kept everyone off the top of the steel.

Partway through construction, the client raised its safety specification from a standard local requirement to a European standard. No one was to walk the beams, cross the steelwork or work from on top of it. The rule applied to the whole building, and the way the steel was erected had to be rethought.

A span with nothing under it

The warehouse is a conventional steel frame. Fabricated plate girders cross 30 m on a 6 m bay grid, with no columns in between, so the floor stays clear for racking and materials-handling equipment. Roof trusses pass their load to steel columns, which connect to the concrete columns below through base plates and holding-down bolts. Roof bracing gives the frame lateral stability and lets the client add structure in future without changing the primary steel.

The roof is light, at 11 kg/m². Cold-formed lipped channel

PROJECT TEAM

Nominator
STEWARTS & LLOYDS

Main Contractor
ABBEYDALE

Structural Engineer
BSM BAKER

Steelwork Contractor
B&T STEEL CONSTRUCTION

Steel Detailer
CND STRUCTURAL SERVICES

Steel Merchants
STEWARTS & LLOYDS, BSi STEEL, ALLIED STEELRODE

Paintwork Contractor
IPS INDUSTRIAL PAINTING SERVICES

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purlins make up 100 tonnes of the 340.9 tonnes of steel, and the other 240 tonnes are hot rolled sections. A lighter roof meant lighter members, and each connection became more sensitive to any omission.





Assembled on the ground

The new rule moved the work to the ground. Six trusses were spliced together at a time, with the purlins already fixed between them. The structural engineer inspected and signed off each assembly before it was lifted, when every connection was still within reach. Main girders went up first, then two pre-assembled lifts completed each bay. The only connections made at height were the girders to the columns.

Three erection teams worked at once, each in a grid block of 50 m by 50 m. Assembly areas, laydown zones and crane positions all had to share the same ground, so the sequence was planned in detail. To hold the programme of 10 tonnes a day, more plant was brought onto site. The 30 m girders needed careful alignment and stability control in the air, so lifting points and sequences were fixed before work began.

The new method was written up as a method statement and approved by the client before it was used. All primary connections were bolted, which is what made assembling on the ground possible. A welded frame could not have been pre-assembled the same way without welding at height.

Made to repeat

The same frame module repeated across the 6 m grid, and the fabricator, detailer and erector agreed standard connection details early. That let fabrication and erection repeat bay after bay, cut rework on site and let the three teams work without waiting on one another. Fabrication and erection teams kept talking throughout to reconcile workshop tolerances with site conditions.

Coordination meetings before construction brought together the engineer, architect, detailer, fabricator and erector, so clashes between the steel, the services and the architecture were resolved before work began on site.

The steel was fabricated off site with CNC cutting, drilling and profiling. Material was traced from receipt to completion, checked against mill certificates and inspected for dimensions at key stages, and welding followed qualified procedures. Fabrication ran while the foundations and concrete columns were built, so the steel was ready when the concrete was. The canopy over the loading and offloading area came from the same package and was erected in large pre-assembled pieces.

Steelwork was complete in March 2026 and the project in May 2026.

Why steel

Only steel could clear 30 m at this scale, on this programme and at this cost. Reinforced concrete would have needed more depth and more time on site, and it could not have been prefabricated to the same extent. The lighter steel roof also put less load on the concrete columns and foundations below.

The telling detail of this project is how little of the building had to change. The span, the grid and the bolted connections suited a rule that had not yet been written.

njr steel

first for steel

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NJR Steel

THE CHANGING ROLE OF STEEL MERCHANTS IN INDUSTRIAL CONSTRUCTION

INDUSTRIAL CATEGORY SPONSOR



Industrial projects demand more than competitive pricing alone. Tight construction schedules, phased deliveries and changing project requirements mean customers increasingly rely on steel merchants that can provide reliable supply, product availability and efficient procurement support.

As customer expectations evolve, reliability, service, stockholding and procurement efficiency have become just as important as price. Customers are looking for partners who understand project pressures and can help simplify procurement while maintaining confidence in the supply chain.

One significant shift has been the growing demand for one-stop supply solutions. Rather than sourcing steel, hardware and allied products from multiple businesses, customers can consolidate procurement through a single steel merchant, reducing administrative complexity and improving coordination.

Supply certainty is equally important. Delays in material availability can affect fabrication schedules, construction programmes and project costs. Investment in inventory, stockholding, warehousing and logistics therefore plays a critical role in helping projects remain on schedule.

Looking ahead, digitalisation, sustainability and supply chain resilience will continue shaping the steel merchant sector.

As one of South Africa's leading independent steel merchants, NJR Steel has built its business around providing a one-stop supply solution. With a nationwide footprint and an extensive range of steel, hardware and allied products, the company supports customers across the country.

As sponsor of the Industrial category at the SAISC Steel Awards 2026, NJR Steel recognises the projects, partnerships and engineering excellence that continue to strengthen South Africa's steel industry.





Industrial Category

Category Sponsor

njr steel
first for steel

SOUTHERN AFRICAN INSTITUTE OF STEEL CONSTRUCTION
ESTABLISHED 1956

Winner

THE BRICKWORKS BY INVESTEC PROPERTY



PROJECT TEAM

Nominator
COUSINS STEEL INTERNATIONAL

Main Contractor
WBHO CONSTRUCTION

Architects
AXIOM ARC, EPA

Structural Engineers
VIGAR & ASSOCIATES,
COUSINS STEEL INTERNATIONAL

Steelwork Contractor
COUSINS STEEL INTERNATIONAL

Steel Detailer
COUSINS STEEL INTERNATIONAL

Steel Merchants
ALLIED STEELRODE, ROOFCO,
BSi STEEL, STEWARTS & LLOYDS

Cladding Manufacturer
MACSTEEL ROOFING

Cladding Contractor
BROWNDECK ROOFING

Paintwork Contractor
ELLIS CONTRACTORS

Six buildings arrived on the drawing board at almost the same time. Behind them were two architects, two engineering teams and one steelwork contractor with a single workshop and a single programme. That was the problem The Brickworks had to solve.

The Brickworks by Investec Property is the first phase of a logistics and distribution park on the site of the former Corobrik works in Avoca, Durban. Its six steel buildings were erected in approximately five months.

Many teams, one answer

Axiom Arc Architects and Elphick Proome Architecture (EPA) Architects designed three buildings each. The structural engineering was split in the same way. Cousins Steel International's in-house team took three buildings and an independent consulting engineer took the other three. Three buildings stand on precast concrete columns and three on cast in-situ columns.

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Working separately, both engineering teams arrived at almost the same frame, with castellated I-section rafters on H-section columns, and equal-angle cross-bracing and circular hollow sections for stability. Five of the buildings are large-span warehouses and one is an industrial printing facility. The largest is 220 m long and reaches 18 m clear at the eaves.

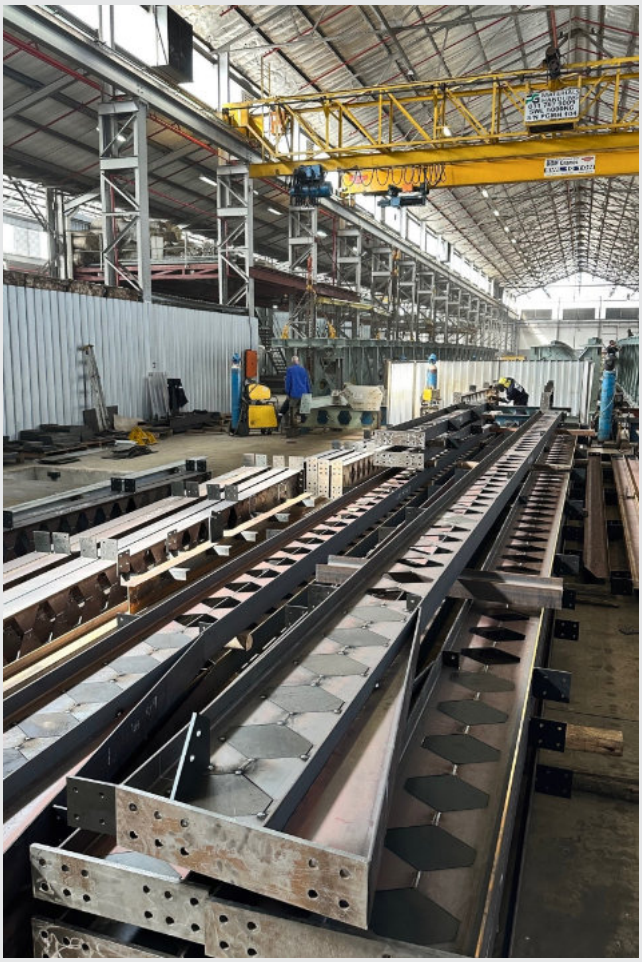
Fewer, heavier pieces

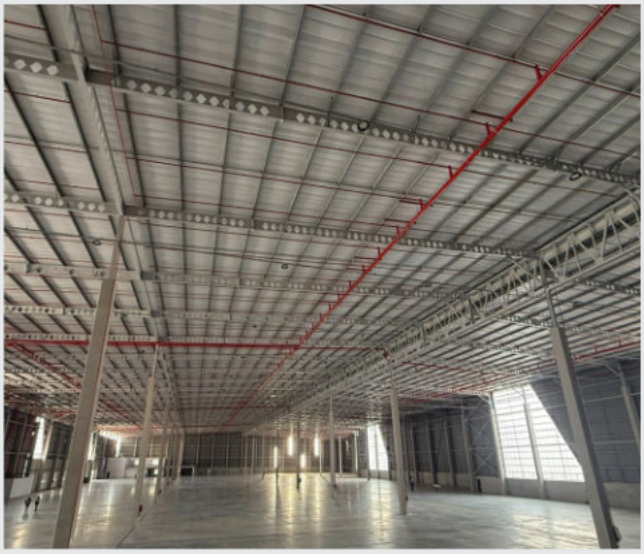
Both teams chose castellated rafters over trusses. The extra depth gives the span and stiffness without the jig, the piece count or the connections of a truss. The openings in the web carry building services within the structural depth, so the clear height stays free.

The judges saw logic that fabricators already know. The lightest design is not always the most economical. Workshop labour in the connections is what drives cost, so a few heavier members can cost less to make than many small ones.

Lifted whole

All fabrication took place at Cousins Steel International's Mount Edgecombe facility, about 5 km from site. Roof bays of 24 m by 24 m were assembled on the ground, with





purlins, bracing and knee braces fitted before the unit went up. Bolts and splices were inspected and signed off at ground level, and the finished units were then lifted into place by several cranes working together.

1,392 tonnes of steelwork went up across the six buildings, and steelwork was complete on 1 March 2026. Units 2 and 3 were dimensionally interchangeable, so fabricated pieces could move between them. Because all six sat in one park, labour moved between buildings when a delay hit one of them. The programme was shortened by roughly two months on three of the structures.

The concrete did not always match the steel. Holding-down bolts on some columns sat in the wrong position, and the steelwork was adapted or supplemented on site to suit. The curved wall-to-roof feature on the three EPA buildings also needed care. The radius was too tight for a single sheet, so it was resolved as a three-part base, curve and roof detail over several Tekla iterations. The judges credited the contractor, who designed the buildings to suit his workshop strengths, with meeting the programme.

Why steel

The brief called for large column-free spans and clear heights of up to 18 m for racking and materials handling. Steel delivered both, and it could be prefabricated, which is what allowed six buildings to proceed at once. It also absorbed the surprises. The concrete tolerances and the tight cladding radius were handled without any change to the primary frame. The roofs were designed to take rooftop solar in future.

The judges noted, "We need more turnkey projects like this one."





Infrastructure and Logistics Category

SOUTHERN AFRICAN INSTITUTE OF STEEL CONSTRUCTION

70

ESTABLISHED 1956

Winner

UMZINTO PIPE BRIDGE



The Umzinto Pipe Bridge is a 490 m structural steel bridge that carries a bulk water main across the Umzinto River beside the N2 south of Durban. It was delivered as a SANRAL initiative with the local municipalities for Umgeni Water, to keep water moving to communities on both banks in a corridor earmarked for growth on the KwaZulu-Natal south coast.

