



Company Profile

Steelwork, Mechanical, Electrical,
Instrumentation and Piping

(S.M.E.I.P)

Engineering, Fabrication and Site Erection





Channel Construction was founded over 20 years ago as a medium to heavy fabricator and erector of structural steel including the manufacturing of modular structures, pipe-racks, pipe-spools, fabricated tanks and site erected tanks (using the Jacking Method).

Located in the Durban Bayhead area, the workshop and fabrication facilities have over 25,000 m² of open and closed space which includes an along side load out quay dredged to 11 meters and a number of boat slipways and access to dry dock.



At **Channel Construction** we aim to deliver manufacturing and engineering projects within budget; on time to exacting standards and to maintain safety and quality standards.

Channel Construction has a CIDB grading of 9ME PE, 7SL PE, and 7 CE. We are accredited with SABS ISO 9001:2015, ISO 3834, as well as a Level 1 B-BBEE status. We are committed to Preferential Procurement Policies whereby we empower small and local businesses.

Channel Construction is 100% Black Owned.



Bucket Wheel



Orebin

Mission

Channel Construction has a proven ability of ensuring cost effective and skilled manufacture of products to exacting standards. We manufacture in carbon steels, stainless steels and exotic materials and offer the following in our range of products:

- Structural Steelwork
- Tanks, Pressure Vessels, Heat Exchangers
- Hoppers, Ducting & Chutes
- Process Equipment
- Materials Handling Equipment and Conveyors
- Specialised Equipment and Components
- Maintenance & Repairs
- Site Erection



Rehabilitation of the Inner Caisson at the Dry Dock



Sappi Ngodwana : Structural Steelwork



Slimes Bolted Thickener

Manufacturing Capabilities

The workshop area is serviced by 4 overhead cranes ranging in capacity of 5 tons to 15 tons under hook. With a total lifting capacity of 30 tons, we have a full range of equipment to carry out medium to heavy engineering fabrication including, but not limited to:

- Welding Machines
- Plate Rolls- roll up to 100 mm thick plate
- Cropper/Shear
- Guillotine – 13m/m thick plate over 3.2m
- Press brakes 300 ton over 4.2m
- Full Blasting and Painting Facilities
- Skyjack
- Bend Press
- Radial Arm Drill
- Mobile Compressor
- Bandsaw Pipe Cutting Machine



Radial Arm Drill



Guillotine



Skyjack

Workshop Facilities

Channel Construction has the full capability to perform site erection projects, offering the following equipment:

- 2 X 60 ton Tadano All Terrain Cranes
- 250KVA Diesel Generators
- Scaffolding
- 50 X 450AMP Welding Machines
- Tank Jacking System
- Forklifts
- Site Vehicles
- Small Tools



Crane Repair

Site Erection Equipment



Transnet – Diversion Tank



Built-In Modular Structure for Crystallizers for Nickel Mine

CLIENT	PROJECT	VALUE
Bateman	Hope Bay – Canada - Structural Steelwork for Modular plant +/- 300 tons	R 18 000 000
Transnet Capital Projects TM 1	Fabrication of Foam and Deluge system for Storage Tanks T2108R and T2107R at Island view (Piping)	R 30 000 000
Metso ND Engineering	Sappi Ngodwana- Gocell - Design, Conveyors and Structural Steelwork	R 23 000 000
Matomo Mining	Barberton – Fairview Mine - Tankage, Structural Steelwork	R 52 000 000
Mopani Mine	Cold Exchangers for Acid Plant	R 45 000 000
MIP Process Technologies	8 Off Thickeners	R 30 000 000
Transnet Capital Projects	Sump Tanks, Prover Tanks and Flush Tanks	R 15 000 000
Elgin Engineering/ Hitachi	Medupi/Kusile Ducting for Power Station	R 50 000 000
TNPA	Refurbishment of Dry-dock Caisson - (including Bulge Piping Fabrication and Installation)	R30 000 000
Veolia Water	Kpone Power Plant - Structural steel fabrication including piping	R3 000 000
TGC	Construction of Mechanical and E & CI works for the SO5 to NO2 Transfer point in the Port of Richards Bay	R5 503 900
Integrity Africa	Fabrication of Foam and Deluge system for Storage Tanks (Piping)	R4 000 000
Hosaf	Piping & Supports	R8 000 000
Mathekane	MGC-Mantsonyane Congregation Hall : Completed Structural Steel, Fabrication & Installation	R4 500 000
Subtech	Struts – Supply and Fabricate for Maputo Port	R5 000 000
TNPA	Port of Cape Town – Repairs to the floating Caisson at Robinson Dry Dock for a period of 3 months	R4 000 000
Talbot & Talbot	Sappi Saiccor - Wash Water Clarifier Piping	R4 000 000
TNPA	1200 Ton Slipway Cradle Project in the Port of Port Elizabeth	R119 000 000
Andritz Delkor	Oaky Creek Coal – 35M bolted Thickener	R11 000 000
ND Engineering	Sappi Saiccor - Workshop	R6 000 000
TNPA	Detailed design, manufacture, supply, delivery, and installation of Capstans that are hydraulically driven as well as final testing, commissioning,	R203,000,000
Idwala Holdings	Ore Sorter Project (Conveyors, Structural Steel Works & Vessels)	R45 605 680
TNPA	Redesign, Fabrication, and Installation of Lifting Platform Main Beams at Syncrolift Dry dock in the Port of Cape Town	R25 786 000
TGC	Design, Supply & Install Low Apron Feeder in the Port of Richards Bay	R25 326 203

