

# PtSA News

Newsletter of the Production Technologies Association of South Africa

Issue 16—June/July 2021

## PtSA helps the TDM Industry reach its full potential

**The Production Technologies Association of South Africa (PtSA) is a membership-based organisation with the mission of promoting, protecting, and supporting the collective interests of the Tool, Die, Mould and Special Machining industries (TDM) of South Africa, in order to support the growth and development of all manufacturing sectors.**

The best way to achieve this mission, PtSA is ensuring that it utilises its resources most efficiently and effectively for the benefit of its members, and the industry as a whole. These resources include the PtSA wholly owned Project Management company and implementation agency, the various partnership agreements that are in place, PtSA training facilities in the four (4) main regions, PtSA Trade Test Centres, PtSA corporate facilities and the regional executive committees.

At the same time, the partnership agreement between PtSA and Government (**the dtic**), the Intsimbi Future Production Technologies Initiative, has been strengthened to ensure the ongoing support by Government for PtSA skills development and enterprise development programmes. The programmes offered by PtSA are directly aligned to the National Government's Economic Reconstruction and Recovery Plan and support master plans such as the Automotive, Steel and Furniture Master Plans.

In addition to programmes offered through **the dtic** funding, PtSA is also offering programmes to its members and industry on a commercial basis at preferential rates. These include self- and company-funded Toolmaker and Machinist Apprenticeship Programmes, a Master Artisan Programme, short courses such as CNC Programming, wire cutting and EDM, and undertaking skills gap

analyses to assist companies to identify their training needs. Through its partnership and cooperation agreements, PtSA offers programmes to assist its members with improvements in efficiency, competitiveness and profitability, including assisting with implementation of quality management systems.

The PtSA-facilitated networking, match-making and information programmes are being reinforced by applying greater internal resources to these programmes, and strengthening of international linkages for members through the PtSA membership of the International Special Tooling and Machining Association (ISTMA). This includes linkages into Africa through the establishment of ISTMA Africa which is being facilitated by PtSA. PtSA regional executive committees are being positioned to play a more prominent role in representing the members from the regions with regards to the development of strategies for PtSA and for engagement



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by PtSA with Government and authorities on behalf of the members. In addition, the PtSA corporate facilities in the regions are available for use by the members for activities such as board meetings, conferences, and training.

## From the PtSA Group CEO's Office — Tapiwa Samanga



The PtSA family I greet you,

Officially, South Africa is now going through the third, and hopefully last, COVID-19 wave. Thankfully business has largely remained open, with annual growth now expected to be an above expected 4% plus. Manufacturing output remains subdued year

on year but there are some encouraging pockets of good stories that need to be nurtured. When COVID-19 hit our shores pessimistic expectations were that manufacturing output would hit levels last seen in 2009 after the 2008 financial crisis. This has not happened and we can assuredly say will not happen.

Over the past few months I have had opportunity to visit some of our members to check how they have survived the pandemic but also what their plans are post COVID-19. It was evident that the pandemic took everyone by surprise and the first reaction was to go into rigor mortis. However, as is typical with our sector, members revived themselves and started looking out for opportunities.

Due to the disruption in value chains, with limited movements of goods and skills, some of our members landed new contracts especially in the autos sector. We have to find ways of keeping and growing these opportunistic gains. All companies that I visited have in their employ our Toolmaker graduates and most of them have undergone our benchmarking/intervention. It is evident the graduates and the benchmarks are creating sustainable value in the recipient companies. This year all current students were successfully placed for workplace training. We are grateful for this solid support, may it continue. In Q3 we intend to enroll at least 65 Toolmaker trainees, we will be reaching out to our constituency for support and collaboration.

From the beginning of June 2021 we are going to train over 90 retrenched workers on a 16 week CNC accredited course.

This is a new activity for us and will be expanded as we provide customised training courses for our members. We will be reaching out to members on this initiative.