Each span had 15 to 20 minutes. That was the closure the N2 allowed for a lift of approximately 35 tonnes, and almost everything done in the workshop was done to make those minutes enough.

Nine spans, one pipe

The superstructure is nine equal-length spans. Each is a box girder built from heavy H-sections, with the water main carried on top. The pipe itself was supplied and installed by the main contractor, Cerimele Construction. The steelwork scope covered the bridge, the handrailing, the GRP decking, the anti-vandal cages at each end and permanent access for pipe maintenance.

The pipe, and not the steel, governed how much the bridge could move. Equal angles brace each span internally to limit the movement and deflection that

PROJECT TEAM

Nominator
COUSINS STEEL INTERNATIONAL

Main Contractor
CERIMELE CONSTRUCTION

Structural Engineer
ZIMILE CONSULTING ENGINEERS

Steelwork Contractor
COUSINS STEEL INTERNATIONAL

Steel Detailer
COUSINS STEEL INTERNATIONAL

Steel Merchants
BSi STEEL, ALLIED STEELRODE, STEWARTS & LLOYDS

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would otherwise pass into the pipeline. A 150 mm camber was built into the middle of every span and stays positive in the bottom chord under the loaded pipe. In total the bridge used 245 tonnes of steel.

Detailed piece-small

The bridge was designed piece-small and fully bolted, with friction-grip bolts at the staggered splices. Every member was sized to fit inside the galvanising tank, so the whole structure could be hot-dip galvanised and then given three coats of epoxy to a film of 450 to 600 microns. That is a heavy system, chosen for a coastal site.

The detailing had to account for the coatings. Zinc built up to 120 microns on the heavy flanges and 75 microns on the 5 mm IPE webs, a difference that had to be allowed for when paint thicknesses were checked. Cousins Steel International detailed the bridge in-house in Tekla and the model went to the engineer for approval before production.

Proven before it left the yard

Each span was trial-assembled before galvanising and fully assembled again after coating, with its walkways and handrails. Each span was then tested for self-weight deflection to confirm that the pre-camber had been built in correctly, and trial-lifted in tandem in the workshop. By the time a span reached the N2 it had already been lifted once.

Minutes on the N2

The bridge crosses the N2, a live national road, and that governed the erection method, the coating strategy and the programme.

Two 350-tonne cranes lifted each span in tandem, swung it over the gap and lowered it onto its bearings. An engineer checked the existing structures and the crane positions before the road was loaded, and 25 mm outrigger mats spread the crane loads. The seaside carriageway stayed open throughout.

Every closure needed SANRAL's approval, and the approvals ran so late that the nine finished spans had to wait. No-work periods over the school holidays narrowed the windows further.

The judges praised the team, noting that "only 2 minor modifications were required to base plates." At the final support the opening ran about 300 mm wider than the others, and a purpose-made extension plate with a slotted connection took up the difference.

The judges singled out the complexity of the site and the care taken over corrosion protection and installation. They were also very impressed by the time it took to rig the steel frame, lift it and lower it into position. On the best day, three spans were set, and each came down onto four M30 holding-down bolts at either end with negligible adjustment.







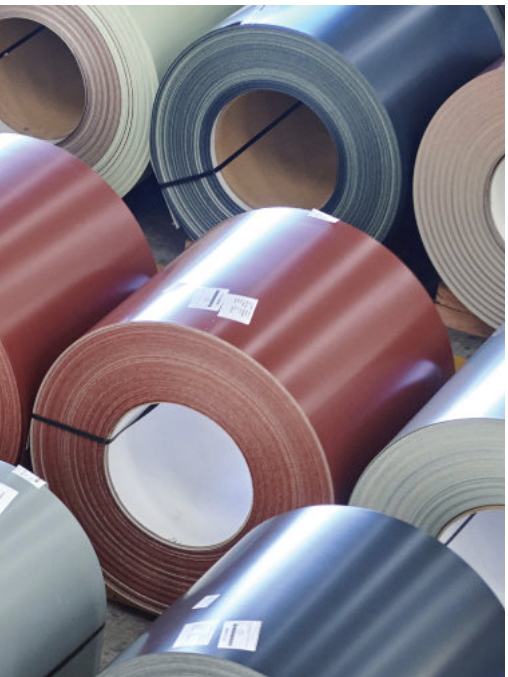
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SAFAL STEEL

Safal Steel

INNOVATION THAT EARNS ITS PLACE - BUILDING BETTER THROUGH MATERIAL PERFORMANCE

Building Africa With Pride

INNOVATION AND SUSTAINABILITY CATEGORY SPONSOR

Innovation in steel construction is often associated with ambitious structural design, new construction methods or increasingly complex engineering. But some of the most consequential innovation happens much earlier, at material level.

As sponsor of the Innovation and Sustainability category at the SAISC Steel Awards 2026, Safal Steel believes meaningful innovation should ultimately solve a real problem and create measurable value. In the building envelope, that means materials that perform better for longer, respond appropriately to their environment and reduce the maintenance, replacement and resources required throughout a building's life.

For Safal Steel, this is particularly relevant in Africa, where materials may need to contend with intense UV exposure, coastal corrosion, humidity, industrial pollutants and demanding installation environments.

Advances in coating systems, substrate quality, surface finishes and forming performance can therefore have an impact extending far beyond the initial construction phase.

Innovation beneath the surface

Coating technology provides a good example of how material innovation can translate into practical building performance.

Safal Steel's ZINCAL® and COLORPLUS® products combine a steel substrate with aluminium-zinc alloy coatings, with COLORPLUS® incorporating advanced paint systems. These technologies are designed to improve corrosion resistance and extend service life, while advances in paint chemistry, adhesion, formability, colour retention and UV resistance help pre-painted steel retain both its appearance and protective performance over time.

Importantly, different coating masses, finishes, paint systems and colours can be matched to different environments and applications.

This shifts coating technology from being viewed simply as a protective layer to becoming part of the specification and design process.

It also reinforces the importance of considering the full lifecycle of a material rather than its purchase price alone.

FOR SAFAL STEEL, MEANINGFUL INNOVATION SHOULD EARN ITS PLACE ON A PROJECT.

Initial cost represents only one part of the true cost of a building material. A product requiring more frequent maintenance, remedial work or premature replacement can ultimately cost considerably more over the building's life.

Safal Steel advocates a value-over-time approach that considers durability, maintenance, environmental exposure, installation quality, warranties and long-term risk when materials are specified.

Durability as a sustainability strategy

That lifecycle approach also changes the sustainability conversation.

Coated steel is lightweight, strong and recyclable, but Safal Steel believes its environmental performance should be considered across its full lifecycle — from manufacturing and resource use through to performance in service and eventual recyclability.

How efficiently a material is used, how long it remains in service and how much maintenance or replacement it requires all form part of that equation.

Durability, in this context, becomes an important sustainability measure in its own right.

Extending the life of a building envelope can avoid not only replacement costs, but also the additional manufacturing, transport, installation, waste disposal and disruption associated with replacing materials prematurely.

Correct specification is therefore critical. Matching the coating system to the exposure environment, and ensuring the product is correctly handled and installed, allows coated steel to provide long-term protection against corrosion and weathering.

In practical terms, making buildings last longer can be one of the clearest ways material choice contributes to sustainability.

Responsible manufacturing matters too

Performance in service is only one part of the lifecycle.

Safal Steel approaches responsible manufacturing as a process of continuous improvement, with priorities including efficient raw-material use, process-waste reduction, improved energy efficiency, responsible material handling and environmental awareness among employees.

Its Environmental Management Plan provides a framework for identifying impacts, managing environmental risks and improving operational performance, aligned with the Safal Group's broader purpose of building Africa with pride.

The result is a broader understanding of sustainability in which material performance, manufacturing and long-term building outcomes cannot be considered in isolation.

Giving designers greater freedom

Material performance does not have to come at the expense of architectural expression.

Advances in coatings, finishes and colour technology are allowing architects to use steel increasingly as a design material, combining technical protection with distinctive façades, roofscapes and integrated building envelopes.

Products such as COLORPLUS® offer a broad colour palette while maintaining corrosion resistance, UV stability and coating performance. Colour, texture and finish can therefore respond to climate and context as well as brand identity or architectural vision.

Safal Steel sees further opportunity for innovation specifically suited to Southern African conditions. This includes improved corrosion resistance for coastal and aggressive environments, broader coating and finish choices, and roofing and cladding solutions that enable faster, safer and more efficient construction.

But the company also sees an important opportunity beyond the product itself.

Technical support, specification guidance, CPD education and closer collaboration between manufacturers, architects, engineers, contractors and roll formers will be increasingly important. Material technology only creates value when it can be translated effectively into better-performing buildings.

Innovation with purpose

This philosophy sits at the heart of Safal Steel's sponsorship of the Innovation and Sustainability category at the SAISC Steel Awards 2026.

For Safal Steel, meaningful innovation should earn its place on a project.

It is not novelty for novelty's sake, but the application of materials, systems, processes and partnerships to solve genuine challenges. Innovation should reduce risk, improve quality, extend building life, contribute to better environmental outcomes or make design, specification and construction more efficient.

If it does not improve building performance or create meaningful value for the people who design, build, own and use the building, its impact is ultimately limited.

As SAISC celebrates 70 years in 2026, this practical approach to innovation will become increasingly important as Southern Africa's built environment is challenged to deliver infrastructure that is more resilient, efficient and environmentally responsible.

Safal Steel believes the next chapter will depend on collaboration across the steel value chain. Manufacturers, designers, engineers, contractors, installers and industry bodies all have a role to play in raising standards, while advances in material technology help buildings perform better and last longer, and manufacturing continues to reduce its environmental impact.

It is a future in which steel remains central to Southern Africa's growth — locally relevant, globally competitive, adaptable, enduring and built with pride.

Safal Steel is the Innovation and Sustainability category sponsor of the SAISC Steel Awards 2026.





SAFAL STEEL
Building Africa With Pride

Category Sponsor

Innovation and Sustainability Category

SOUTHERN AFRICAN INSTITUTE OF STEEL CONSTRUCTION
70
ESTABLISHED 1956

Winner

HOUSE VISSER LAPA

GLASROC X EXTERNAL CLADDING SYSTEM



Not one panel in House Visser Lapa is a rectangle. They are triangles and polygons, folded into walls and roof planes that run into one another.

House Visser Lapa is a private entertainment pavilion in Vanderbijlpark, Gauteng. Hardus Visser designed, engineered and built it, and he owns the property. Gyproc Saint-Gobain, which makes the Glasroc X board used on the pavilion, worked with him on the cladding system and nominated the project.

A folded form

The pavilion replaced a demolished lapa on ground that was once a dam. It was conceived as a proof of concept, to show what light steel frame construction and an integrated gypsum cladding system could do for a residential building with no standard shape.

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www.saisc.co.za

PROJECT TEAM

Nominator
GYPROC SAINT-GOBAIN

Main Contractor
HAGE PROJECTS

Architect
HAGE PROJECTS

Structural Engineer
HAGE PROJECTS

Cladding Manufacturer
GYPROC SAINT-GOBAIN

Cladding Roll Former
RAZORBILL

Cladding Contractor
HAGE PROJECTS

LSF Manufacturer
RAZORBILL

LSF Merchant
RAZORBILL

LSF Contractors
HAGE PROJECTS,
GYPROC SAINT-GOBAIN

Paintwork Contractor
HAGE PROJECTS









The geometry was modelled in Tekla Structures, and the panel dimensions went from the model to Razorbill Light Steel Products, who roll-formed the 89 mm lipped channel studs and produced fabrication drawings for review. Triangular and polygonal panels could not sensibly be made as finished units in a workshop. The frames were fabricated flat and taken to site to be assembled there.

Panels first, frame second

On site, the light steel frame panels went together first, and the primary frame was built around them. The primary frame is back-to-back angle iron, welded on site where the panel edges meet. At the internal corners the angles blocked access for a welding rod, so square bar was added to give the fillet welds a continuous flat surface. The judges noted the precautions taken so that competent site welding was possible despite the intricate connections and re-entrant corners.

A small team erected the pavilion, with a Hiab loader crane lifting the panels. A temporary central column and progressive props held the structure up. When the last connection was welded, the temporary column came out and two permanent circular hollow section columns took its place. Setting out came from a fixed benchmark at the corner of the existing house.