Selected Previous Experience

Channel Construction focuses on medium to heavy sized engineering projects in the following markets:

Chemical • Oil & Gas •
Petrochemical • Mining & Industrial
• Sugar • Paper & Pulp • Turnkey •
Shipping • Rail • Power Generation



Project Experience



Transnet Diversion Tanks



Barberton Tailings Plant



Transnet - Fuel Storage Tanks



Built-In Modular Structures for Crystallizers for Nickel Mine



Project Experience



**Modular Structure
for Wax Plant**



Conveyors for Coal Wash Plant



**Stainless Steel
Drop Separator
for Boiler**



**Flush Tanks for
Tank Farm**



**Elution Tower
for Mining Plant**



Diversion Tanks



Cold Exchangers for Acid Plant

Project Experience



Tanks for Sulphuric Acid Plant in the Democratic Republic of Congo



Slimes Bolted Thickener



Kusile - Ducting

Project Experience

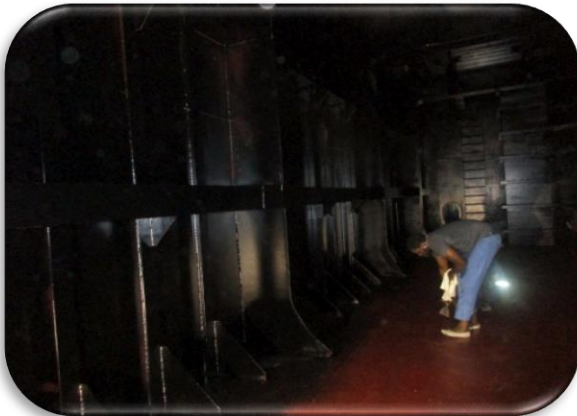
Mondi Felixton - Upgrade of Mondi Packaging