- Tapiwa

## Comments from the Group COO - John McEwan



Welcome to our June/July Issue of the PtSA News, which is being distributed to a wide readership through our PtSA network and via the Polymer Technology magazine. We thank Martin Wells, the Publisher and Managing Editor of the Polymer Technology magazine, and

his team, for their assistance with distributing this PtSA Newsletter.

In this Newsletter we are announcing the enhancement and consolidation of the corporate image and identity of the PtSA group, to demonstrate the alignment of the Association, and its project management company, with the industry we serve, the **TDM industry**.

The PtSA mission statement “promoting, protecting and supporting the collective interests of the TDM industry in South Africa, in support of the growth and development of all manufacturing sectors”, clearly aligns with the strategic importance of the TDM industry to the manufacturing industry, and indicates the role of the PtSA support to the TDM industry.

To further indicate the importance of the TDM industry we quote from an American study from 2012 by Bill Canis, a Specialist in Industrial Organisation and Business (Entitled: The Tool and Die Industry: Contribution to US Manufacturing and Federal Policy Considerations): “Tools, dies and moulds are fundamental to durable goods manufacturing ... the tool, die and precision machining industry, as a supplier of basic production equipment, has been and continues to be a very important factor in meeting the commercial needs of the country (USA).” The study goes on to say ... “without the manufacturers who design and make the tools, dies, jigs and moulds used to make other products, a revival of domestic (USA) auto and appliance industries would be difficult to envision...”

The TDM industry in South Africa is as important for the development of the manufacturing industry in South Africa, as is the TDM industry in the USA for the development of manufacturing in that country.

The mission of PtSA, and the support that the PtSA programmes offers to the TDM industry in order to rehabilitate and grow the industry, is vital for the growth of the manufacturing industry in our country.

We urge companies to join PtSA and become part of the network of companies which form the tool, die, mould and special machining industry, in support of the growth of manufacturing, and to benefit from the value of membership, for the sake of our economy.

- John

## NTIP Turns Blue

To enhance and consolidate the corporate identity of the PtSA group, the Directors, with the full support of Executive Management, have decided to rebrand **National Technologies Implementation Platform (Pty) Ltd (NTIP)** making it clear that it is an integral part of the PtSA group, as the operational capacity of the Association, and that the corporate appearance indicates the group support for, and alignment with, the tool, die, mould and special machining industries.

We are referring to this transition as **“Going Blue”!**

The PtSA operational capacity will continue to offer skills development and enterprise development benefits to the members of the Association, as well as continue to implement and support many of the other programmes and activities offered by PtSA to its members.



## PtSA Exco visits PtSA members in the Western Cape

The PtSA Executive Committee (Bob Williamson, Tapiwa Samanga and John McEwan) recently visited a number of member companies in the Western Cape to introduce Tapiwa Samanga, PtSA Group CEO, to these members and to follow up on the progress the companies are making post Level 5 Lockdown.

This opportunity was also used for Tapiwa and Emile Coetzee, Chairman of PtSA, to discuss the way forward

for PtSA and how the Association can improve support for its members. To quote Emile "it is vital for the Management and the Board of the Association to align the direction of the Association to the needs of the members. Discussions such as were held during the visit of the PtSA Exco to the companies in the Western Cape are a positive step in this direction". Visits to members in other regions will be undertaken in the near future.



Tapiwa and Emile (MD of Capewell Springs).



Bob, Tapiwa and John (in white jackets) with the TDM Powered Apprenticeship Graduates employed by Polyoak Mould Services, during the visit to the company. The graduates from left: Sulaiman Allie, Simphiwe Mgwurubana, Damiane Cramford, Chad Rolleston and Charles Tyers.



Bob and Tapiwa with Gerald Stark (Owner/Manager of Cape Metal Pressings) in front of one of the presses, recently installed by the company.



Bob and Tapiwa with Nizaam Manual (Foreman of Operations: Wagner Systems) and Lasni Miller (Managing Director of Wagner Systems) viewing the Matrix Tool Management System, installed by the company some time ago.



From left : Jonathan Samuels, Kevin Dramat (CEO of Dramco Tooling) and Tapiwa during the visit to Dramco Tooling.