One board for wall and roof

Glasroc X exterior sheathing board, made by Gyproc, part of the Saint-Gobain group, covers 320 m² of the pavilion. It is 12.5 mm glass-mat reinforced gypsum board, and it runs across both the walls and the inclined planes, so the roof needed no separate roofing material. The submission records it as one of the first uses of this board in South Africa as wall cladding and roof substrate together. The boards were mitred at 45 degrees along the folds and cut on site with knives.

Because the board also serves as the roof, the waterproofing was built up in layers. A dimple drainage membrane is fixed to the steel frame, then the board, then an ABE peel-and-stick bitumen membrane, then a Weber BaseCoat render with fibreglass mesh. The frame stood through a week of rain before the waterproofing was finished, and no water got in. Inside, Glasroc H board, Isover Cavitybatt insulation and Rhinolite plaster complete the envelope, which carries a one-hour fire rating. The whole of it was built dry, which kept water use and waste on site low.

Made to be used

The pavilion hosts family gatherings and children's parties, and one inside surface doubles as a projection screen. The judges described the project as living proof that, using hot-rolled framing with light steel frame infill, if you can think of it you can build it.





Light Steel Frame Category

SOUTHERN AFRICAN INSTITUTE OF STEEL CONSTRUCTION

ESTABLISHED 1956

Winner

BRANTWOOD HIGH SCHOOL HALL



PROJECT TEAM

Nominator
FUTURECON

Main Contractor
FUTURECON

Architect
OSMOND LANGE ARCHITECTS

Structural Engineer
BY DESIGN

Steelwork Contractor
FUTURECON

Steel Detailer
LSF CO

Steel Merchant
BSi STEEL

Cladding Manufacturer
YOUNGMAN ROOFING

Cladding Roll Former
YOUNGMAN ROOFING

Cladding Contractor
FUTURECON

LSF Manufacturer
LSF CO

LSF Merchant
LSF CO

LSF Contractor
FUTURECON

Brantwood School Hall is an 800 m² multi-purpose hall for the Western Cape Education Department in Kuils River, Cape Town. It is a freestanding light steel frame building, with the walls, columns and roof all in cold-formed steel, and it spans 23.7 m clear. Light steel frame was a deliberate choice, driven by programme, budget and performance.

Brantwood High School needed one room big enough for every learner, for assemblies, examinations, sport and cultural functions, and the brief allowed no columns inside it. For a light steel frame, that is a long way to span.

A hall with no columns

The judges said the project "pushes the boundaries of commonly accepted spans for light steel framing." The roof is made of double duo-pitch trusses built from lipped channel sections in Grade 550 steel, set at up to 1,700 mm centres and sitting within the depth of the wall. The

SCAN FOR FULL PROJECT DETAILS
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ceiling follows the line of the trusses and works as an acoustic panel system. The eaves are 4 m high.

Built to stand alone

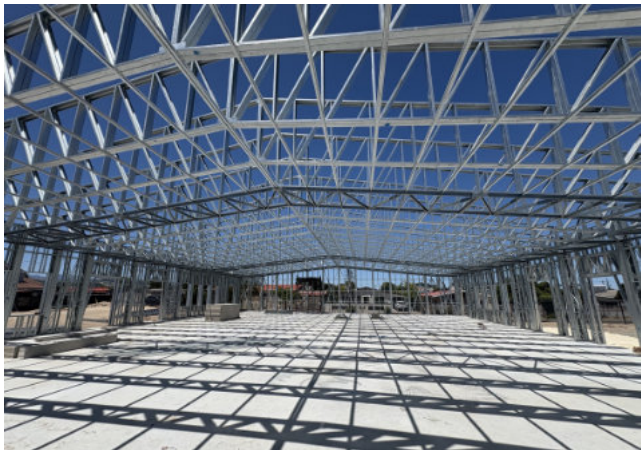
Large light steel trusses usually span between buildings that are already stable. This one had nothing to lean on, so the hall had to resist the wind as a freestanding envelope. The engineers treated it as a portal frame. The columns are 300 mm wide to give them bending depth, and the joint between each column and truss is held by screws bearing on the thin cold-formed plate. The connection was worked out in full-scale prototypes in the engineer's workshop, with Futurecon and LSF Co present, before any manufacturing began.



Anchored against the wind

The exposed Kuils River location generates uplift forces of up to 19.3 kN per column stud. This was addressed through chemical anchors at column bases (combining vertical and horizontal anchors to avoid edge breakout) and a comprehensive bracing system at both top and bottom chord levels.





Two trucks, one day

Everything was made at the LSF Co factory on FrameCAD roll-forming equipment, with every member numbered. The site model went onto tablets so that the erectors could check connection details without printed drawings. The whole building arrived on two trucks, timed around the narrow residential roads in Kuils River. Less than a bakkie load of scrap had to be cleared.

No conventional crane could set up on the site. A spider crane, small enough to pass through a standard double door, lifted every truss in a single day. The last trusses were positioned outside the building and lifted from there, and the crane then moved through the double door to finish the sequence. Community employment was a condition of the contract.

The roof is Youngman Springlock concealed-fix sheeting and the walls are fibre cement board with a Terraco render over double light steel walls 300 mm thick, so the hall reads from outside as a brick building. The roof was designed with an allowance to carry solar panels in future.

Light steel frame made this hall possible on this site. The brief says a hot-rolled portal frame of the same span would have needed heavier sections, heavier lifting plant, longer crane hire and heavier foundations.

The judges found the long span and the portal frame approach well executed, and that execution is what made the hall special enough to deserve the win.

Clotan Steel

PERFORMANCE FROM THE OUTSIDE IN: WHY GETTING ROOFING AND CLADDING RIGHT MATTERS

METAL CLADDING AND ROOFING CATEGORY SPONSOR

A roof or façade may help define how a building looks, but its real job is considerably more demanding: protecting the building, supporting its energy performance and continuing to perform reliably over decades.

As sponsor of the Metal Cladding and Roofing category at the SAISC Steel Awards 2026, Clotan Steel believes roofing and cladding should be considered as performance systems rather than simply aesthetic elements.

Performance begins with specification. Project teams need to consider the building's application, environmental exposure and loading conditions, together with insulation requirements and the complete roof build-up. Profile, material and coating each play an interconnected role in determining long-term performance.

Specification alone, however, does not guarantee the outcome. Clear performance criteria, material certification and inspection can help ensure that the system specified is ultimately the system supplied and installed.

Manufacturing quality and dimensional consistency are equally important. Inconsistent tolerances can lead to poor laps, misalignment and compromised weathertightness, while precision helps translate the original design intent into reliable long-term performance.

For Clotan Steel, this requires looking beyond the lowest upfront price towards whole-life value. A lower initial cost can quickly lose its advantage if it results in premature maintenance, replacement or failure.

As innovation expands the possibilities for steel roofing and cladding, the best applications demonstrate that architectural ambition and technical excellence do not have to compete. Together, they can deliver building envelopes designed to perform for decades to come.



Steel solutions built around the project

From roofing systems and cold formed sections to permanent formwork, flashings, rainwater goods and value-added steel processing, **Clotan Steel delivers practical solutions for demanding construction environments.**

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Whether the requirement is standard, specialised or made to suit the build, we focus on solutions that work.

Clotan Steel

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Metal Cladding and Roofing Category

Category Sponsor

CLOTAN STEEL

Ora et Labora

SOUTHERN AFRICAN INSTITUTE OF STEEL CONSTRUCTION

ESTABLISHED 1956

Winner

EQUITES PARK RIVERFIELDS X102



PROJECT TEAM

Nominator
GLOBAL ROOFING SOLUTIONS

Main Contractor
NDWALA CONSTRUCTION

Architect
EMPOWERED SPACES ARCHITECTS

Structural Engineer
DG CONSULTING

Steel Merchant
BLUESCOPE STEEL SOUTHERN AFRICA

Cladding Manufacturer
GLOBAL ROOFING SOLUTIONS

Cladding Roll Former
GLOBAL ROOFING SOLUTIONS

Cladding Contractor
TATE & NICHOLSON

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

X102 stands in the Riverfields precinct, next to OR Tambo International Airport. It is a warehouse and distribution facility of about 21,000 m², built for the movement of freight in and out.

A roof sheet 57 m long cannot travel on a road. The roof slopes at X102 needed sheets of that length, laid as single pieces so that no end laps interrupted the slope. The answer was to make the roof where it would sit.

A grid built around racking

The 1,000 tonne steel frame follows a 24 m by 24 m column grid chosen around racking, staging and battery-charging areas. That leaves long clear spans with few internal columns, so more of the floor can be used for racking and the layout can change later. Canopies cantilever 18 m from the structure.

A mill on site

The roof sheeting manufacturer and roll former, Global Roofing Solutions, brought a mobile roll-forming mill to the site, one of eight in its fleet, and rolled the sheets at ground level. The sheeting is Klip-Tite™ 700, a



concealed-fix profile formed from a 925 mm coil into a 700 mm cover width. It is 0.53 mm aluminium-zinc coated steel in G550 grade, finished in Clean Colorbond Thermatec in African White with a shadow-grey backing coat. The coil was made in Malaysia and imported for the project.

The finished sheets were hoisted onto the roof in a sequenced lift. Their length, weight and flexibility called for specialist equipment, precise alignment and a skilled crew. Each sheet was lifted, aligned and laid as a single length across the slope, with no end laps to leak. Using an approved installer also kept the manufacturer's watertightness and workmanship guarantee in place. 130 tonnes of cladding and roof sheeting covers the building. Steelwork was complete in February 2026 and cladding in April 2026.

Movement and wind

Steel sheeting expands and contracts by about 1 mm for every metre, so a sheet longer than 50 m moves a good deal. Sliding brackets at the joint between sheeting and flashing let the two move together, so the roof stays watertight.

The site beside the airport also meant high winds. The Klip-Tite™ profile has a wind uplift rating of 3.9 kPa, against 1.6 to 1.8 kPa for conventional 700-type sheeting. Transverse stiffener ribs in the pan, formed during rolling, reduce deflection and make the sheet harder to unclip.

Edges and geometry

The gable ends carry a two colour geometric composition. The white areas are solid metal cladding, and every edge of every shape is flashed. Parts of the cladding tilt outward, which left awkward cut lines. Extra sloping rails were designed as part of the frame, worked out between the engineer, architect and cladding contractor.

The judges found the finish striking and the two colours well matched. They singled out the architectural mix of black and white as a strength of the building, and said the geometry of the gable ends gave the cladding real presence. They praised the edge trimmings and the flashing installation, and said the attention to detail was outstanding.





Macsteel Service Centres SA

STEEL THAT PERFORMS: SUPPORTING THE DEMANDS OF THE MINING SECTOR

MACSTEEL SERVICE CENTRES SA

MINING CATEGORY SPONSOR



Mining is an industry in which delays, material inconsistencies and supply-chain disruption can have consequences far beyond the cost of the steel itself. Large material volumes, demanding project programmes and often challenging locations mean that successful delivery depends on more than simply having the required product available.

As sponsor of the Mining category at the SAISC Steel Awards 2026, Macsteel believes a reliable steel supply partner needs to understand these pressures and provide the right material, in the right specification and quantity, when it is required.

For Martin Mokoena, Senior Branch Manager at Macsteel, that combination of availability, quality and dependable delivery is fundamental to supporting an industry in which certainty matters.

Getting the material right

Mining infrastructure and operations can place significant demands on steel, making appropriate material selection and consistent quality essential to the performance and longevity of structures.

For Macsteel, supplying material to the correct specification, together with the necessary certification, gives customers confidence that the steel is fit for its intended application.

That assurance becomes particularly important across complex project supply chains. Quality assurance, material certification and traceability allow customers to verify that the material received meets the required specification and is accompanied by the documentation necessary for demanding projects and applications.

But quality material is only valuable if it is available when the project needs it.

Keeping projects moving

On mining projects involving significant steel volumes and demanding programmes, supply delays can quickly flow into fabrication and construction.

Macsteel therefore sees availability, processing, transport and delivery as interconnected parts of the supply process rather than separate activities.

