

SSGC/LP/EPADS/3Q/21330

SUI SOUTHERN GAS COMPANY LIMITED

SPECIAL TERMS AND CONDITIONS.

Spares for Gluing Machine – Glue Dispensing Nozzle

1. The bidder must be registered with NTN and GST.
2. Bidders are required to visit the site prior to submitting their bids to fully understand the operational requirements and the functional use of the Glue Dispensing Nozzle.
3. All items supplied must be brand new, unused, of the latest manufacturing batch, and free from any defects in material or workmanship.
4. All Gluing Machine spares must be fully compatible with the specified part numbers.
5. Items must be securely packed using appropriate protective materials to prevent any damage during transportation, handling, or storage.
6. Each package shall be clearly labeled with the item name, quantity, manufacturer details, and the relevant purchase order number to ensure proper traceability.
7. Any item found non-compliant with the specifications or deemed unsuitable during inspection will be rejected. The supplier shall replace such items at their own cost within the stipulated period, without affecting ongoing operations.


Harris Ahmed Siddiqui
Senior Engineer
Motor Manufacturing Plant
Sui Southern Gas Co. Ltd.

GENERAL REQUIREMENT:

The glue dispensing nozzle shall be a precision-engineered component for controlled and repeatable adhesive application in the measuring unit assembly of V3 Gas Meters. It shall ensure uniform flow, accurate dispensing, and consistent performance during continuous production. The nozzle shall be manufactured to the specified dimensions and tolerances, with a smooth and concentric internal bore to prevent clogging, leakage, pressure fluctuation, or variation in adhesive output.

DIMENSIONS:

Parameter Description	Specification (mm)	Tolerance (mm)
Head Outer Diameter	5.95	±0.05
Head Edge Width	1.48	±0.05
Head Inner Diameter	3.14	±0.05
Body Diameter (Upper)	4.28	±0.05
Body Diameter (Lower)	4.04	±0.05
Shaft Diameter	2.51	±0.05
Total Length	103.94	±0.5
Lower Inner Diameter	1.84	±0.05

MATERIAL & CONSTRUCTION:

- Material: **Stainless Steel SS316**, suitable for continuous glue dispensing.
- Material shall be corrosion resistant and chemically compatible with industrial adhesives.
- Internal bore and outlet shall be precision-machined and smooth to ensure uniform flow and prevent adhesive build-up or blockage.
- Construction shall ensure mechanical strength, wear resistance, and dimensional stability during repetitive operation.

PERFORMANCE REQUIREMENTS:

- Consistent, controlled, and repeatable glue dispensing under continuous operation.
- No leakage, clogging, deformation, or functional failure during service.
- Dimensional stability shall be maintained under operating pressure of the dispensing system.

QUALITY & WORKMANSHIP:

- Free from burrs, sharp edges, cracks, dents, or surface defects.
- All dimensions shall comply strictly with the specified tolerances.
- Each nozzle shall be fully interchangeable without affecting machine performance.

INSPECTION & ACCEPTANCE:

- Dimensions shall be verified using calibrated measuring instruments.
- Material and workmanship shall be verified by visual inspection.
- Non-conforming items shall be rejected and replaced by the vendor free of cost.

PACKING & IDENTIFICATION:

- Nozzles shall be packed to prevent damage or contamination during handling and transport.
- Each package shall be labeled with item name and quantity.

UNCONTROLLED
COPY

Prepared By:

Checked By:

Approved By:

Revision No. 00

Date: January 22nd, 2026