## PtSA and Productivity SA team up

7Sea Plating, a PtSA member in the Western Cape, has recently launched their Kaizen Project, offered by Productivity SA, and facilitated by PtSA, to identify efficiency improvement opportunities and to implement improvement measures.

The launch of the programme, which is fully funded by the dtic, took place in the PtSA offices in Rosenpark in Cape Town with a training session involving the management and staff of 7 Sea Plating, and presented by Shadley Mohamed, Senior Productivity Practitioner at Productivity SA.

According to Albert Brink, Productivity SA's Executive Manager: Regional Operations, "this is a good example of the co-operation taking place between PtSA and Productivity SA, for the benefit of the PtSA members." He encourages more PtSA members to make use of the opportunity to participate in the Kaizen projects and to improve their competitiveness.

Steven Horwood, Manager of 7 Sea Plating says "the programme will be very useful to us going forward and that Productivity SA have been very effective in getting the staff to both understand and agree to the concepts. The

insights have been helpful and we have been able to apply them during our recent move to larger premises in 22 Losack Avenue, Epping 2. We can now apply the concepts of Kaizan to our production processes to increase our levels of compliance and productivity."

For more information regarding the Kaizen workshops or the Business Turnaround and Recovery Programme offered by Productivity SA (which is fully funded by the UIF) please contact Hettie Foord on 021 931 0070 or [hettief@ptsa.co.za](mailto:hettief@ptsa.co.za)



**Shadley Mohamed leading the training session held at the PtSA offices in Rosenpark Cape Town for 7 SEA PLATING.**

## ISTMA appoints new Directors



**Eduardo Medrano**  
(Asociacion Mexicana de Manufactura de Moldes y Troqueles).



**Ryan Huang** (China Die & Mould Industry Association).

The International Special tooling and Machining Association (ISTMA) recently appointed two new Directors to the ISTMA board. Bob Williamson, President of ISTMA, says that "we are pleased to welcome these new members to the Board and look forward to their contribution in strengthening the International Association for the benefit of the members".

**Please visit: <https://www.istma.org/en/istma> for the latest international news and upcoming events.**

## PtSA is Investigating Health Cover for its Members

**PtSA is in discussion with Momentum regarding the possibility of PtSA offering its members a health insurance product which is very affordable and which covers the costs for access for an employee and his family, to a number of healthcare products and services.**

The benefits of such a product is that employees have medical cover for a range of illnesses and ailments at an affordable cost, and that employers have the benefit of improved attendance at work. Further information regarding the outcome of the discussions and the structure of the product which could be offered, will shortly be communicated to the PtSA members.

**momentum**

## PtSA National Partners

**CALDEAZ**  
MANUFACTURING TECHNOLOGIES  
OFFICIAL RESELLER FOR  
Kroon, MELINDO, Wilbox



**momentum**  
consultants & actuaries

# Exports by Cape Metal Pressings continue to grow

Cape Metal Pressings, situated in the Western Cape and a member of PtSA, has experienced a growth of the exports of their products, despite lockdown conditions.

According to Gerald Stark, owner of Cape Metal Pressings the demand for their products is steadily increasing both locally and internationally, which is a good indication of the economic recovery taking place in spite of the pandemic. He is very positive about the future and has invested in new equipment and the expansion of his premises to meet the increasing demand.

Gerald indicates that in house manufacturing of their press tooling has given his business a competitive edge, and the use of a good website has helped to increase sales into diversified markets, both locally and internationally. He highly recommends that companies develop a good website as the core of their marketing strategy, and that this website should be well maintained and updated on a regular basis.



Gerald Stark with Maynard Nelani (Warehouse forklift driver and dispatch coordinator) preparing a shipment bound for Sweden.



Gerald with Brenda Siboxo who is working on an assembly process.



Josephine Nelani inspecting parts before packaging.

## PtSA offers Skills Development for the TDM Industry

**PtSA is offering the opportunity for employees of the tool, die, mould and special machining industry (TDM Industry) to participate in a skills development programme which is specifically structured to meet the needs of the industry.**

This programme is based on the SAQA approved Toolmaker Artisan Programme which is offered by PtSA and will utilise the PtSA training facilities in Gauteng, Eastern Cape, Western Cape and KZN.