Effective planning across each of these areas helps ensure material reaches customers when and where it is required, reducing the potential for steel supply to become a constraint further down the project programme.

MACSTEEL SEES EXCELLENCE IN MINING-RELATED STEEL CONSTRUCTION AS THE RESULT OF SEVERAL DISCIPLINES WORKING SUCCESSFULLY TOGETHER.

This becomes particularly relevant in an operating environment where mining and construction projects continue to face considerable cost, programme and operational pressures.

An experienced steel supply partner can add value by helping customers reduce uncertainty and programme risk through dependable supply and effective planning.

Adding value before steel reaches the customer

There is also an opportunity to remove work from the downstream supply chain before material reaches the fabricator, contractor or mining customer.

Value-added services such as cutting, profiling, drilling and cropping allow steel to be supplied closer to its required form. This can reduce additional processing, material handling and labour requirements for the customer, contributing to greater efficiency and improved programme performance.

The starting point, however, is understanding what the customer actually requires.

Macsteel works with customers to establish their material, quantity, processing, programme and delivery requirements before determining the appropriate combination of steel supply and value-added services.

The objective is straightforward: to make the customer's downstream process as efficient as possible.

This integrated approach also points towards where Macsteel sees opportunities for further improvement in steel supply to the mining sector.

A smarter steel supply chain

For Macsteel, innovation in steel supply does not necessarily mean introducing new technology for its own sake.

There is considerable scope to improve how steel supply, processing and logistics work together, finding smarter ways to plan, process and deliver material and removing inefficiencies across the supply chain.

That means looking beyond individual transactions towards the performance of the wider system.

When material availability, processing capability and logistics are considered together, the steel supplier can play a more meaningful role in helping fabricators, contractors and project teams manage cost, programme and operational pressures.

It is an approach that also reflects the interconnected nature of Southern Africa's broader steel value chain.

Recognising excellence in mining

As sponsor of the Mining category at the SAISC Steel Awards 2026, Macsteel sees excellence in mining-related steel construction as the result of several disciplines working successfully together.

Good engineering, appropriate material selection, quality fabrication and effective project execution all contribute to the final outcome.

A strong supply chain forms an important part of that equation, ensuring the steel required by the project is available, compliant and delivered when needed.

As SAISC celebrates 70 years in 2026, this interconnected capability will remain important to the future of both mining and steel construction in Southern Africa.

Steel producers, merchants, value-added processors, fabricators, engineers and contractors each contribute to an industry's ability to deliver. The strength of the sector therefore depends not simply on individual organisations, but on a capable and resilient value chain able to respond collectively to the demands of future projects.

For Macsteel, its role within that chain remains centred on reliable steel supply, value-added processing and customer-focused service — helping ensure that when Southern Africa's mining sector needs steel to perform, the supply chain behind it is equipped to perform too.





MACSTEEL SERVICE CENTRES SA

Category Sponsor

Mining Category

SOUTHERN AFRICAN INSTITUTE OF STEEL CONSTRUCTION

ESTABLISHED 1956

Winner

KENMARE WET CONCENTRATOR PLANT A - THE FLOATING PROCESS PLANT



A 5,000 tonne steel plant floats on a mining pond in northern Mozambique, and the way it was built is as much a part of the story as what it does.

Mining happens where the ore is, and the ore is rarely close to a workshop. Remote sites, heavy equipment and demanding programmes all shape the design from the start.

Kenmare Wet Concentrator Plant A, winner of the Mining category at the SAISC Steel Awards 2026, shows what that looks like at full scale.

The mine at Moma, in remote northern Mozambique, was moving to the new Nataka west orebody. That meant higher slurry volumes and more slime, so a new screening and surge bin module was needed. The answer was a complete process plant that floats on the mining pond.

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
HATCH AFRICA

Main Contractor
TEICHMANN PROJECTS

Structural Engineer
HATCH AFRICA

Steelwork Contractors
DUYS ENGINEERING, SHOLOZA ENGINEERING, STEEL PLATE SOLUTIONS, NAT-AFRICA, LOUWILL-LEFA, BANELLA METALS, TUDOR ENGINEERING, VIVA ENGINEERING

Steel Detailers
LOUWILL-LEFA, EPIC DRAFTING

Steel Merchants
MACSTEEL SERVICE CENTRES SA, ALLIED STEELRODE, BSi STEEL, STEWARTS & LLOYDS

Paintwork Contractors
STONCOR, ZULULAND INDUSTRIAL COATINGS, ACTION BLAST, TCN INDUSTRIAL COATINGS, TRANSVAAL GALVANIZERS, LIANRU GALVANIZERS, HENLOUW SHOTBLASTING & PAINTING, R2M GROUP, DUPLEX COATINGS

Floating concentrator plants are not new to mineral sands mining. The valuable minerals are separated from the sand on the spot, so the bulk of the mined material barely moves and the dunes can be re-established with little disturbance. What set this plant apart was its size.

It carries the two largest screens their manufacturer has ever built, each able to handle up to 10,400 tonnes of slurry an hour. It also carries a 14 m diameter conical surge bin holding over 1,000 tonnes of slurry, along with the pumps and process equipment.

A floating steel platform

All of that weight sits on 42 sealed steel pontoons. Each measures roughly 7 m by 9 m by 4 m and weighs between 30 and 43 tonnes. Lattice girders 9 m deep span the raft and turn the separate boxes into one rigid platform. The design was governed by more than dead, live and wind loads. Wave action, stability and cyclone wind loading all had to be satisfied, and the vibrating screens sit on isolation frames that keep their forces out of the pontoons.







Why steel

Steel was the only viable material. Its high strength to mass ratio lets the platform carry over 5,000 tonnes of structure, screens, tanks and equipment and still stay buoyant. Steel can also be welded into sealed enclosures. Every pontoon was fabricated to millimetre precision and pressure tested to confirm it was fully watertight, something no alternative material could deliver at this scale.

Prefabrication mattered just as much. Every complex component could be built under controlled workshop conditions and shipped to site.

Built in two cities

The pond is about 180 km by road from the nearest harbour, and there are no fabrication facilities anywhere near it. The steel was made in South Africa and sent north.

Three workshops in the Richards Bay area shop welded the pontoons. Three more workshops in Gauteng fabricated 1,800 tonnes of steelwork and platework for the chutes and hoppers. Surfaces that carry abrasive slurry are lined with polyurethane, moulded directly onto the steel. All six workshops worked from one 3D model. No 2D drawings were issued.

From workshop to water

The pontoons went by sea to Nacala and on by road. The structural steel followed in about 400 truckloads, through border posts and over roads damaged by cyclones. Those roads also fixed the size of the pontoons at design stage.

On site, the pontoons were welded together in a purpose-built dry dock, working from the inside out to a tolerance of 2 to 3 mm. The superstructure was erected on top. In August 2025 the dry dock was flooded and the 5,000 tonne plant floated off its plinths into its first working position. Commissioning was complete in December 2025.

The judges singled out the way the project was delivered. Good project management and close cooperation between many workshops made it possible to complete a project of this scale. It is a worthy winner of the Mining category.

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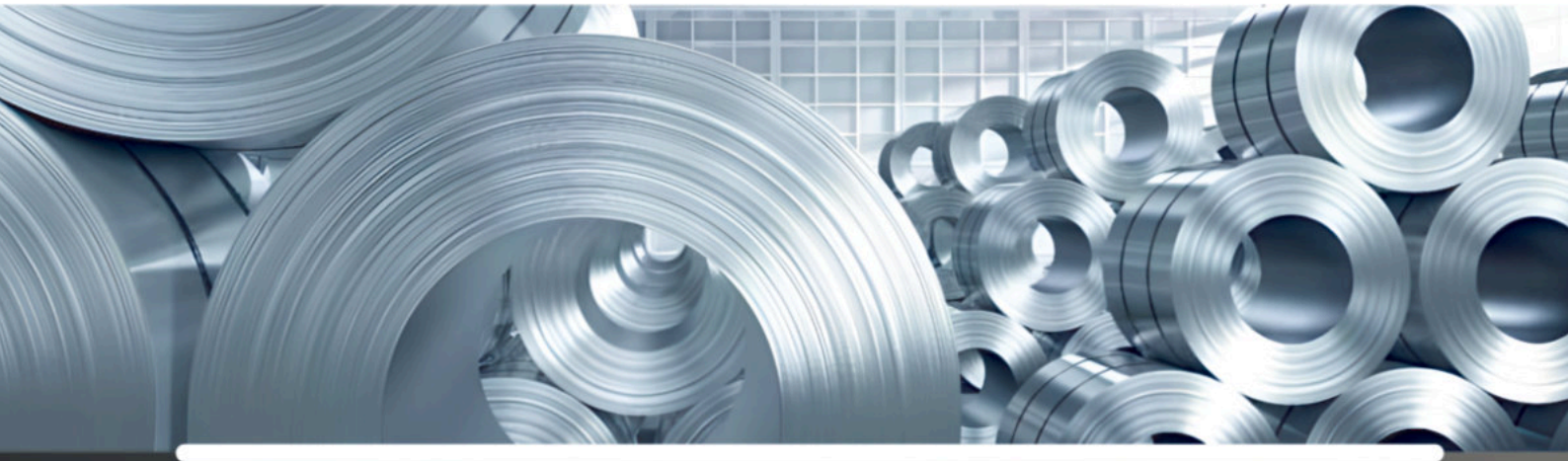
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Association of Steel Tube & Pipe Manufacturers

WHY HOLLOW SECTIONS CONTINUE TO TRANSFORM STRUCTURAL DESIGN

ASTPM

TUBULAR STEEL CATEGORY SPONSOR

As structural design advances, steel hollow sections are creating new opportunities for engineers and architects to achieve greater structural efficiency, design flexibility and architectural impact.

Circular (CHS), square (SHS) and rectangular hollow sections (RHS) offer an excellent strength-to-weight ratio. By placing material at the periphery of the section, hollow sections provide resistance to bending, torsion and axial compression while reducing overall structural weight.

For engineers, this creates opportunities to decrease structural dead loads, reduce foundation sizes and maximise usable internal space. For architects, tubular profiles combine structural performance with a sleek, modern aesthetic, enabling expansive column-free spaces, complex trusses and exposed structural forms.

In these applications, steel is no longer just supporting the architecture. It becomes an integral part of it.

Realising this potential requires careful specification, quality manufacturing and regulatory compliance. Material grade, manufacturing method, wall thickness and dimensional tolerances all influence performance. Quality and compliance are fundamental to ensuring that the performance specified on paper translates into the completed structure.

Looking ahead, greater prefabrication efficiency, sustainable steelmaking and increased digital integration are expected to further expand the possibilities for tubular construction, enabling lighter foundations, faster assembly and increasingly efficient designs.

As sponsor of the Tubular Steel category at the SAISC Steel Awards 2026, ASTPM supports the recognition of projects, people and technical expertise demonstrating what steel, and tubular steel in particular, can achieve.



STEEL INDUSTRY INSIGHTS THAT MATTER

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steel
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ASTPM

Category Sponsor

Tubular Steel Category

SOUTHERN AFRICAN INSTITUTE OF STEEL CONSTRUCTION

70

ESTABLISHED 1956

Winner

SHAMBALA PRIVATE GAME RESERVE GATE HOUSE



The entrance to a game reserve sets the tone for everything behind it. At Shambala Private Game Reserve, in the Waterberg region of Limpopo, that entrance was destroyed by fire.

The replacement, winner of the Tubular Steel category at the SAISC Steel Awards 2026, takes its form from the Zulu huts used for the reserve's accommodation. A domed centre is flanked by two lower wings, and the whole structure is covered in thatch. Underneath there is no timber at all.

Steel in place of timber

Traditional Zulu huts are built from timber and thatch. Timber could not do the job here. A vehicular entrance needs a clear span, and poles strong enough to carry the roof would have put a column in the middle of the carriageway. Slender steel tubes span the lane with nothing in the way.

