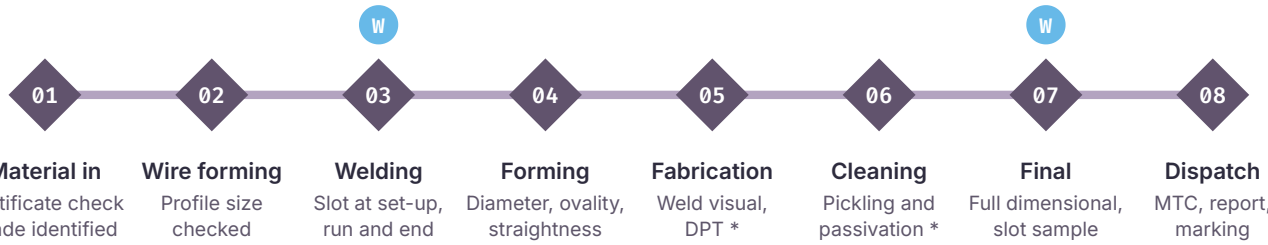
QUALITY

Checked from material to dispatch

At SIMO Screens, every order is inspected from raw material to dispatch under an ISO 9001:2015 quality system, and the Mill Test Certificate travels with every product.

Every stage has a defined check, method, frequency and record. The slot is held to plus or minus 5 percent of nominal and read at the screen face, where it is narrowest.

INSPECTION AND TEST PLAN



◆ Record kept for every order ● Witness point for buyer inspection * where the specification calls for it

STAGE	CHECK	METHOD OR INSTRUMENT	FREQUENCY
1. Incoming wire and rod	Certificate against the purchase order; grade identification and segregation	Certificate review; PMI through an approved agency, on request	Every heat or lot
2. Profile wire forming	Width and height against the SIMO profile code	Calibrated micrometer or profile gauge	Start of each coil or batch, then at intervals
3. Welding	Slot opening	Feeler gauges; optical measurement where a physical gauge cannot be used	Set-up, at intervals during the run, end of each screen
4. Forming	Diameter, ovality, straightness; panel flatness	Tape, callipers, straight edge	Every screen
5. Fabrication	Visual weld inspection; dye penetrant testing where specified	Visual to ISO 17637; DP to ISO 3452 or ASTM E165	Every weld; DP as specified
6. Cleaning and passivation	Surface free of scale, oil and free iron	ASTM A380 or ASTM A967, through an approved agency, on request	Every screen treated

SLOT CONTROL

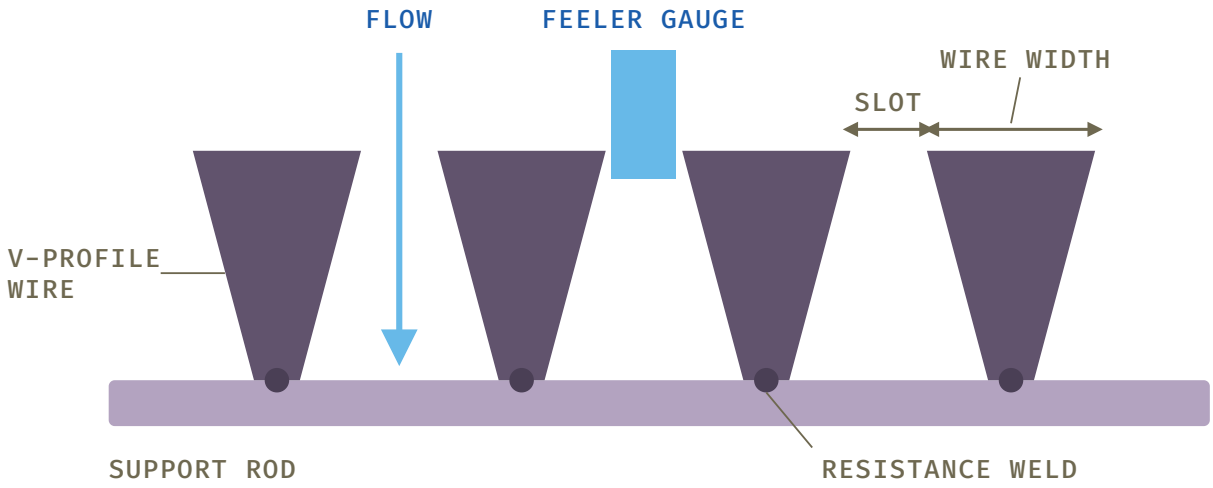
Measured through the run

ISO 9001:2015
Quality system covering design, production and inspection.

Slot control
Feeler gauges through the run; optical measurement where a gauge cannot be used.

Final inspection
Report records minimum, maximum and mean slot against tolerance.

Traceability
QR-coded tag (laser marking where required); heat numbers traced to the MTC.



The gauge reads the slot at the face. Behind the face the opening widens, so what passes cannot wedge.

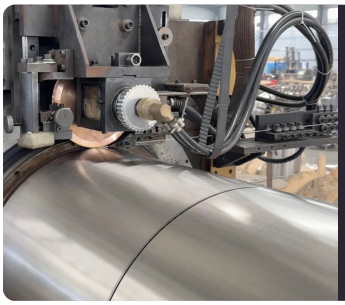
DOCUMENTS SUPPLIED WITH THE ORDER

- **Standard:** Mill Test Certificate with every product, with heat numbers traceable to the finished screen.
- **On request:** dimensional inspection report with minimum, maximum and mean slot, quality assurance plan and GA drawing.
- **On request, through approved agencies:** dye penetrant testing, positive material identification, pickling and passivation to ASTM A380 or A967, and third-party inspection.

IS 8110:2019

ISO 9001:2015 quality system
Water well screens to IS 8110:2019 under BIS licence

MAKE IN INDIA



Ask for our quality documents

sales@simoscreens.com · +91 93730 08466 (phone and WhatsApp)

Scan to open the specification form. Our engineers will connect with you within a working day.