The pilot for the programme has been launched at the PtSA Training Centre in Parow, Western Cape, with Mouldtec SA, a division of Evotec Plastics who identified two employees, Butholezwe Ncube and Yibonathi Ncedana, to undergo a skills gap analysis leading to the development of a training programme which will be custom-

ised for the specific employees. Standardised training programmes in the form of short courses will also be available to the TDM industry.

In addition, a number of generic training courses, such as quality management, finance, marketing, to name a few, will be offered through PtSA partnership agreements with service providers.

More details of the courses can be obtained from the PtSA office and will be published on the PtSA website and in future Newsletters.



Butholezwe Ncube



Yibonathi Ncedana



Evotec Plastics Management during a visit to PtSA Training Facility in Parow.

From left: Gernot Liebenritt, Roxanne Edson, Rikus Gouws (PtSA lecturer) and Roland Liebenritt.

## Eastern Cape Tooling Initiative integrates with PtSA

Tapiwa Samanga and the Chairman of the Eastern Cape Tooling Initiative (ECTI), Stephan Aucamp are pleased to announce that the agreement to integrate the ECTI into PtSA has been concluded and the ECTI was dissolved on 31 March 2021 on completion of a successful integration.

Stephan said “this is a great step forward for the Eastern Cape Tooling community and we look forward to being the regional chapter of PtSA and participating in the benefits that the association offers”. Tapiwa added “having the Eastern Cape members joining PtSA is enabling the development of the full potential of the Regional Tooling industry and the likelihood that the Eastern Cape will take a well-deserved leadership role in the South African Tooling Industry”.

Following this integration, several intervention projects, funded by the EC DEDEAT, through the AIDC Eastern Cape have been undertaken in four EC companies to improve the competitiveness of these companies. These Projects, undertaken by PtSA followed a three-stage approach which includes a company profiling process, an analysis of the capabilities of each company and the determination of the measures required in each company to improved efficiencies, leading to improve competitiveness. The implementation of the measures derived from this exercise is being undertaken by each company in consultation with PtSA. The four companies which were involved in the project are:

- **S4 Integration (Pty) Ltd**, offering turnkey automation and machine building solutions.
- **Getzz Projects**, offering precision manufacturing and machining services.
- **Hloza Engineering**, offering precision machining, mechanical repairs and steel fabrication.
- **AE Manufacturing**, offering specialized services such as designing, precision machining, reverse engineering& fabrication to name a few.

Simon Meyer from AE Manufacturing had the following to say about the project: “*AE Manufacturing is experiencing rapid growth. The project has helped us to address areas which are impacted by this growth and to consolidate and improve core processes in the business model and better prepare for the growth*”. He added that they would consider a PtSA benchmarking process after implementing the measures given in the recent projects.



**The PtSA Enterprise Development Team with Andrew White and Gideon Smith (S4 Integration).**



**Simon Meyer and his team from AE Manufacturing with the PtSA Enterprise Development Team.**

## PtSA appoints Business Development Manager

Following the integration of Eastern Cape Tooling Initiative (ECTI) into PtSA, Bronwyn Daniels, the former Executive Manager of the ECTI, has been appointed the new PtSA Business Development Manager responsible for PtSA membership recruitment and advertising sales.



Bronwyn has a good understanding of the tool, die, mould and special machining industry (TDM industry) in the Eastern Cape and is well known in the region. This puts her in a very favourable position to assist in the growth of PtSA in the region and to support

the PtSA Regional Executive Committee.

To quote Stephan Aucamp, the PtSA Regional Chairman, “Bronwyn has played an important role in the process of integrating the ECTI into PtSA in the EC, and her ongoing involvement with PtSA will be beneficial to the Association and to the members in the region.”

Although she will initially focus on the Eastern Cape, she will take on the responsibility for recruitment and advertising sales in the other regions over time.