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
CADCON

Main Contractor
INCRESCO DEVELOPMENTS

Architect
PARAGON ARCHITECTS

Structural Engineer
PURE CONSULTING

Steelwork Contractor
CADCON

Steel Detailer
CADCON

Steel Merchant
GARSIN STEEL TUBE AND PIPE

Paintwork Contractor
DRAM INDUSTRIAL PAINTING CONTRACTORS





The shape asked for even more. Curved rafters radiate from a central ring at the apex and are tied together by concentric rings of tube. The circular hollow sections were cold rolled to a range of radii to form them, something timber cannot do. The rings also act as the fixing for the thatch battens, so no secondary framing was needed.

The judges were glad to see steel tube preferred over wood. They called it a good example of working steel to give an aesthetically pleasing structure.

Getting the geometry right

Arches, rafters and rings of different radii all had to meet at exact points. Small tolerances can add up across a structure like this and show up as misfits on site.

The fabricator's answer was a full trial assembly in the workshop. It took time and a great deal of floor space, but every discrepancy was found and corrected before anything left Pretoria. The connections were designed with the engineer to allow a little adjustment on site. The judges praised the team for the care taken.

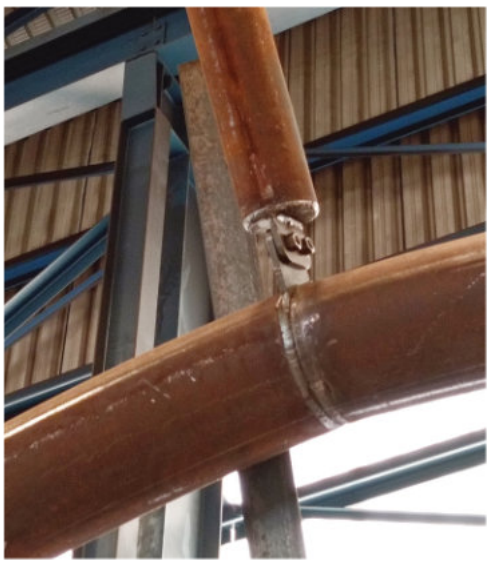
The structure was broken into the largest sections that could legally travel by road to the remote site. A temporary central tower and a mobile crane were used to position the quadrant sections. Site welding was limited to secondary joints, and erection took five days. Fabricating and welding in place would have taken about a month.

The thatch contractor then fixed battens to the tubes and wrapped selected sections to resemble a timber frame. The finished structure looks like a traditional hut, yet it is steel throughout.

Recognising the achievement

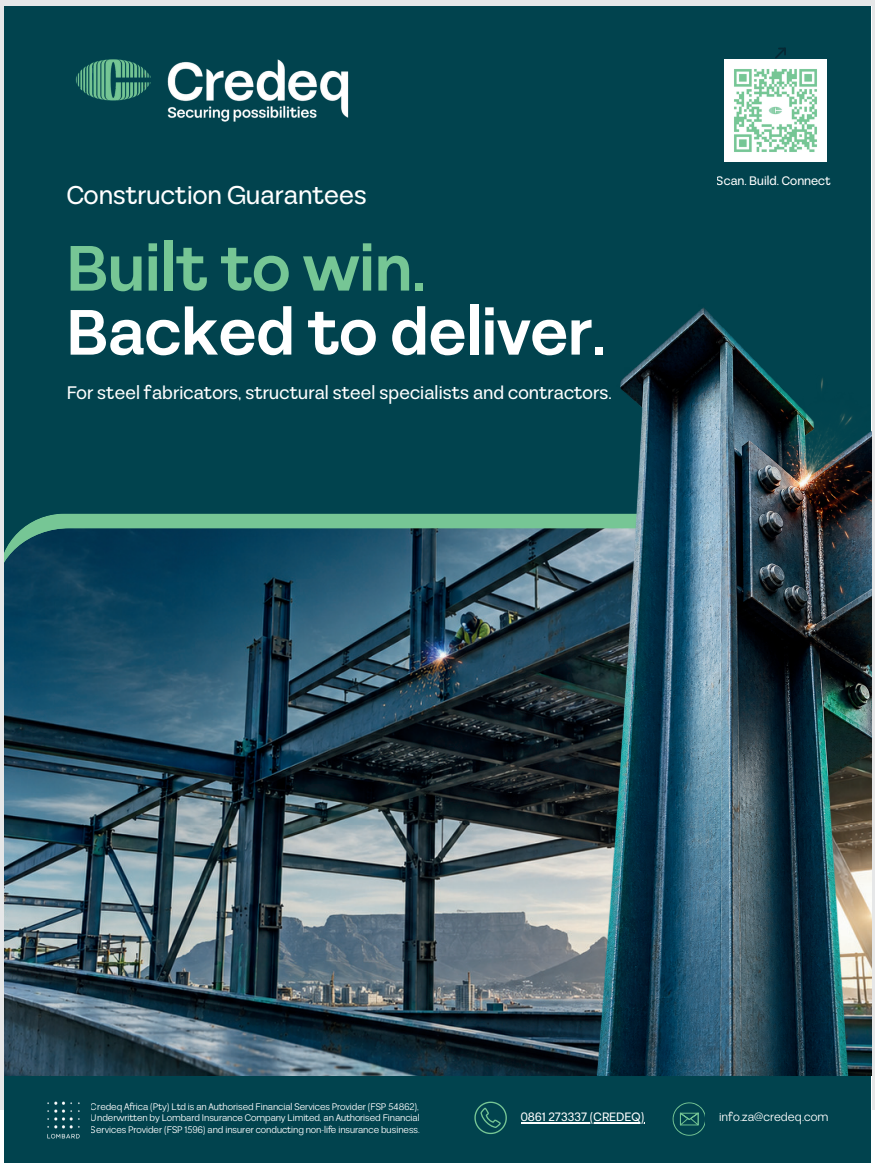
Just 9 tonnes of steel carry the whole character of the entrance. It is a worthy winner of the Tubular Steel category.











Credeq
Securing possibilities

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The future of steel construction depends not only on the projects we deliver today, but on the people who will lead the industry tomorrow.

Credeq Africa is the Future Leaders Patron Sponsor of the SAISC Steel Awards 2026. Through this sponsorship, Credeq Africa supports the next generation of engineers and industry professionals who will shape steel construction in Southern Africa.

Its support reflects a commitment to skills development, professional growth and the long-term sustainability of the industry.

Commendation

WESTOWN SQUARE FEATURE AND BOWL CANOPIES



PROJECT TEAM

Nominator
LEAF STRUCTURES

Main Contractor
STEFANUTTI STOCKS

Architect
MDS ARCHITECTURE,
BOOGERTMAN + PARTNERS

Structural Engineer
LEAF STRUCTURES

Steelwork Contractors
NOVUM STRUCTURES TURKEY,
CHURCHYARD & UMPLEBY CONSTRUCTION

Steel Detailer
NOVUM STRUCTURES GERMANY

Cladding Manufacturer
FOUR SEASONS ROOFING

Cladding Roll Former
MACSHEET GROUP

Paintwork Contractor
CHURCHYARD & UMPLEBY CONSTRUCTION

Westown Square in Shongweni, Durban, is an integrated public retail and civic precinct. Two steel canopies anchor its public spaces. One is a large feature canopy over the square, and the other shelters a stage and seating bowl. Both are curved, flowing forms, which in steel means solving a demanding geometric problem. Neither shape repeats itself, so almost every piece of the structure had to be individually worked out.

The feature canopy spans about 39 m. It has a tipped, S-shaped form that undulates across the square. Its structure is a single-layer gridshell, a lattice of rectangular hollow and square hollow section members that act together as one continuous curved shell. The members connect at CNC-machined S355 nodes, each bolted with two M24 grade 10.9 bolts that were torqued to give a full moment connection. Because the joints are rigid, slender members can carry load without additional bracing, and the shell feels light and open from below.

SCAN FOR FULL PROJECT DETAILS
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The shell is carried by steel tree columns that rise from five main concrete columns. Marine-grade plywood panels line the underside, giving the canopy a timber ceiling.

The stage canopy is a tipped barrel-vault gridshell. It rests on two lower edges and two rear columns. It shelters performers, manages the acoustics and directs sound toward the seating. Integrated acoustic panels support this, so the form serves a practical purpose as well as a visual one.

Built from the model

Every member and node in a gridshell is different, so the structure was fully 3D-modelled. In-house software generated fabrication drawings and CNC node-cutting files directly from the model. Each member and node was unique and numbered, and node coordinates were recorded for survey control on site. Numbering meant each piece could be matched to the model as it arrived, and surveyors had fixed coordinates to check the structure against as it went up.

The judges admired the flowing, natural character of the forms and the skill needed to achieve them in steel.

Lifting the canopies

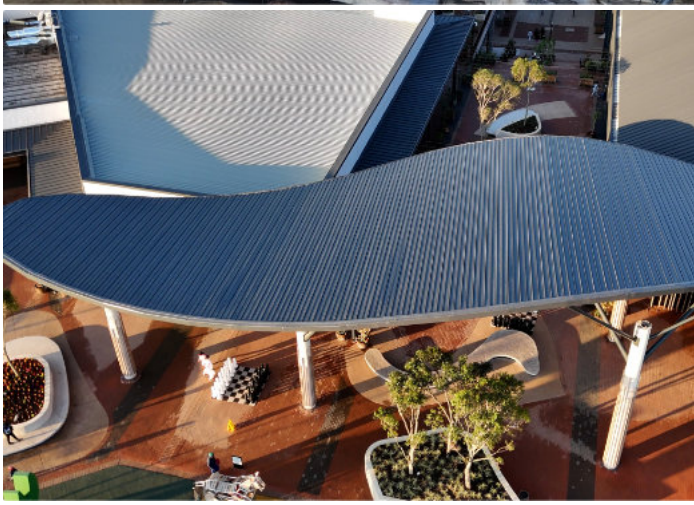
The two canopies were built differently. The stage canopy was assembled at ground level on scaffold, because its concrete base was not yet complete, and then lifted as a single structure. The feature canopy needed a scaffold with Perry props set to surveyed node positions, so that the shell was supported at the points where its nodes would finally sit. It was erected in seven lifts over seven days.

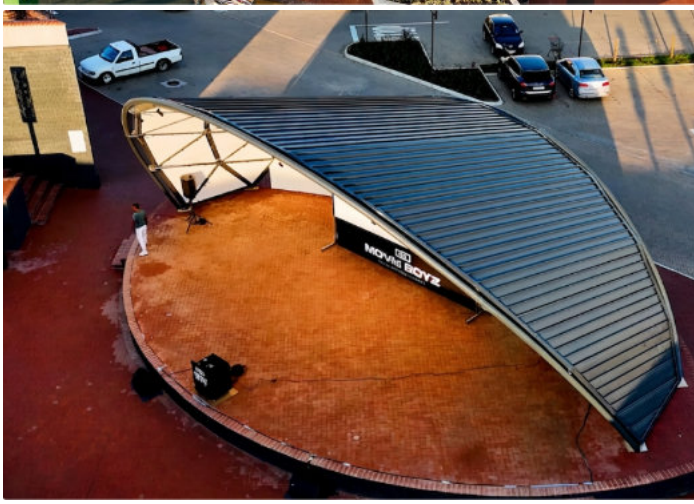
Slender by design

Together the two canopies give Westown Square a sheltered, sculptural public heart. One covers the open square with a long, rippling roof, and the other frames the stage and directs sound to the seating. Both are built from the same family of tubular sections and machined nodes, which gives them a shared language.

Steel gave the designers a high strength-to-weight ratio and slender members, and it suits doubly curved geometry. Factory-accurate fabrication meant that complicated pieces arrived ready to fit. Bolted connections made for fast erection with minimal field welding, which kept work on a busy site to a minimum. The whole structure used about 38 tonnes of steel. Few other materials could have delivered a 39 m organic form so lightly.









STORIES BEHIND THE STRUCTURES

BUILDING BEYOND A LIFETIME

CHANGING THE STORY AT KLEIN GOEDERUST



At Klein Goederust, steel is helping give structure to a story of possibility, quality and legacy.

For Paul Siguqa, the story of Klein Goederust began long before he became a wine farm owner. It began as the child of a farm labourer, growing up with a narrative that suggested where you were born would determine where you would remain.

"If you are born from farm labourers, you are going to be a farm labourer. And so will your children and their children," he recalls.

His mother believed differently.

Having arrived in the Western Cape in the early 1960s and worked as a farm labourer herself, she was determined that her children would have choices.