NPC Port Shepstone - Piping for Alternate Liquid Fuel

Sappi Umkomaas - Upgrade of C3 Plant

Project Experience



Rehabilitation of Outer Caisson at Dry Dock in the Port of Durban

Project Experience

Mozambique - Skips

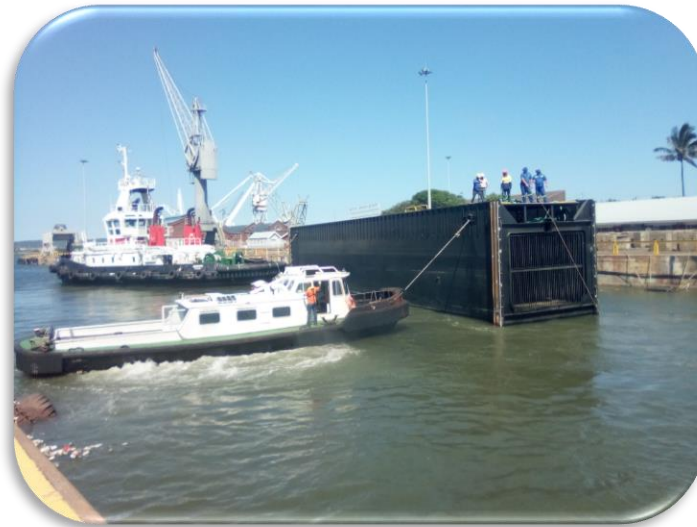


Lifting Platform Main Beams at Syncrolift Dry Dock in the Port of Cape Town



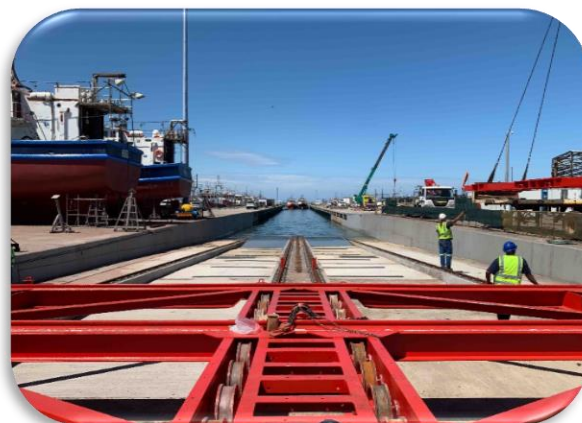
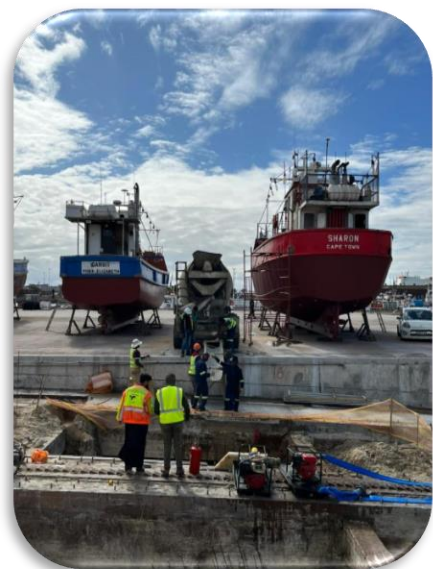
30m³ and 60m³ Filtrate tanks for Filtaquip

Project Experience



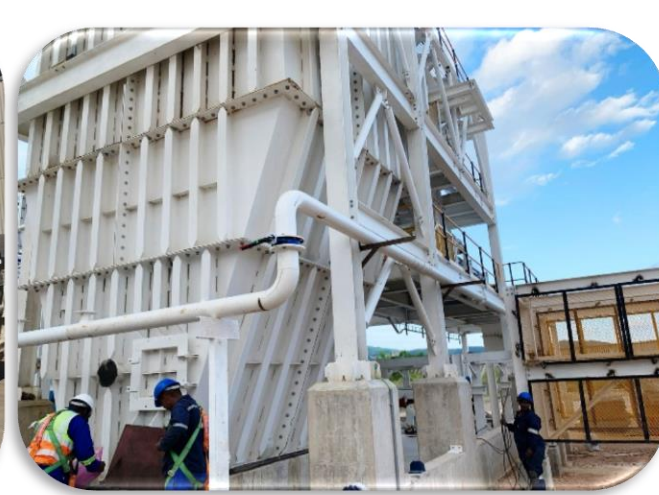
Refurbishment of the Inner Caisson at Dry Dock in the Port of Durban

Project Experience



**1200ton Slipway Cradle Project in the Port of Port Elizabeth
(Mechanical, Civil, Structural and Electrical Upgrades)**

Project Experience



**Idwala Ore Sorter
Project,
Supply & Installation of
Steelwork, Conveyors &
Vessels**

Accreditations



INTERNATIONAL INSTITUTE OF WELDING



Having satisfied the requirements of the
IIW Manufacturer Certification Scheme
according to ISO 3834

Company: Channel Construction
The Unit: Fabrication Workshop
Located in: 3 Clydebank Road, Bayhead, Durban, Kwa-Zulu Natal
is certified in accordance with



ISO 3834 Part 2

For the product(s): Pressure Vessels, Pressure Equipment, Pressure Piping,
Tank/Containers and General Structural Steel

with the scope of work stated in the attached Schedule

Certificate number and revision status: ZA-180/1 – Rev. 0

First issue date: 08/03/2018

Current issue date: 06/05/2021

Date of expiry: 07/03/2024

ANBCC Governing Board Representative
John Tarboron

SAIW Certification
52 Western Boulevard
City West
Johannesburg
South Africa

Scheme Manager
Herman Potgieter

SAIW
Certification



This Certificate is subject to the rules established by IIW
for the certification of Companies



Accreditations



IIW Manufacturer Certification Scheme

SCHEDULE

Schedule Revision Date 07/03/2024 Rev. 2

Related to Certificate Number ZA-180/1 Rev. 0

Product/Construction standard(s)

ASME VIII / ASME B31.1 / ASME B31.3 / AWS D1.1 / AWS D14.1

Alternative Standard(s) (refer to ISO 3834-5, clause 2.1 b)

Welding Process(es) (ISO 4063)

MMA (111) / MIG/MAG (131/135) / TIG (141) / FCAW (136) / SAW (121)

Parent Material Group(s) (ISO/TR 15608)

1 / 8 / 11

Responsible Welding Coordination Personnel		Technical knowledge (3)
Name (Qualification) (1)	Job Title (2)	
R Bundhoo	RWC	Basic

ANBCC Governing Board Representative

John Tarboton



Scheme Manager

Hermian Potjieter





The standards and documents referred in the certificate and schedule are those valid at the time of certification