Please see elsewhere in this Newsletter for more information regarding the benefits of membership and how to become a member of PtSA, or contact Bronwyn on 079 693 7216 or [danielsb@ptsa.co.za](mailto:danielsb@ptsa.co.za)

# The Directtech Group assists with supply of COVID-19 vaccines and increases local manufacturing

**In an ever-changing world full of new technology, the Directtech Group a member of the PtSA, is leading the way towards an automated future. A future in which production efficiencies and quality standards are attained through the intelligent application of Mechanics, Electronics, Intralogistics, and Robotics.**

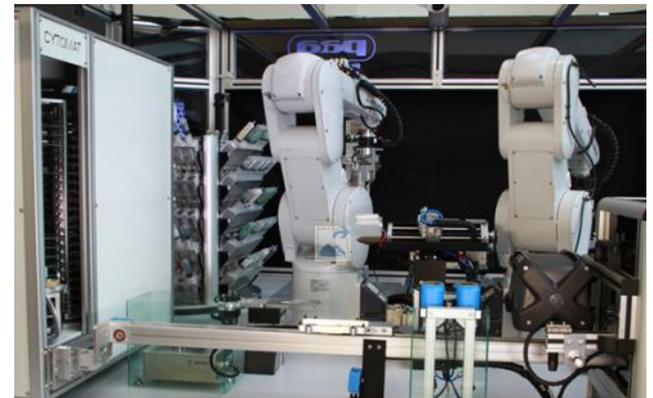
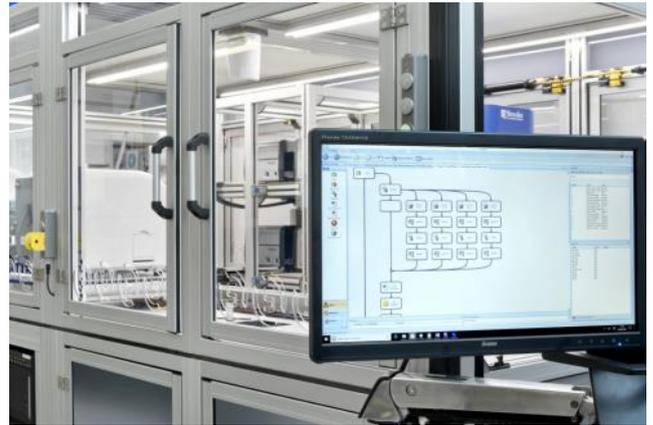
The Directtech Group is a mechatronics innovation and development company based in South Africa that specializes in custom-built industrial solutions for the automotive, pharmaceutical, mining, and food and beverage industries to name a few.

After 28 years of operating in Africa, the Directtech Group have broadened their global horizons in 2020 through the acquisition of Peak Analysis & Automation (PAA), located in Farnborough, UK, as well as Peak Robotics, based in Colorado, USA.

PAA design and build bespoke automated laboratory systems while Peak Robotics specialise in the design and manufacture of collaborative robots for laboratory systems. Their applications are used within the fields of life and physical sciences.

Through the acquisition of PAA and Peak Robotics, The Directtech Group have been able to manufacture automated laboratory processing facilities for a number of the world's leading pharmaceutical companies. Of late it has been involved in projects to automate Covid-19 test processing in both the UK and EU across multiple test protocols, reducing cross contamination risks, test processing costs, and lead times from test to results.

Covid 19 has disrupted a number of supply chains causing many shortages in materials and equipment in South



Africa. The Directtech Group has been able to assist market leading automotive manufacturers, and other industry leaders to overcome these shortages, by localizing the manufacturing of items normally sourced from overseas.

In these unprecedented times, it just goes to show the Directtech Group live up to their motto "Impossible is an Opinion" by going above and beyond, in the global fight against the covid 19 pandemic.