Education became central to that ambition, grounded in a belief that where someone was born, who they were born to or the colour of their skin should never determine their destiny.

At 16, Paul began working on a farm himself to raise money for university. It was there that another ambition began to take shape. One day, he wanted to own a wine farm of his own. It would take 15 years of saving before that dream became possible.

> "THE BEAUTY OF STEEL IS THAT YOU ARE ABLE TO MAKE IT SPEAK THE LANGUAGE OF OLD INTO THE NEW."

When Paul eventually acquired Klein Goederust, the farm was dilapidated. What followed was not simply a restoration project, but the gradual building of something intended to endure.

Today, the farm represents far more than ownership. For Paul, it represents the possibility of changing the story.

"If the child of a farm labourer can be a farm owner, then the child of the domestic worker must become a doctor," he says. "Where you are born, who you are born from, or the colour of your skin shouldn't predetermine your destiny."

That philosophy has shaped the development of Klein Goederust, including the latest addition to the farm, its new steel-framed production cellar.

Quality as the equaliser

Building the farm required patience, resilience and consistency, but Paul returns repeatedly to another principle that has guided its development. Quality.

"We cannot compete on size. But the equaliser is quality."

It is a philosophy inherited directly from his mother. Although she has since passed away, Paul says her presence remains part of the farm through the lessons she left behind. During the early years of Klein Goederust, her message was unwavering. Never compromise on quality.

As one of the smaller farms, Klein Goederust could not necessarily compete through scale. What it could control was the standard of what it produced.

"We must always make sure that our quality is unquestionable," Paul says. "We live with those lessons every day and in everything that we do. We put quality first."

That principle extended beyond the wine and into the farm's built environment. When the time came to invest in the new production facility, the intention was not to create something temporary or purely functional. It needed to become part of a much longer story.



Amanuel Gebremeskel, CEO of SAISC; Paul Siguqa, owner of Klein Goederust; and Rodney Zimba, winemaker at Klein Goederust.

"We want to build things that would outlive us," Paul explains. "Steel is for life. It is something that will serve the next generation and the other generation. It will outlive us."

The investment, he says, therefore also had to be anchored in quality.

Speaking the language of old and new

The architectural challenge at Klein Goederust was particularly interesting. The new structure needed to serve the practical requirements of a modern production facility without losing its relationship with buildings on the farm dating back to 1905 and 1920. Steel provided the means to connect the two.

"The beauty of steel is that you are able to make it speak the language of old into the new," Paul says.

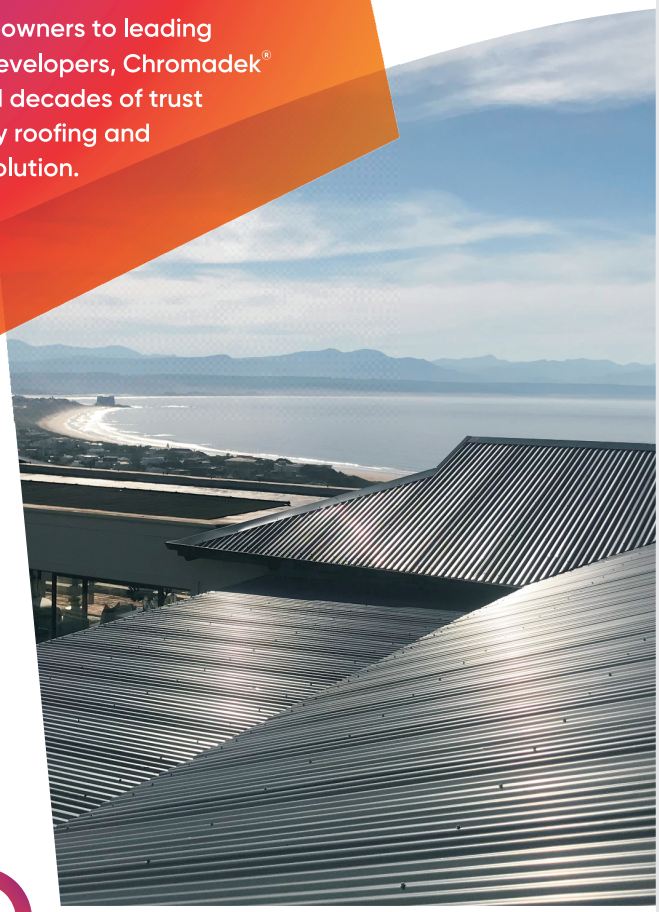




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It also helps create opportunities to recognise excellence across the steel value chain.

The Victorian character found in the older buildings has been carried into the new development, while the structural possibilities of steel allowed the project team to create a contemporary building that responds differently to its surroundings.

Steel forms the structural framework, while extensive use of glass opens the building to the landscape beyond. For Paul, the relationship between the two materials is central to the result. Steel provides the structure, firmness and safety, while glass exposes the beauty of the land.

The result is a building that does not attempt to compete with its setting. Instead, the architecture allows the vineyards and surrounding landscape to remain part of the experience. In this sense, the structure reflects something of Klein Goederust itself. It acknowledges what came before while creating space for something new.

Taking others along

The story Paul wants the farm to tell, however, extends beyond his own family. One of his mother's parting messages after the family acquired the farm was that their success should never be theirs alone.

"You must always make sure that you take others along."

That instruction has shaped Klein Goederust's relationship with its surrounding community. Paul describes its community involvement as being built around three areas: education, sport and social cohesion. Each initiative is considered against those principles. Does it create an opportunity for education? Does it contribute to upliftment through sport? Does it help build greater cohesion between people?

The last of these has particular importance for him.

"What we need as South Africans right now is social cohesion, where all people have an equal chance, equal opportunity, but most importantly, we live in harmony with each other and with nature."

It is an expansive interpretation of legacy. A farm can produce wine. A building can provide shelter and support production. A business can create employment. But each can also become part of something larger.

A structure for dreams

From working among the vines as a teenager to becoming the owner of Klein Goederust, Paul's journey has taken place over decades rather than in a single transformative moment. Perhaps that is why permanence matters so much.

Asked what he hopes the farm will ultimately represent, he returns to heritage, generations and the possibility of dreams becoming real. He wants future generations to benefit from what is being created today, both through what happens on the land and through the buildings that will remain on it.

There is a fitting connection between that ambition and the material now helping shape Klein Goederust's next chapter. Steel is designed to carry load, create space and give structure to an architectural idea. At Klein Goederust, it has also become part of a much more human story.

It connects buildings more than a century apart. It provides the framework for a growing South African business. It creates a structure intended to serve generations its current owners may never meet.

Most importantly, it supports the message at the heart of Paul Siguqa's story.

The circumstances into which we are born do not have to determine what we are able to build.

And what we build today can create possibilities for those who come next.





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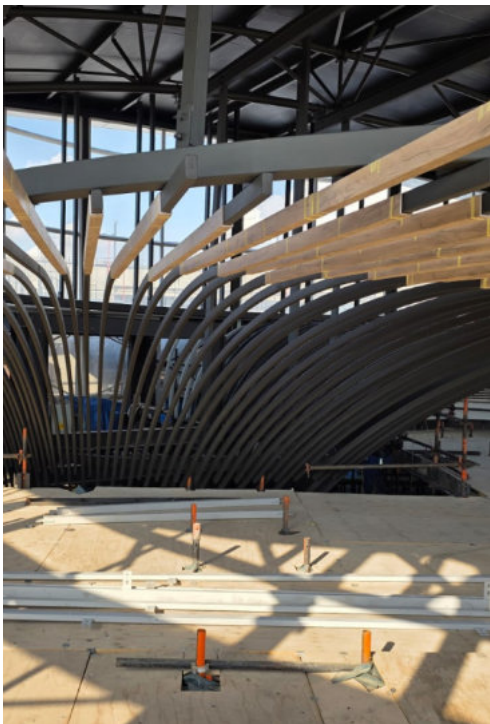









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BELLINGAN PROPERTIES















steel AWARDS 2026

PROJECT ENTRIES A–Z

Every project entered into the Steel Awards this year is listed here.

Each entry reflects the skill of the people who designed, fabricated, supplied and built it, and the clients who backed them.

Not every project could win, but every one earned its place.

SOUTHERN AFRICAN INSTITUTE OF STEEL CONSTRUCTION
70
ESTABLISHED 1956

274 Kaleidoscope



FINALIST: ARCHITECTURAL
FINALIST: COMMERCIAL AND RETAIL

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
SVA INTERNATIONAL

Client / Developer
BELLINGHAM PROPERTIES

Main Contractor
GVK-SIYA ZAMA CONSTRUCTION

Architect
SVA INTERNATIONAL

Structural Engineer
ELWANDLE CONSULTING

Steelwork Contractor
UITENHAGE SUPER STEEL

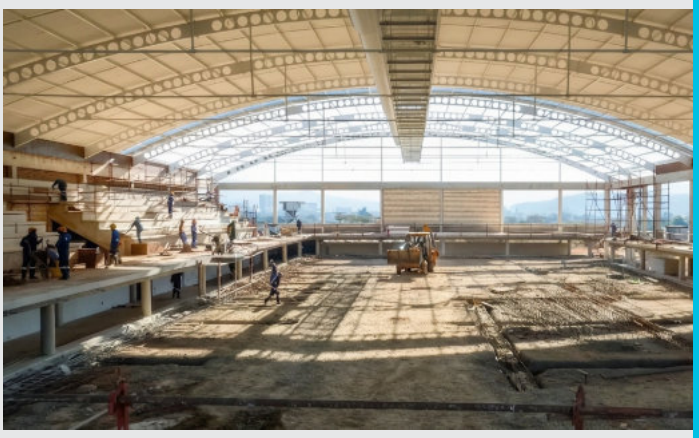
Steel Detailer
3DCON STEEL DETAILING

Steel Merchant
STEWARTS & LLOYDS

Cladding Manufacturer
SAFINTRA

Cladding Contractor
GVK-SIYA ZAMA CONSTRUCTION

Aqua Park St Charles Pool Complex



COMMENDATION: COMMERCIAL AND RETAIL
FINALIST: INFRASTRUCTURE AND LOGISTICS

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
MACSTEEL SERVICE CENTRES SA

Architect
GREG BELLARS ARCHITECTS

Structural Engineer
VIGAR AND ASSOCIATES

Steelwork Contractor
COUSINS STEEL INTERNATIONAL

Steel Detailer
COUSINS STEEL INTERNATIONAL

Steel Merchants
MACSTEEL SERVICE CENTRES SA,
STEWARTS & LLOYDS

Cladding Merchant
MACSTEEL SERVICE CENTRES SA

Cladding Roll Former
MACSTEEL SERVICE CENTRES SA

Cladding Contractor
MACSTEEL SERVICE CENTRES SA

Betko Sunnyside Packhouse



FINALIST: INDUSTRIAL
FINALIST: METAL CLADDING AND ROOFING

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
BLUESCOPE STEEL SOUTHERN AFRICA

Main Contractor
EDDIE STEMMET BOUERS

Architect
KUBE ARCHITECTURE

Structural Engineer
NOLTE ENGINEERS

Steelwork Contractor
LA STEEL

Steel Merchants
MACSTEEL SERVICE CENTRES SA,
BSi STEEL

Cladding Manufacturer
BLUESCOPE STEEL SOUTHERN AFRICA

Cladding Roll Former
YOUNGMAN ROOFING

Botswana Oil Francistown Strategic Fuel Farm



FINALIST: PAN AFRICAN EXPORT
FINALIST: INDUSTRIAL

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
TROTECH

Main Contractor
TROTECH

Structural Engineer
TROTECH

Steelwork Contractor
TROTECH

Steel Detailer
TROTECH

Steel Merchant
ALLIED STEELRODE

Paintwork Contractor
MTL TRIAD ENGINEERING

Boulevard Courtyard



COMMENDATION: ARCHITECTURAL
FINALIST: INNOVATION AND SUSTAINABILITY

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
CRAFT OF ARCHITECTURE

Main Contractor
BRICE & CO

Architect
CRAFT OF ARCHITECTURE

Structural Engineer
DeVS-SiVEST

Steelwork Contractor
BRICE & CO

Steel Detailer
TRIDENT STEEL

Steel Merchants
STEWARTS & LLOYDS,
TRANSCAPE STEELS

LSF Manufacturer
BRICE & CO

LSF Merchant
BRICE & CO

LSF Contractor
BRICE & CO

Paintwork Contractor
CP PAINTERS

Brantwood High School Hall



WINNER: LIGHT STEEL FRAME (LSF)
FINALIST: INFRASTRUCTURE AND LOGISTICS

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
FUTURECON

Main Contractor
FUTURECON

Architect
OSMOND LANGE ARCHITECTS

Structural Engineer
BY DESIGN

Steelwork Contractor
FUTURECON

Steel Detailer
LSF CO

Steel Merchant
BSi STEEL

Cladding Manufacturer
YOUNGMAN ROOFING

Cladding Roll Former
YOUNGMAN ROOFING

Cladding Contractor
FUTURECON

LSF Manufacturer and Merchant
LSF CO

LSF Contractor
FUTURECON

Cape Flats Aquifer Recharge Plant



FINALIST: **INNOVATION AND SUSTAINABILITY**

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
BLUESCOPE STEEL SOUTHERN AFRICA

