

COMPLIANCE STATEMENT



Without compromise, every brazing fitting sold by Highflo Company meets or exceeds the specifications for copper tube as detailed by NZS3501, or is the equivalent by its nearest comparable international standard.

New Zealand does not have a specific standard's document dedicated to Copper Brazing Fittings, rather they are 'associated' with NZS3501 which is not ideal as it's not specifically written to incorporate Copper Fittings. Therefore Highflo ensures supply of fit for purpose Copper Fittings by adherence to the undertakings as detailed below:

Currently, all mother tube that we bend in New Zealand, is from Nungwon Korea. Certification and compliance documentation to NZS3501 standard is available upon request.

Should you have a brand of tube, or a country of origin requirement for the tube your fittings are manufactured from, this can often be accommodated.

Every New Zealand made fitting is manufactured on a 'Fit for Purpose' production line. Internal forming is smooth, as per the requirements of the standard, to minimise flow turbulence. All sockets are engineered to an interference fit as per the relevant standards.

All fittings that we import from our partner factories are sample checked for compliance as below:

Stage I is an initial random sample check by a Highflo staff member at the factory of origin. This conformity check is completed before containerisation and is targeted at ensuring only compliant products are shipped. This also allows the opportunity for the partner factory to rectify any highlighted compliance issue before shipping.

Stage II is a further comprehensive check, of a much larger sample size, in our New Zealand warehouse. Checks include gauge verification, pressure testing, and occasionally X-Raying to ensure internal conformity.

Stage III is a Copper Composition Test completed here in New Zealand, by an independent laboratory, on samples of our imported fittings, confirming compliance to Copper Composition as Alloy C12200 (DHP Copper). Compliance documentation is available upon request.

It is only once all testing comes back 'compliant' that fittings are released for sale.

Documentation confirming compliance of the NZS3501 tube we manufacture from on site, is also provided by our tube supplier and is available upon request.

Brass Components, such as Cap Nuts and Brazing Rings used in Traps, are from CW602N DZR Material. As these fittings are for use in sanitary fixtures and not for potable water, they are exempt from the 2026 LF requirement. Likewise, the Swivel Nuts used in Bent Connectors, are not in contact with Potable Water, as the seal is made in-front of the nut, so these components remain as CW602N DRZ Brass material.

The Laser Marking of all Highflo Fittings for traceability, and showing continuity of fitting supply in an installation, is also currently being implemented across our entire range (except Chrome Plated Items which can't be marked owing to the reflective nature of the chrome finish).

If your installation or contract supply will only accept marked fittings, please make contact with us during this implementation period and discuss your requirements.