## Update on Toolmaker Trade Testing

**The PtSA Trade Testing facilities in the Western Cape and Gauteng are fully functional and available for trade testing of candidates who have completed their training (including graduates from the TDM Powered Artisan Programme) for the Occupational Certificate: Toolmaker (SAQA ID 91796).**

To accommodate those candidates who have not yet taken their trade test, PtSA is offering the opportunity to undertake the trade test at a subsidized cost. This cost to the candidate, or to their employer, will only be for the direct cost incurred in order to prepare the candidate for the test, such as ARPL & refresher training, and for the actual trade test.

Currently there are open slots available for candidates

that already have a trade test serial number, to undertake the refresher training, and to undertake the Trade Test.

More details of the cost and the schedule for the trade test process will be communicated directly with the TDM Powered candidates or can be obtained from Martin Botha ([martinb@ntipweb.co.za](mailto:martinb@ntipweb.co.za)) or Stacey-Ann Solomons ([staceyannsolomons@gmail.com](mailto:staceyannsolomons@gmail.com)) or Hettie Foord ([hettief@ptsa.co.za](mailto:hettief@ptsa.co.za))

Candidates who have not graduated from the TDM Programme (i.e., candidates from other programmes or from companies) are welcome to also contact Martin Botha for more details of how to apply for the Trade Test, or for a cost breakdown.

# PtSA CNC Skills Programme in collaboration with Resolution Circle to start soon!

We are excited to announce that PtSA has become involved with a new training programme. This training programme will take place in collaboration with training institution, Resolution Circle.

PtSA's role in this relationship is to present two CNC Skills Programmes to people who were retrenched, employment prematurely terminated or for those who are currently unemployed. The Skills Programmes are CNC Machine Operator (62 credits) and Basic CNC System Installer (19 credits).

The Programmes will be presented in Gauteng, Eastern Cape and Western Cape Training Facilities (TFs) over a period of 16 weeks, during which learners will receive training at the TFs for eight weeks and attend On-the-Job Training for eight weeks. A total of 13-unit standard qualifications must be completed during this time. Life Skills Level I will be adapted and presented, amongst other subjects. The various teams will be trained for the CNC Programmes and will be informed about the rosters within the next few days.

The Recruitment / Communication department received 736 applications in total, and after assessments of qualifications done in conjunction with Technical Services department, 31 female and 55 male learners ranging between the ages of 22 – 50 years have been selected!

Training Facility	Dates starting
Hermanstad, Gauteng Province	2 groups of 23 (1 <sup>st</sup> group starts on 4 June and 2 <sup>nd</sup> group starts on 13 August 2021)
Cape Town TF, Western Cape	1 group of 18 (1 <sup>st</sup> group start on 4 June)
Gqeberha TF, Eastern Cape	2 groups of 13 (1 <sup>st</sup> group start on 4 June and 2 <sup>nd</sup> group 13 August 2021)

## Hettie Foord joins the Association Office

Hettie Foord has relocated from the PtSA Centurion Office to the Association office in Cape Town, as the Personal Assistant to John McEwan, the Group Chief Operating Officer.

Hettie has a number of years' experience with the programmes offered by PtSA and is in a good position to advise members and prospective members with regard to the value of membership.

We welcome Hettie to the Cape Town office and wish her all the best in her new position.



## Upcoming Events

### PtSA Webinar-The Importance of Tooling to Support the Growth of Manufacturing in South Africa

PtSA will host a Webinar in early July, in the form of a panel discussion with the theme of the importance of tooling for supporting the growth of manufacturing in South Africa. The Webinar will allow an interactive process between the panellists and the audience in order to achieve maximum value for our members. Further details and invitations will be sent out shortly.

### Rapid Product Development Association of South Africa conference

The Rapid Product Development Association of South Africa (RAPDASA)-will co-host its annual conference with Robotics and Mechatronics (RobMech) and Pattern Recognition Association of South Africa (PRASA) conferences from 3-5 November 2021. The conference will bring together experts in the fields of additive manufacturing, electrical engineering, pattern recognition, robotics and mechatronics to present research and network with each other. More details will follow or see [www.rapdasa.org](http://www.rapdasa.org)

### ISTMA World Conference

The 16th International Special Tooling and Machining Association (ISTMA) World Conference is planned to be held in Shanghai, China, in June 2022, depending on the situation with Covid. Organised by ISTMA every 3 years, the conference will include technical sessions to keep attendees up to date with latest industry and technological trends, as well as a number of visits to local toolmaking companies. A comprehensive social calendar will also be included. PtSA, as a member of ISTMA, is planning to host a delegation of local companies to attend this conference. More details and exact dates will be communicated shortly.

