



REPUBLIC OF SOUTH AFRICA

NATIONAL N3 CERTIFICATE (ENGINEERING STUDIES)

Awarded to

JACOBUS GIDEON LOUW

Identity number 9501165398080

Subjects passed

Mechanotechnology

N3 C 60%-69%

Electro-Technology

N3 D 50%-59%

Engineering Science

N3 C 60%-69%

Mathematics

N3 A 80%-100%

With effect from December 2015

M. S. LAKOMETS

Chief Executive Officer

160 2513 7845 L



This certificate is issued without alteration or erasure of any kind



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**Council for Quality Assurance in
General and Further Education and Training
South Africa**

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(See reverse for more information)



REPUBLIC OF SOUTH AFRICA

National Senior Certificate

Awarded to

JACOBUS GIDEON LOUW

Identity number 9501165398080

Subject	%	Achievement
		level
Afrikaans Home Language	69	5
English First Additional Language	68	5
Mathematics	58	4
Life Orientation	87	7
Engineering Graphics and Design	76	6
Information Technology	68	5
Physical Sciences	52	4
*****	***	*

This candidate is awarded the National Senior Certificate and has met the minimum requirements for admission to bachelor's degree, diploma or higher certificate study as gazetted for admission to higher education, subject to the admission requirements of the higher education institution concerned.

With effect from December 2013

M. S. LAKOMETSI

Chief Executive Officer

This certificate is issued without alterations or erasure of any kind

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**Council for Quality Assurance in
General and Further Education and Training
South Africa**
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WorldSkills recognizes

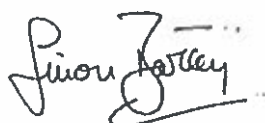
Jacobus Louw

South Africa

for their participation in

Mobile Robotics

at the **44th WorldSkills Competition**
in Abu Dhabi, United Arab Emirates,
from 14 to 19 October 2017.



Simon Bartley
President of
WorldSkills International



Stefan Praschl
Chair of the
Technical Committee

**GOLD
MEDALIST**



**WORLD SKILLS SOUTH AFRICA
GOLD MEDAL AWARD TO**

Jacobus Gideon Louw

ID: 9501165398080

FOR OUTSTANDING ACHIEVEMENT IN

MOBILE ROBOTICS

**at the 2nd National Competition in Durban
from 14 to 16 February 2017**

A handwritten signature in black ink, appearing to be "M Manana", written over a horizontal line.

M MANANA
Deputy Minister, MP
Higher Education & Training

A handwritten signature in black ink, appearing to be "DK MABUSELA", written over a horizontal line.

DK MABUSELA
Chief Director
Skills Development



**higher education
& training**
Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

CERTIFICATE

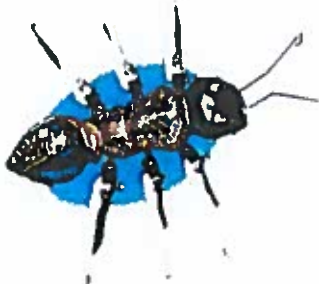
FESTO

Global Training Provider - Established 1965
Established in South Africa since 1973

This is to certify that:	J.G. Louw
Identity Number:	9501165398080
Has completed hands-on industrial technology training and theory for:	Basic Hydraulics Design, Install and Test a Basic Hydraulic System
Dates:	29 June – 01 July 2016
Date of Issue:	01 July 2016
Certificate Serial Number:	33865



Training and Development Engineer



WE ARE THE ENGINEERS OF PRODUCTIVITY