Main Contractor
STEFANUTTI STOCKS

Architect
SALT ARCHITECTS

Structural Engineers
WATER & WASTEWATER ENGINEERING, JG AFRIKA

Steelwork Contractor and Steel Detailer
MADDEN STEEL PROJECTS

Steel Merchant
BSi STEEL

Cladding Manufacturers
BLUESCOPE STEEL SOUTHERN AFRICA, INDIAN OCEAN ISLANDS CLADDING

Cladding Roll Former
GLOBAL ROOFING SOLUTIONS

Cladding Contractor
CHARTWELL ROOFING

Cheetah Ridge Spa



FINALIST: **LIGHT STEEL FRAME (LSF)**

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
SITEFORM FRAMING

Main Contractor
3J BUILDERS

Architect
SAREL JACOBS STUDIOS

Structural Engineer
CONIC

Steelwork Contractor
3J BUILDERS

Steel Detailer
SITEFORM FRAMING

Steel Merchant
BSi STEEL

Cladding Roll Former
SITEFORM FRAMING

Cladding Contractor
3J BUILDERS

LSF Manufacturer and Merchant
SITEFORM FRAMING

LSF Contractor
SITEFORM FRAMING

Club Med - The Village Roof



WINNER: COMMERCIAL AND RETAIL
FINALIST: TUBULAR STEEL

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
STRUXIT

Main Contractor
ABBEYDALE, KZN

Architect
CRAFT OF ARCHITECTURE

Structural Engineer
STRUXIT

Steelwork Contractor
OGILVIE ENGINEERING

Steel Merchant
STEWARTS & LLOYDS

Steel Detailer
PRECISE STRUCTURAL MODELLING (PSM)

Corlett Drive



FINALIST: ARCHITECTURAL
FINALIST: LIGHT STEEL FRAME (LSF)

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
MITEK INDUSTRIES

Main Contractor
TOP HAT ROOFING

Architect
IMPENDULO DESIGN ARCHITECTS

Structural Engineer
MGD CONSULTING ENGINEERS

Steelwork Contractor
TOP HAT ROOFING

Cladding Contractor
CIV BUILD

LSF Manufacturer and Merchant
MITEK INDUSTRIES

LSF Contractor
TOP HAT ROOFING

Equites Park Riverfields X102



WINNER: METAL CLADDING AND ROOFING
FINALIST: FACTORY AND WAREHOUSE

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
GLOBAL ROOFING SOLUTIONS

Main Contractor
NDWALA CONSTRUCTION

Architect
EMPOWERED SPACES ARCHITECTS

Structural Engineer
DG CONSULTING

Steel Merchant
BLUESCOPE STEEL SOUTHERN AFRICA

Cladding Manufacturer
GLOBAL ROOFING SOLUTIONS

Cladding Roll Former
GLOBAL ROOFING SOLUTIONS

Cladding Contractor
TATE & NICHOLSON

Finished Goods Warehouse



WINNER: FACTORY AND WAREHOUSE
FINALIST: INDUSTRIAL

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
STEWARTS & LLOYDS

Main Contractor
ABBEYDALE

Structural Engineer
BSM BAKER

Steelwork Contractor
B&T STEEL CONSTRUCTION

Steel Detailer
CND STRUCTURAL SERVICES

Steel Merchants
STEWARTS & LLOYDS, BSi STEEL, ALLIED STEELRODE

Paintwork Contractor
IPS INDUSTRIAL PAINTING SERVICES

Fourways Mall - The Lilly



FINALIST: ARCHITECTURAL
FINALIST: TUBULAR STEEL

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
CADCON

Main Contractor
CONCOR CONSTRUCTION

Architect
MDS ARCHITECTURE

Structural Engineer
L&S CONSULTING ENGINEERS

Steelwork Contractor
CADCON

Steel Detailer
3DCON STEEL DETAILING

Steel Merchants
GARSIN STEEL TUBE AND PIPE, ALLIED STEELRODE, STEWARTS & LLOYDS

Paintwork Contractors
CADCON (INTERNAL), DRAM INDUSTRIAL PAINTING CONTRACTORS (EXTERNAL)

House Smith - Klerksdorp



SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
SITEFORM FRAMING

Main Contractor
CELA STEEL

Architect
ALINE ARCHITECTURE AND DESIGN

Structural Engineer
CELA STEEL

Steel Merchant
STEEL IMPORTS

Steelwork Contractor
CELA STEEL

Steel Detailer
SITEFORM FRAMING

House Visser Lapa

Glasroc X External Cladding System



WINNER: INNOVATION AND SUSTAINABILITY
FINALIST: ARCHITECTURAL
FINALIST: LIGHT STEEL FRAME (LSF)

SCAN FOR FULL PROJECT DETAILS
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PROJECT TEAM

Nominator
GYPROC SAINT-GOBAIN

Main Contractor
HAGE PROJECTS

Architect
HAGE PROJECTS

Structural Engineer
HAGE PROJECTS

Cladding Manufacturer
GYPROC SAINT-GOBAIN

Cladding Roll Former
RAZORBILL

Cladding Contractor
HAGE PROJECTS

LSF Manufacturer
RAZORBILL

LSF Merchant
RAZORBILL

LSF Contractors
HAGE PROJECTS, GYPROC SAINT-GOBAIN

Paintwork Contractor
HAGE PROJECTS

K.O. Grains Solar



SCAN FOR FULL PROJECT DETAILS
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PROJECT TEAM

Nominator
SITEFORM FRAMING

Main Contractor
SOLAR GIANT

Architect
THUSA BATHO

Structural Engineer
THUSA BATHO CONSULTING

Steelwork Contractor
SOLAR GIANT

Steel Detailer
SITEFORM FRAMING

Steel Merchant
BSi STEEL

LSF Manufacturer and Merchant
SITEFORM FRAMING

LSF Contractor
SOLAR GIANT

Kenmare Wet Concentrator Plant A
- The Floating Process Plant



WINNER: MINING
FINALIST: PAN AFRICAN EXPORT

SCAN FOR FULL PROJECT DETAILS
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PROJECT TEAM

Nominator
HATCH AFRICA

Main Contractor
TEICHMANN PROJECTS

Structural Engineer
HATCH AFRICA

Steelwork Contractors
DUYS ENGINEERING, SHOLOZA ENGINEERING, STEEL PLATE SOLUTIONS, NAT-AFRICA, LOUWILL-LEFA, BANELLA METALS, TUDOR ENGINEERING, VIVA ENGINEERING

Steel Detailers
LOUWILL-LEFA, EPIC DRAFTING

Steel Merchants
MACSTEEL SERVICE CENTRES SA, ALLIED STEELRODE, BSi STEEL, STEWARTS & LLOYDS

Paintwork Contractors
STONCOR, ZULULAND INDUSTRIAL COATINGS, ACTION BLAST, TCN INDUSTRIAL COATINGS, TRANSVAAL GALVANIZERS, LIANRU GALVANIZERS, HENLOUW SHOTBLASTING & PAINTING, R2M GROUP, DUPLEX COATINGS

Klein Goederust
Wine Cellar and Tasting Facility



FINALIST: ARCHITECTURAL
FINALIST: COMMERCIAL AND RETAIL

SCAN FOR FULL PROJECT DETAILS
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PROJECT TEAM

Nominator
ARCH ON MAIN

Main Contractor
KONSTRUCT SGN

Architects
ARCH ON MAIN IN COLLABORATION WITH HB ARCHITECTS

Structural Engineer
MPRO CONSULTING

Steelwork Contractor
LEMCO EPC

Steel Detailer
LEMCO EPC

Steel Merchants
BSi STEEL, STEWARTS & LLOYDS, MACSTEEL SERVICE CENTRES SA

Cladding Manufacturer
SAFINTRA

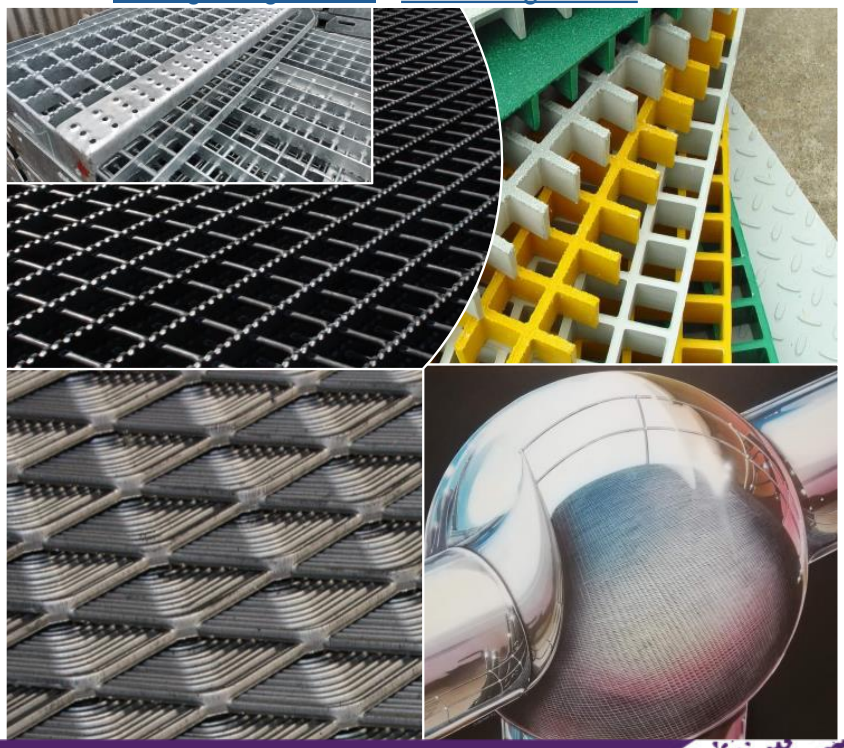
Cladding Roll Former
SAFINTRA

Cladding Contractor
LEMCO EPC

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PROJECT TEAM

Nominator
SITEFORM FRAMING

Main Contractor
GVK PROJECTS

Architect
EBESA ARCHITECTS

Structural Engineer
CONIC

Steelwork Contractor
MVW PROJECTS

Steel Detailer
SITEFORM FRAMING

Steel Merchant
BSi STEEL

Cladding Roll Former
IRONSHIELD

Cladding Contractor
MVW PROJECTS

LSF Manufacturer and Merchant
SITEFORM FRAMING

LSF Contractor
MVW PROJECTS

Richmond Steel Bridge
- Dwarsrivier, Steelpoort



FINALIST: INFRASTRUCTURE AND LOGISTICS
FINALIST: MINING

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
GLOBAL ROOFING SOLUTIONS

Main Contractor
G4 MINING & CIVILS

Structural Engineer
RITCHIE MIDGLEY CONSULTING ENGINEERS (RMCE)

Steelwork Contractor
G4 MINING & CIVILS

Steel Detailer
RITCHIE MIDGLEY CONSULTING ENGINEERS (RMCE)

Cladding Manufacturer
GLOBAL ROOFING SOLUTIONS

Cladding Roll Former
GLOBAL ROOFING SOLUTIONS

Cladding Contractor
PERMANENT FORMWORK SOLUTIONS

Roots Butchery - Bloemfontein



FINALIST: LIGHT STEEL FRAME (LSF)