Accreditations

SABS

Certificate of Registration

This is to certify that the Quality Management System of

CHANNEL CONSTRUCTION (PTY) LTD
Co Reg. 2004/009100/07
DURBAN

*has been assessed and found to
satisfy the requirements of*

ISO 9001:2015

QUALITY MANAGEMENT SYSTEMS - REQUIREMENTS

In respect of

THE FABRICATION OF STEEL PRODUCTS

NOT APPLICABLE CLAUSE:

8.3 DESIGN AND DEVELOPMENT OF PRODUCTS AND SERVICES

This certificate, including the schedule which forms an integral part thereof:
- Is issued without alteration;
- Is identified by the applicable registration number;

- Is subject to any condition or limitation contained therein;
- Is valid subject to ongoing compliance with certification requirements;
- Bears the embossed SABS Commercial seal. In the absence of the seal, the certificate and the schedule shall be invalid; and
- The certificate may be authorized by referring to the register of "Certified Clients" on the SABS Commercial website (www.sabs.co.za)

Registration Number **LS 3809**

Effective Date **07 December 2021**

Expiry Date **28 November 2024**

Date of Original Registration **29 November 2006**

Chief Executive Officer



CR18

SABS COMMERCIAL SOC LTD
101 Lombard Street
Durban 4001

A4M0013881



Broad-Based Black Economic Empowerment Verification Certificate CHANNEL CONSTRUCTION (PTY) LTD

Certificate Number: 01/B-BBEE/2023/00606/GEN

Registration Number: 2004/0091004/07
VAT Number: 4840214920
Head Office Location: 3 Clydebank Road
Bayview
Durban
4000

Verification Standard Applied: Construction Sector Code
Issue of the Rating Standard Applied: Section 9 of the B-BBEE Amendment Act 46 of 2013
Scorecard Applied: Large Enterprise (R150 million)


B-BBEE Level: A level ONE contributor to B-BBEE
B-BBEE Procurement Recognition Level: 135%
Black Ownership: 100,00%
Black Women Ownership: 5,00%
Y.E.S Initiative Applied: No Y.E.S. Initiative
Financial Year Rated: 2022/12/31

Element	Element weighting	Score
Ownership	27	25,00
Management Control	18	15,40
Skills Development	21	24,68
Enterprise and Supplier Development	34	35,21
Socio-Economic Development	5	5,00
Y.E.S Initiative Bonus Points		0,00
Overall Score	105	105,29

Empowering Supplier	Yes
Designated Group Supplier	No
Modified Flow Through Applied	No
Exclusion Principle Applied	No
Discounting Principle Applied	No
Black New Entrant Percentage	5,00%

Black Designated Group Percentage	0,00%
Black Youth Percentage	0,00%
Black Disabled Percentage	0,00%
Black Unemployed Percentage	0,00%
Black People Living in Rural Areas Percentage	0,00%
Black Military Veterans Percentage	0,00%

This verification certificate and verification report is based on information provided to Amax BEE Verifications (Pty) Ltd and represent an independent opinion based on the verification and analysis completed by Amax BEE Verifications (Pty) Ltd. The calculation of the scores has been determined in accordance with the Construction Sector Code as Gazetted, Gazettes 41287, 41866 and 41975


Gerhard Stols (Technical Signatory)
For Amax BEE Verifications (Pty) Ltd
tel: 012 546 7248 | fax: 086 672 5709
260 Jack Hindon Street | Pretoria North | 0182
PO Box 36949 | Pretoria North | 0116

Date of issue: 14 June 2023
Expiry date: 13 June 2024
Period of validity: 12 Months



Contractor Details

CRS Number

214772

Enterprise Status

Active

Contractor Name *

CHANNEL CONSTRUCTION

Type of Enterprise

Private Company

Trading Name

CHANNEL CONSTRUCTION

Current Contractor Grading Designation

PE 9ME, 7SL, 7CE

Expiry Date

2025-09-26

Contractor Grades

Approved Grade	Class of Work Type	Active From	Activation Date
7	CE	2022-09-30	2022-09-30
9	ME	2022-09-22	2022-09-22
7	SL	2022-09-22	2022-09-22

Contact Us

DURBAN, SOUTH AFRICA

Head office / Workshop

Address : 3 Clydebank Road, Bayhead, Maydon Wharf

Tel: +27 31 205 7401

Email: enquiries@channelgroup.co.za

Web: www.channelgroup.co.za

ZAMBIA:

118 Insurance House, Town Centre

P.O. Box 71231

Tel: +260 212 612 324 (Office)

MOÇAMBIQUE:

Registration : 20130000035372

Av. Martires de Inhaminga, Gate N° 4, Maputo port,
Workshop A2, Maputo, Mocambique