## Recruitment for Artisan Toolmaker launched

We are excited to announce that we will have a new intake of Artisan Toolmaker learners in October 2021 in Western Cape, Eastern Cape, Gauteng and KwaZulu-Natal. The following two important advertisements which will be posted onto PtSA website and social media platforms from 21 June 2021.

### Do YOU want to become part of Toolmaking in the Manufacturing Industry?

**PtSA is presenting a Toolmaker Artisan Training Programme and you can discover the wonderful world of Toolmaking. The Programme will provide you with skills to work in a wide range of industries in manufacturing.**

**Duration:** 4 Years  
**Starting Date:** October 2021  
**Locations:** **Gauteng** (Pretoria), **Eastern Cape** (Gqeberha), **Western Cape** (Cape Town), **KwaZulu-Natal** (Umgungundlovu)

#### **Minimum Entry Requirements:**

**NQF Level 4 = N3, Grade 12, NC(V) 4**

**English, Mathematics, Physical– and Engineering Science**

**If you would like to know more about the Programme, visit our website [www.ptsa.co.za](http://www.ptsa.co.za).**



**Bursaries available for deserving learners**

**Closing date is 30 July 2021**

*Training provided by National Technologies Implementation Platform — A PtSA Group Company*

It would be appreciated if you can distribute this advertisement in your organisation.

Companies can also get involved by contributing to the training of a learner. See the advertisement below.

### Contribute towards upskilling of the manufacturing skills force!

**PtSA is presenting a Toolmaker Artisan Training Programme and we would like you, a valued employer, to sponsor someone to participate in the Programme.**

**Duration:** 4 Years  
**Starting:** October 2021  
**Locations:** Gauteng (Pretoria) / Eastern Cape (Gqeberha) / Western Cape (Cape Town) / KwaZulu-Natal (Umgungundlovu)  
**Contributions:** Between R12 000 and R80 000 per learner per year

#### **Benefits for sponsoring a learner:**

- **A company complying with legal requirements may claim from the Skills Development Levy from the relevant SETA**
- **A company can maximise its BBBEE points**

**We will be recruiting candidates between the ages of 18—35 years from June 2021, with the Minimum Entry Requirements:**

**NQF Level 4 = N3, Grade 12, NC(V) 4**

**English, Mathematics, Physical– and Engineering Science**

**If you need additional information, please send an email to [tdmenquiries@gmail.com](mailto:tdmenquiries@gmail.com)**



**Closing date is 30 July 2021**

*Training provided by National Technologies Implementation Platform — A PtSA Group Company*

## PtSA Member Benefits

Through membership of PtSA, companies join the national and global tooling industry fraternity.

### **Connectivity**

- PtSA members have the opportunity to become part of the national and global network of TDM companies.

### **Improvement of competitiveness of PtSA members**

- PtSA offers an international benchmarking process to its members;
- PtSA facilitates the implementation of productivity improvement programmes in member companies;
- PtSA, through the INTSIMBI partnership agreement, facilitates the funding of selected productivity improvements in member companies;
- PtSA, through the process of improving the competitiveness of companies, facilitates the growth of the supplier base for the benefit of the larger corporates, and in particular the OEM's.

### **Training and upskilling programmes**

- PtSA developed a number of SAQA approved artisan qualifications and training programmes for the tooling industry;
- PtSA is a provider of toolmaking and machinist training programmes that ensure trained artisans are available to the industry;
- PtSA has accredited training facilities in Western Cape, Eastern Cape, Gauteng and KwaZulu-Natal as the base for these artisan training programmes;
- PtSA short courses are available to its members in order to continuously improve the level of skills within member companies, and in particular with regard to new technologies.