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
SITEFORM FRAMING

Main Contractor
SITEFORM FRAMING

Architect
VB DESIGNS

Structural Engineer
THUSA BATHO CONSULTING

Steelwork Contractor
MVW PROJECTS

Steel Detailer
SITEFORM FRAMING

Steel Merchant
STEEL IMPORTS

Cladding Roll Former
SITEFORM FRAMING

Cladding Contractor
MVW PROJECTS

LSF Manufacturer and Merchant
SITEFORM FRAMING

LSF Contractor
MVW PROJECTS

Rosh Pinah Zinc - Expansion Phase 1



WINNER: PAN AFRICAN EXPORT
FINALIST: MINING

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
VIVA ENGINEERING

Main Contractor
K NEUMAYER

Structural Engineer
DRA GLOBAL

Steelwork Contractors
VIVA ENGINEERING (SUPPLY),
K NEUMAYER (INSTALLATION)

Steel Detailer
VIVA ENGINEERING

Steel Merchants
ALLIED STEELRODE, BSi STEEL,
NJR STEEL, GK STEEL, STEWARTS & LLOYDS,
MACSTEEL SERVICE CENTRES SA

Cladding Manufacturer
COUNTRY ROOFING

Cladding Contractor
K NEUMAYER

Paintwork Contractor
VIVA ENGINEERING

Shambala Private Game Reserve Gate House



WINNER: TUBULAR STEEL
FINALIST: ARCHITECTURAL

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
CADCON

Main Contractor
INCRESCO DEVELOPMENTS

Architect
PARAGON ARCHITECTS

Structural Engineer
PURE CONSULTING

Steelwork Contractor
CADCON

Steel Detailer
CADCON

Steel Merchant
GARSIN STEEL TUBE AND PIPE

Paintwork Contractor
DRAM INDUSTRIAL PAINTING CONTRACTORS

Stadio University
Durbanville Campus Gatehouse



FINALIST: INFRASTRUCTURE AND LOGISTICS
FINALIST: LIGHT STEEL FRAME (LSF)

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
MITEK INDUSTRIES

Main Contractor
MRC SYSTEMS T/A MRC GROUP

Architect
BPAS ARCHITECTS

Structural Engineer
KLS CONSULTING ENGINEERS

Steelwork Contractor
MRC SYSTEMS T/A MRC GROUP

Cladding Manufacturer
BLUESCOPE STEEL SOUTHERN AFRICA

Cladding Roll Former
FLASHING CENTRE

Cladding Contractor
MRC SYSTEMS T/A MRC GROUP

LSF Manufacturer and Merchant
MITEK INDUSTRIES

LSF Contractor
MRC SYSTEMS T/A MRC GROUP

The Brickworks by Investec Property



WINNER: INDUSTRIAL
FINALIST: FACTORY AND WAREHOUSE
FINALIST: METAL CLADDING AND ROOFING

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
COUSINS STEEL INTERNATIONAL

Main Contractor
WBHO CONSTRUCTION

Architects
AXIOM ARC, EPA

Structural Engineers
VIGAR & ASSOCIATES,
COUSINS STEEL INTERNATIONAL

Steelwork Contractor
COUSINS STEEL INTERNATIONAL

Steel Detailer
COUSINS STEEL INTERNATIONAL

Steel Merchants
ALLIED STEELRODE, ROOFCO,
BSi STEEL, STEWARTS & LLOYDS

Cladding Manufacturer
MACSTEEL ROOFING

Cladding Contractor
BROWNDECK ROOFING

Paintwork Contractor
ELLIS CONTRACTORS

Trumod Solar Carpark



SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
TRUMOD

Main Contractor
TRUMOD

Structural Engineer
J3 ENGINEERING

Steel Detailer
TRUMOD

LSF Manufacturer
TRUMOD

LSF Merchant
TRUMOD

LSF Contractor
TRUMOD

Umzinto Pipe Bridge



WINNER: INFRASTRUCTURE AND LOGISTICS
FINALIST: INNOVATION AND SUSTAINABILITY

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
COUSINS STEEL INTERNATIONAL

Main Contractor
CERIMELE CONSTRUCTION

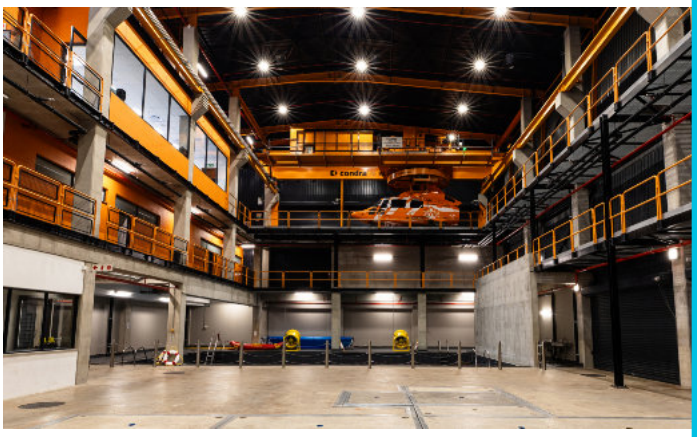
Structural Engineer
ZIMILE CONSULTING ENGINEERS

Steelwork Contractor
COUSINS STEEL INTERNATIONAL

Steel Detailer
COUSINS STEEL INTERNATIONAL

Steel Merchants
BSi STEEL, ALLIED STEELRODE, STEWARTS & LLOYDS

University of Johannesburg - Rescue Simulation Centre



OVERALL WINNER
WINNER: ARCHITECTURAL
FINALIST: INFRASTRUCTURE AND LOGISTICS

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
EDS ENGINEERING DESIGN SERVICES

Main Contractor
P-WISE PROJECTS

Architect
IMPENDULO DESIGN ARCHITECTS

Structural Engineer
EDS ENGINEERING DESIGN SERVICES

Steelwork Contractor and Steel Detailer
CHURCHYARD & UMPLEBY CONSTRUCTION

Steel Merchants
MACSTEEL SERVICE CENTRES SA, ALLIED STEELRODE, STEWARTS & LLOYDS

Cladding Manufacturer and Cladding Roll Former
GLOBAL ROOFING SOLUTIONS

Cladding Contractors
CHARTWELL ROOFING, GAP

Paintwork Contractor
PLASCON KANSAI

Vaal Lifestyle Centre



FINALIST: ARCHITECTURAL
FINALIST: COMMERCIAL AND RETAIL

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
A4 ADVISORY & CONSULTING

Main Contractor
SANJO CONSTRUCTION

Architect
A4 ADVISORY & CONSULTING

Structural Engineer
A4 ADVISORY & CONSULTING

Steelwork Contractor
SANJO CONSTRUCTION

Cladding Manufacturer
CLOTAN STEEL (SEAMTECH)

Cladding Roll Former
CLOTAN STEEL

Valterra Termite Infestation Project



FINALIST: INNOVATION AND SUSTAINABILITY
FINALIST: LIGHT STEEL FRAME (LSF)

SCAN FOR FULL PROJECT DETAILS
www.saisc.co.za

PROJECT TEAM

Nominator
MITEK INDUSTRIES

Main Contractor
GIANT ENGINEERING

LSF Manufacturer
MITEK INDUSTRIES

LSF Merchant
MITEK INDUSTRIES

LSF Contractor
GIANT ENGINEERING

We Buy Cars Lansdowne



FINALIST: FACTORY AND WAREHOUSE

SCAN FOR FULL PROJECT DETAILS
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PROJECT TEAM

Nominator
BLUESCOPE STEEL SOUTHERN AFRICA

Main Contractor
ABBEYDALE

Architect
MBK ARCHITECTS

Structural Engineer
DE VILLIERS CONSULT

Steelwork Contractor and Steel Detailer
MAZOR STEEL

Steel Merchants
BSi STEEL, STEWARTS & LLOYDS, MACSTEEL SERVICE CENTRES SA, PRO ROOF, TUBECON

Cladding Manufacturer
BLUESCOPE STEEL SOUTHERN AFRICA

Cladding Roll Former
YOUNGMAN ROOFING

Cladding Contractor
PREMIER ROOFING

Paintwork Contractor
MRH GROUP

Westown Square Feature and Bowl Canopies



COMMENDATION: TUBULAR STEEL
FINALIST: ARCHITECTURAL

SCAN FOR FULL PROJECT DETAILS
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PROJECT TEAM

Nominator
LEAF STRUCTURES

Main Contractor
STEFANUTTI STOCKS

Architect
MDS ARCHITECTURE, BOOGERTMAN + PARTNERS

Structural Engineer
LEAF STRUCTURES

Steelwork Contractors
NOVUM STRUCTURES TURKEY, CHURCHYARD & UMPLEBY CONSTRUCTION

Steel Detailer
NOVUM STRUCTURES GERMANY

Cladding Manufacturer
FOUR SEASONS ROOFING

Cladding Roll Former
MACSHEET GROUP

Paintwork Contractor
CHURCHYARD & UMPLEBY CONSTRUCTION



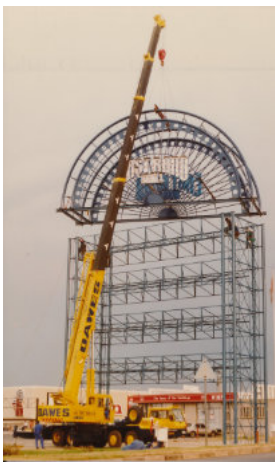




Work is well underway on the R2-million mechanical maintenance depot being constructed for South African Transport Services at its new Central Yard at Bapefontein. The depot, comprising 13 buildings, is being built by Murray & Roberts Engineering (Transvaal).







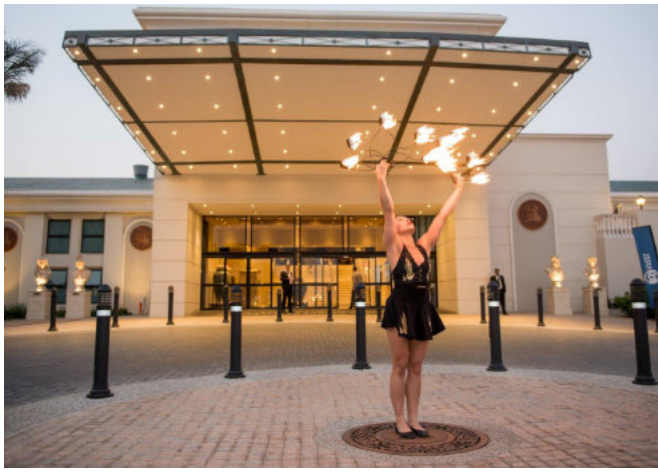












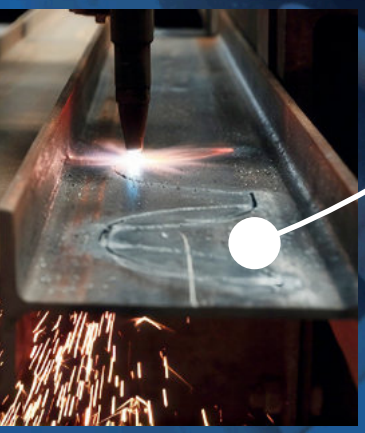


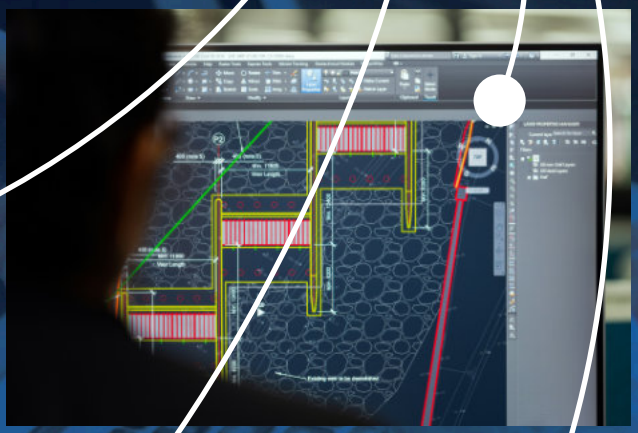




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