



# INTERNATIONAL INSTITUTE OF WELDING

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

**Company:** Efficient Engineering

**The Unit:** Fabrication Workshop

**Located in:** Cnr Gross & Nywerheid Roads, Tunney Ext 3, Elandsfontein

**is certified in accordance with**

## SANS ISO 3834 Part 2

**For the product(s):** Light to Heavy Engineering, Pressure Vessels, Columns, Heat Exchangers, Tanks, Silos, Modular E-houses, Material handling Equipment- Stackers, Reclaimers, Draglines.

**with the scope of work stated in the attached Schedule**

**Certificate number and revision status:** ZA-094/1 – Rev. 0

**First issue date:** 2015/08/06

**Current issue date:** 2018/08/06

**Date of expiry:** 2021/08/05

**ANBCC Governing Board Representative**

**Scheme Manager  
Herman Potgieter**

SAIW Certification  
52 Western Boulevard  
City West  
Johannesburg  
South Africa



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





# IIW Manufacturer Certification Scheme

## SCHEDULE

Schedule Revision Date 2021/08/05 Rev. 0

Related to Certificate Number ZA-094/1 Rev. 0

### Product/Construction standard(s)

BS/PD 5500/EN 13445 / AWS D1.1 / AWS D14.1 / AWS 14.3 / EN 12952 / ASME I / ASME VIII / API Codes

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

### Welding Process(es) (ISO 4063)

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

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

1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 11 / 21-26 / 41-48

### Responsible Welding Coordination Personnel

Name (Qualification) (1)	Job Title (2)	Technical knowledge (3)
D Vandezande	RWC	Comprehensive

ANBCC Governing Board Representative

Scheme Manager  
Herman Polgieter



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





Having satisfied the requirements of the SAIW Certification Welding Fabricator  
Certification Scheme for the Management of Quality  
in accordance with ASME Section VIII Division 1 Appendix 10  
as incorporated into SANS 347:2012 Annex C

Company: **Efficient Engineering**

Located in: **Cnr Gross & Nywerheid Roads, Elandsfontein**

The Unit: **Fabrication Workshop**

Is Certified for the products: Pressure Vessels as required by SANS 347:2012  
Appendix C for vessels stamped RSA/CI/OHSA

Certified number: **ZA-032/1**

Revision Status: **0**

Issue Date: **2018/08/06**

Date of Expiry: **2021/08/06**

ANBCC Certification Board Representative

**Herman Potgieter**  
Scheme Manager

**2018/08/06**

Date

*This certificate is subject to the rules established by SAIW Certification for the certification  
of Welding Fabricators and remains the sole property of SAIW Certification*