### **PtSA is the collective voice of the TDM industry**

- PtSA regional executive committees co-ordinate inputs from members in each region in order to assist with formulating national strategies for engagements with government and authorities;
- PtSA members have the opportunity to participate in interactive dialogue with government and authorities regarding the development of the industry;
- The PtSA partnership agreement with government (INTSIMBI Future Production Technologies Initiative) facilitates dialogue between its own (TDM) industry and government.

### **Better understanding of the Fourth Industrial Revolution (4IR)**

- PtSA facilitates the understanding of technology developments for its members by means of information programmes, demonstrations, publications and networking;
- PtSA represents the TDM industry at a strategic level in formulating policies;
- PtSA training programmes are continuously adapted to changing technologies.

### **Networking, matchmaking and information programmes**

- PtSA hosts regular Networking meetings in the Western Cape, Eastern Cape, Gauteng and KwaZulu-Natal;
- PtSA has a large and comprehensive database which is utilised for the benefit of members;
- PtSA facilitates Business to Business (B2B) introductions;
- PtSA hosts an annual convention to facilitate interaction amongst members and to assist with the communication of developments in the industry.
- PtSA facilitates international connections for its members through its membership of the International Special Tooling and Machining Association (ISTMA World)
- Access to over 21 Associations in 20 countries/8000-member companies;
- PtSA hosts attendance at International Conferences organised by ISTMA;
- PtSA organises Trade Delegations.
- PtSA promotes sustainable development within the industry to ensure long term growth of the industry
- PtSA facilitates opportunities for members to have access to information, training, workshops, etc. on sustainable development.

### **PtSA corporate facilities are available for use by its members for activities such as:**

- Board meetings;
- Conferencing;
- Training.

### **PtSA website provides information about international and national news, events and trends in the industry.**

## **Join the Best**

Become part of the network of companies which forms the Tool, Die, Mould and Specialised Machining industry in South Africa:

- Participate in the benefits of membership;
- Support the growth of manufacturing in South Africa.

## **Who is eligible for Membership?**

Membership of PtSA is open to any company or organisation involved in the Tool, Die, Mould and Specialised Machining Industries in South Africa, and companies which are wholly dependent on tooling for their production processes:

- as manufacturers;
- as suppliers;
- as support services.

## Membership Categories

### Industry Membership

For companies actively involved in the design and manufacture of Tools, Dies, Moulds and Manufacturing systems, as well as companies undertaking Specialised Machining and companies which are wholly dependent on tooling for their production processes.

### Associate Membership

Generally, for companies which are customers of, or suppliers to, the Tool, Die, Mould and Specialised Machining industry.

### Institutional Membership

Generally, for associations, academic institutions or colleges, etc.

### Registered Individual Membership

Generally, for toolmakers, technicians, engineers or relevant interested parties employed in the Tool, Die, Mould and Specialised Machining industries.

PtSA has a partnership agreement with Government



**intimbi**

PtSA has an international footprint



PtSA is a member of International Special Tooling and Manufacturing Association

## Contact details:

### John McEwan (Group Chief Operating Officer)

Mobile: +27 (0)82 882 0599

E-mail: [johnmc@ptsa.co.za](mailto:johnmc@ptsa.co.za)

### Hettie Foord (PA to Group Chief Operating Officer)

E-mail: [hettief@ptsa.co.za](mailto:hettief@ptsa.co.za)

### Bronwyn Daniels (National Business Manager)

Mobile: +27 (0)79 693 7216

E-mail: [danielsb@ptsa.co.za](mailto:danielsb@ptsa.co.za)

### Liza du Plessis (PtSA News: Editor)

Mobile: +27 (0)82 643 8962

E-mail: [lizadp@ptsa.co.za](mailto:lizadp@ptsa.co.za)

**Address:** 1 Sunbird Office, Pasita Street, Cape Town

**Telephone:** +27 (0)21 931 0070

**Website:** [www.ptsa.co.za](http://www.ptsa.co.za)

**Fb:** [www.facebook.com/PtSA01/](http://www.facebook.com/PtSA01/)

