



**Sui Southern Gas
Company Limited**

CORROSION CONTROL DEPARTMENT

AC-DC Clamp Meter **Technical Specifications**

ABBAS NAJAMUDDIN
Assistant Engineer
Corrosion Control
Sui Southern Gas Company Limited

MUHAMMAD USMAN BHATTI
Senior Engineer
Corrosion Control
Sui Southern Gas Co. Ltd.



Sui Southern Gas Company Limited
Corrosion Control Department

SSGC

TECHNICAL SPECIFICATIONS

AC-DC Clamp Meter

DATE: 21-10-2025

SPECS-13/10-25

REVISION: 01

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1. Introduction

Battery Operated Hand Held light weight AC-DC Clamp Meter light weight and suitable for field use.

2. Specific Requirements

The equipment shall include but not limited to the following:

Parameter	Description
AC Current (A)	1A - 400A (3.5% $\pm$ 5)
DC Current (A)	1A - 400A (3.5% $\pm$ 5)
AC Voltage (V)	600 V (1% $\pm$ 5)
DC Voltage (V)	600V (1% $\pm$ 5)
Resistance (Ω)	20 M Ω
Capacitance (F)	20mF
Frequency	3 kHz
Zero Mode	Yes
Temperature & Humidity	-10 to 50 °C $\leq$ 80% RH(at 0-30 °C) $\leq$ 45% RH(at 40-50 °C)
Jaw Opening	25mm minimum
Category Rating	CAT II (600V) CAT III (300V)
Continuity Test	Yes
Relative Mode	Yes
Polarity Detection	Auto
Diode Testing	Yes
Auto Power Off	Yes
Data hold	Yes
Power	1.5V (AAA) or AA

3. Accessories

- Carrying Case
- User Manual
- Warranty Card
- Batteries (AAA) or (AA)

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4. Documentation and Warranty Requirements

The bidder shall submit the following documents and commitments along with the bid:

1. Original printed technical literature (*Mandatory*). Bids without attached literature shall

be liable for rejection.

➤ **Warranty:** The instrument shall have two years warranty against free replacement of the instrument or free repair including of parts in case the instruments fails to operate as per specifications

2. **Delivery Period:** Delivery shall be completed within 30 days from the issuance of the Purchase Order (PO).

Prepared By	Checked By	Approved By
 ABBAS NAJAMUDDIN Assistant Engineer Corrosion Control Sui Southern Gas Company Limited Abbas Najamuddin Assistant Engineer-CC	 MUHAMMAD USMAN BHATTI Senior Engineer Corrosion Control Sui Southern Gas Co. Ltd. Usman Bhatti Senior Engineer-CC	 Anwer Ahsan Khan General Manager-CC